EPA SAMPLE NO.

MYD9Z9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-01

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.28	J	10/23/2024	1941
7440-38-2	Arsenic	61		10/23/2024	1941
7440-39-3	Barium	170		10/23/2024	1941
7440-41-7	Beryllium	0.54		10/23/2024	1941
7440-43-9	Cadmium	0.23	J	10/23/2024	1941
7440-47-3	Chromium	57		10/23/2024	1941
7440-48-4	Cobalt	41		10/23/2024	1941
7440-50-8	Copper	140		10/23/2024	1941
7439-92-1	Lead	6.6		10/23/2024	1941
7440-02-0	Nickel	53		10/23/2024	1941
7782-49-2	Selenium	0.37	J	10/23/2024	1941
7440-22-4	Silver	0.077	J	10/23/2024	1941
7440-28-0	Thallium	0.086	J	10/23/2024	1941
7440-62-2	Vanadium	230		10/23/2024	1941
7440-66-6	Zinc	93		10/23/2024	1941

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

Comments:

EPA SAMPLE NO.

MYDA00

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-02

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.99		10/23/2024	1944
7440-38-2	Arsenic	51		10/23/2024	1944
7440-39-3	Barium	180		10/23/2024	1944
7440-41-7	Beryllium	0.86		10/23/2024	1944
7440-43-9	Cadmium	0.45		10/23/2024	1944
7440-47-3	Chromium	53		10/23/2024	1944
7440-48-4	Cobalt	33		10/23/2024	1944
7440-50-8	Copper	120		10/23/2024	1944
7439-92-1	Lead	15		10/23/2024	1944
7440-02-0	Nickel	53		10/23/2024	1944
7782-49-2	Selenium	0.46	J	10/23/2024	1944
7440-22-4	Silver	0.071	J	10/23/2024	1944
7440-28-0	Thallium	0.085	J	10/23/2024	1944
7440-62-2	Vanadium	190		10/23/2024	1944
7440-66-6	Zinc	140		10/23/2024	1944

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

Comments:

EPA SAMPLE NO.

MYDA01

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-03

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.56	J	10/23/2024	1947
7440-38-2	Arsenic	74		10/23/2024	1947
7440-39-3	Barium	280		10/23/2024	1947
7440-41-7	Beryllium	0.94		10/23/2024	1947
7440-43-9	Cadmium	0.63		10/23/2024	1947
7440-47-3	Chromium	63		10/23/2024	1947
7440-48-4	Cobalt	39		10/23/2024	1947
7440-50-8	Copper	150		10/23/2024	1947
7439-92-1	Lead	21		10/23/2024	1947
7440-02-0	Nickel	58		10/23/2024	1947
7782-49-2	Selenium	0.57	J	10/23/2024	1947
7440-22-4	Silver	0.14	J	10/23/2024	1947
7440-28-0	Thallium	0.092	J	10/23/2024	1947
7440-62-2	Vanadium	220		10/23/2024	1947
7440-66-6	Zinc	170		10/23/2024	1947

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

Comments:

EPA SAMPLE NO.

MYDA02

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-04

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.45	J	10/23/2024	1950
7440-38-2	Arsenic	57		10/23/2024	1950
7440-39-3	Barium	160		10/23/2024	1950
7440-41-7	Beryllium	0.72		10/23/2024	1950
7440-43-9	Cadmium	0.49		10/23/2024	1950
7440-47-3	Chromium	53		10/23/2024	1950
7440-48-4	Cobalt	34		10/23/2024	1950
7440-50-8	Copper	120		10/23/2024	1950
7439-92-1	Lead	14		10/23/2024	1950
7440-02-0	Nickel	49		10/23/2024	1950
7782-49-2	Selenium	0.57	J	10/23/2024	1950
7440-22-4	Silver	0.085	J	10/23/2024	1950
7440-28-0	Thallium	0.077	J	10/23/2024	1950
7440-62-2	Vanadium	230		10/23/2024	1950
7440-66-6	Zinc	160		10/23/2024	1950

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

Comments:

EPA SAMPLE NO.

MYDA03

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-05

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.52	J	10/23/2024	1953
7440-38-2	Arsenic	53		10/23/2024	1953
7440-39-3	Barium	190		10/23/2024	1953
7440-41-7	Beryllium	0.73		10/23/2024	1953
7440-43-9	Cadmium	0.41	J	10/23/2024	1953
7440-47-3	Chromium	46		10/23/2024	1953
7440-48-4	Cobalt	29		10/23/2024	1953
7440-50-8	Copper	120		10/23/2024	1953
7439-92-1	Lead	13		10/23/2024	1953
7440-02-0	Nickel	44		10/23/2024	1953
7782-49-2	Selenium	0.57	J	10/23/2024	1953
7440-22-4	Silver	0.071	J	10/23/2024	1953
7440-28-0	Thallium	0.071	J	10/23/2024	1953
7440-62-2	Vanadium	170		10/23/2024	1953
7440-66-6	Zinc	160		10/23/2024	1953

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

Comments:

EPA SAMPLE NO.

MYDA04

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-06

% Solids: 97.9 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.30	J	10/23/2024	1956
7440-38-2	Arsenic	64		10/23/2024	1956
7440-39-3	Barium	190		10/23/2024	1956
7440-41-7	Beryllium	0.72		10/23/2024	1956
7440-43-9	Cadmium	0.35	J	10/23/2024	1956
7440-47-3	Chromium	47		10/23/2024	1956
7440-48-4	Cobalt	30		10/23/2024	1956
7440-50-8	Copper	86		10/23/2024	1956
7439-92-1	Lead	10		10/23/2024	1956
7440-02-0	Nickel	42		10/23/2024	1956
7782-49-2	Selenium	0.37	J	10/23/2024	1956
7440-22-4	Silver	0.047	J	10/23/2024	1956
7440-28-0	Thallium	0.11	J	10/23/2024	1956
7440-62-2	Vanadium	150		10/23/2024	1956
7440-66-6	Zinc	100		10/23/2024	1956

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

Comments:

EPA SAMPLE NO.

MYDA05

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-07

% Solids: 98.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.39	J	10/23/2024	1959
7440-38-2	Arsenic	51		10/23/2024	1959
7440-39-3	Barium	180	D	10/24/2024	1318
7440-41-7	Beryllium	0.55		10/23/2024	1959
7440-43-9	Cadmium	0.49		10/23/2024	1959
7440-47-3	Chromium	39		10/23/2024	1959
7440-48-4	Cobalt	25	D	10/24/2024	1318
7440-50-8	Copper	94		10/23/2024	1959
7439-92-1	Lead	18		10/23/2024	1959
7440-02-0	Nickel	42	D	10/24/2024	1318
7782-49-2	Selenium	0.44	J	10/23/2024	1959
7440-22-4	Silver	0.12	J	10/23/2024	1959
7440-28-0	Thallium	0.088	J	10/23/2024	1959
7440-62-2	Vanadium	130	D	10/24/2024	1318
7440-66-6	Zinc	82		10/23/2024	1959

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

Comments:

EPA SAMPLE NO.

MYDA06

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-10

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	4.8		10/23/2024	2036
7440-38-2	Arsenic	120		10/23/2024	2036
7440-39-3	Barium	210		10/23/2024	2036
7440-41-7	Beryllium	0.79		10/23/2024	2036
7440-43-9	Cadmium	0.53		10/23/2024	2036
7440-47-3	Chromium	84		10/23/2024	2036
7440-48-4	Cobalt	36		10/23/2024	2036
7440-50-8	Copper	100		10/23/2024	2036
7439-92-1	Lead	20		10/23/2024	2036
7440-02-0	Nickel	57		10/23/2024	2036
7782-49-2	Selenium	0.55	J	10/23/2024	2036
7440-22-4	Silver	0.14	J	10/23/2024	2036
7440-28-0	Thallium	0.14	J	10/23/2024	2036
7440-62-2	Vanadium	140		10/23/2024	2036
7440-66-6	Zinc	120		10/23/2024	2036

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

Comments:

EPA SAMPLE NO.

MYDA07

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-11

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.67	J	10/23/2024	2039
7440-38-2	Arsenic	52		10/23/2024	2039
7440-39-3	Barium	210		10/23/2024	2039
7440-41-7	Beryllium	0.73		10/23/2024	2039
7440-43-9	Cadmium	0.30	J	10/23/2024	2039
7440-47-3	Chromium	60		10/23/2024	2039
7440-48-4	Cobalt	26		10/23/2024	2039
7440-50-8	Copper	61		10/23/2024	2039
7439-92-1	Lead	13		10/23/2024	2039
7440-02-0	Nickel	48		10/23/2024	2039
7782-49-2	Selenium	0.45	J	10/23/2024	2039
7440-22-4	Silver	0.066	J	10/23/2024	2039
7440-28-0	Thallium	0.10	J	10/23/2024	2039
7440-62-2	Vanadium	100		10/23/2024	2039
7440-66-6	Zinc	100		10/23/2024	2039

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

Comments:

EPA SAMPLE NO.

MYDA08

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-12

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.61	J	10/23/2024	2042
7440-38-2	Arsenic	61		10/23/2024	2042
7440-39-3	Barium	220		10/23/2024	2042
7440-41-7	Beryllium	0.79		10/23/2024	2042
7440-43-9	Cadmium	0.35	J	10/23/2024	2042
7440-47-3	Chromium	64		10/23/2024	2042
7440-48-4	Cobalt	28		10/23/2024	2042
7440-50-8	Copper	72		10/23/2024	2042
7439-92-1	Lead	16		10/23/2024	2042
7440-02-0	Nickel	51		10/23/2024	2042
7782-49-2	Selenium	0.34	J	10/23/2024	2042
7440-22-4	Silver	0.085	J	10/23/2024	2042
7440-28-0	Thallium	0.11	J	10/23/2024	2042
7440-62-2	Vanadium	110		10/23/2024	2042
7440-66-6	Zinc	92		10/23/2024	2042

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

Comments:

EPA SAMPLE NO.

MYDA09

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-13

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.65	J	10/23/2024	2045
7440-38-2	Arsenic	47		10/23/2024	2045
7440-39-3	Barium	220		10/23/2024	2045
7440-41-7	Beryllium	0.65		10/23/2024	2045
7440-43-9	Cadmium	0.51		10/23/2024	2045
7440-47-3	Chromium	49		10/23/2024	2045
7440-48-4	Cobalt	23		10/23/2024	2045
7440-50-8	Copper	85		10/23/2024	2045
7439-92-1	Lead	23		10/23/2024	2045
7440-02-0	Nickel	40		10/23/2024	2045
7782-49-2	Selenium	0.46	J	10/23/2024	2045
7440-22-4	Silver	0.11	J	10/23/2024	2045
7440-28-0	Thallium	0.11	J	10/23/2024	2045
7440-62-2	Vanadium	92		10/23/2024	2045
7440-66-6	Zinc	97		10/23/2024	2045

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

Comments:

EPA SAMPLE NO.

MYDA10

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-14

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.52	J	10/23/2024	2048
7440-38-2	Arsenic	43		10/23/2024	2048
7440-39-3	Barium	190		10/23/2024	2048
7440-41-7	Beryllium	0.59		10/23/2024	2048
7440-43-9	Cadmium	0.37		10/23/2024	2048
7440-47-3	Chromium	41		10/23/2024	2048
7440-48-4	Cobalt	22		10/23/2024	2048
7440-50-8	Copper	76		10/23/2024	2048
7439-92-1	Lead	15		10/23/2024	2048
7440-02-0	Nickel	39		10/23/2024	2048
7782-49-2	Selenium	0.47	J	10/23/2024	2048
7440-22-4	Silver	0.075	J	10/23/2024	2048
7440-28-0	Thallium	0.086	J	10/23/2024	2048
7440-62-2	Vanadium	99		10/23/2024	2048
7440-66-6	Zinc	76		10/23/2024	2048

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

Comments:

EPA SAMPLE NO.

MYDA11

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-15

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0		10/23/2024	2051
7440-38-2	Arsenic	81		10/23/2024	2051
7440-39-3	Barium	140		10/23/2024	2051
7440-41-7	Beryllium	0.59		10/23/2024	2051
7440-43-9	Cadmium	1.6		10/23/2024	2051
7440-47-3	Chromium	59		10/23/2024	2051
7440-48-4	Cobalt	36		10/23/2024	2051
7440-50-8	Copper	220		10/23/2024	2051
7439-92-1	Lead	63		10/23/2024	2051
7440-02-0	Nickel	45		10/23/2024	2051
7782-49-2	Selenium	0.77	J	10/23/2024	2051
7440-22-4	Silver	0.33	J	10/23/2024	2051
7440-28-0	Thallium	0.11	J	10/23/2024	2051
7440-62-2	Vanadium	240		10/23/2024	2051
7440-66-6	Zinc	180		10/23/2024	2051

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

Comments:

EPA SAMPLE NO.

MYDA12

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-16

% Solids: 99.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.48	J	10/23/2024	2054
7440-38-2	Arsenic	35		10/23/2024	2054
7440-39-3	Barium	140		10/23/2024	2054
7440-41-7	Beryllium	0.53		10/23/2024	2054
7440-43-9	Cadmium	0.42	J	10/23/2024	2054
7440-47-3	Chromium	27		10/23/2024	2054
7440-48-4	Cobalt	18		10/23/2024	2054
7440-50-8	Copper	110		10/23/2024	2054
7439-92-1	Lead	38		10/23/2024	2054
7440-02-0	Nickel	22		10/23/2024	2054
7782-49-2	Selenium	0.49	J	10/23/2024	2054
7440-22-4	Silver	0.051	J	10/23/2024	2054
7440-28-0	Thallium	0.12	J	10/23/2024	2054
7440-62-2	Vanadium	100		10/23/2024	2054
7440-66-6	Zinc	91		10/23/2024	2054

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

Comments:

EPA SAMPLE NO.

MYDA13

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-17

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.37	J	10/23/2024	2057
7440-38-2	Arsenic	66		10/23/2024	2057
7440-39-3	Barium	150		10/23/2024	2057
7440-41-7	Beryllium	0.51		10/23/2024	2057
7440-43-9	Cadmium	0.42		10/23/2024	2057
7440-47-3	Chromium	53		10/23/2024	2057
7440-48-4	Cobalt	31		10/23/2024	2057
7440-50-8	Copper	110		10/23/2024	2057
7439-92-1	Lead	23		10/23/2024	2057
7440-02-0	Nickel	45		10/23/2024	2057
7782-49-2	Selenium	0.39	J	10/23/2024	2057
7440-22-4	Silver	0.077	J	10/23/2024	2057
7440-28-0	Thallium	0.070	J	10/23/2024	2057
7440-62-2	Vanadium	180		10/23/2024	2057
7440-66-6	Zinc	110		10/23/2024	2057

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

Comments:

EPA SAMPLE NO.

MYDA14

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-18

% Solids: 98.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.69	J	10/23/2024	2100
7440-38-2	Arsenic	54		10/23/2024	2100
7440-39-3	Barium	240		10/23/2024	2100
7440-41-7	Beryllium	0.79		10/23/2024	2100
7440-43-9	Cadmium	0.46		10/23/2024	2100
7440-47-3	Chromium	54		10/23/2024	2100
7440-48-4	Cobalt	27		10/23/2024	2100
7440-50-8	Copper	79		10/23/2024	2100
7439-92-1	Lead	16		10/23/2024	2100
7440-02-0	Nickel	44		10/23/2024	2100
7782-49-2	Selenium	0.56	J	10/23/2024	2100
7440-22-4	Silver	0.096	J	10/23/2024	2100
7440-28-0	Thallium	0.11	J	10/23/2024	2100
7440-62-2	Vanadium	100		10/23/2024	2100
7440-66-6	Zinc	120		10/23/2024	2100

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

Comments:

EPA SAMPLE NO.

MYDA15

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-19

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.53	J	10/23/2024	2103
7440-38-2	Arsenic	42		10/23/2024	2103
7440-39-3	Barium	110		10/23/2024	2103
7440-41-7	Beryllium	0.38	J	10/23/2024	2103
7440-43-9	Cadmium	0.40	J	10/23/2024	2103
7440-47-3	Chromium	38		10/23/2024	2103
7440-48-4	Cobalt	17		10/23/2024	2103
7440-50-8	Copper	120		10/23/2024	2103
7439-92-1	Lead	16		10/23/2024	2103
7440-02-0	Nickel	29		10/23/2024	2103
7782-49-2	Selenium	0.33	J	10/23/2024	2103
7440-22-4	Silver	0.094	J	10/23/2024	2103
7440-28-0	Thallium	0.057	J	10/23/2024	2103
7440-62-2	Vanadium	79		10/23/2024	2103
7440-66-6	Zinc	69		10/23/2024	2103

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

Comments:

EPA SAMPLE NO.

MYDA16

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-20

% Solids: 98.1 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.41	J	10/23/2024	2107
7440-38-2	Arsenic	25		10/23/2024	2107
7440-39-3	Barium	150		10/23/2024	2107
7440-41-7	Beryllium	0.88		10/23/2024	2107
7440-43-9	Cadmium	0.33	J	10/23/2024	2107
7440-47-3	Chromium	26		10/23/2024	2107
7440-48-4	Cobalt	19		10/23/2024	2107
7440-50-8	Copper	53		10/23/2024	2107
7439-92-1	Lead	19		10/23/2024	2107
7440-02-0	Nickel	23		10/23/2024	2107
7782-49-2	Selenium	0.58	J	10/23/2024	2107
7440-22-4	Silver	0.041	J	10/23/2024	2107
7440-28-0	Thallium	0.086	J	10/23/2024	2107
7440-62-2	Vanadium	73		10/23/2024	2107
7440-66-6	Zinc	90		10/23/2024	2107

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

Comments:

EPA SAMPLE NO.

MYDA17

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-21

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.66	J	10/23/2024	2110
7440-38-2	Arsenic	45		10/23/2024	2110
7440-39-3	Barium	230		10/23/2024	2110
7440-41-7	Beryllium	0.62		10/23/2024	2110
7440-43-9	Cadmium	0.43		10/23/2024	2110
7440-47-3	Chromium	43		10/23/2024	2110
7440-48-4	Cobalt	21		10/23/2024	2110
7440-50-8	Copper	67		10/23/2024	2110
7439-92-1	Lead	21		10/23/2024	2110
7440-02-0	Nickel	35		10/23/2024	2110
7782-49-2	Selenium	0.41	J	10/23/2024	2110
7440-22-4	Silver	0.095	J	10/23/2024	2110
7440-28-0	Thallium	0.11	J	10/23/2024	2110
7440-62-2	Vanadium	92		10/23/2024	2110
7440-66-6	Zinc	90		10/23/2024	2110

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

Comments:

EPA SAMPLE NO.

MYDA18

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD9Z9

Matrix: SOIL Lab Sample ID: P4293-22

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.35	J	10/23/2024	2113
7440-38-2	Arsenic	24		10/23/2024	2113
7440-39-3	Barium	140		10/23/2024	2113
7440-41-7	Beryllium	0.86		10/23/2024	2113
7440-43-9	Cadmium	0.31	J	10/23/2024	2113
7440-47-3	Chromium	22		10/23/2024	2113
7440-48-4	Cobalt	17		10/23/2024	2113
7440-50-8	Copper	44		10/23/2024	2113
7439-92-1	Lead	16		10/23/2024	2113
7440-02-0	Nickel	20		10/23/2024	2113
7782-49-2	Selenium	0.52	J	10/23/2024	2113
7440-22-4	Silver	0.093	J	10/23/2024	2113
7440-28-0	Thallium	0.093	J	10/23/2024	2113
7440-62-2	Vanadium	66		10/23/2024	2113
7440-66-6	Zinc	97		10/23/2024	2113

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

Comments:

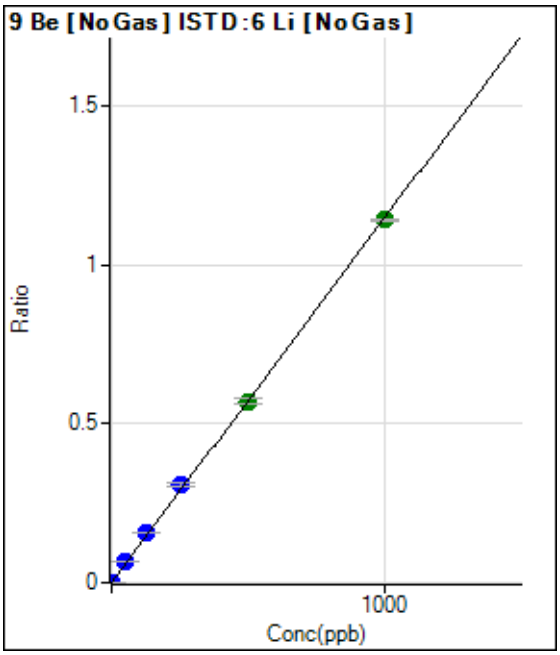
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On:10/24/2024
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Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102324-MS2.b\
Analysis File: P7102324-MS2.batch.bin
DA Date-Time: 2024-10-24 08:15:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-23 16:08:40
2	005CALS.d	S02	2024-10-23 16:11:57
3	006CALS.d	S03	2024-10-23 16:15:16
4	007CALS.d	S04	2024-10-23 16:18:13
5	008CALS.d	S05	2024-10-23 16:21:05
6	009CALS.d	S06	2024-10-23 16:23:50
7	010CALS.d	S07	2024-10-23 16:26:38
8	011CALS.d	S08	2024-10-23 16:29:24

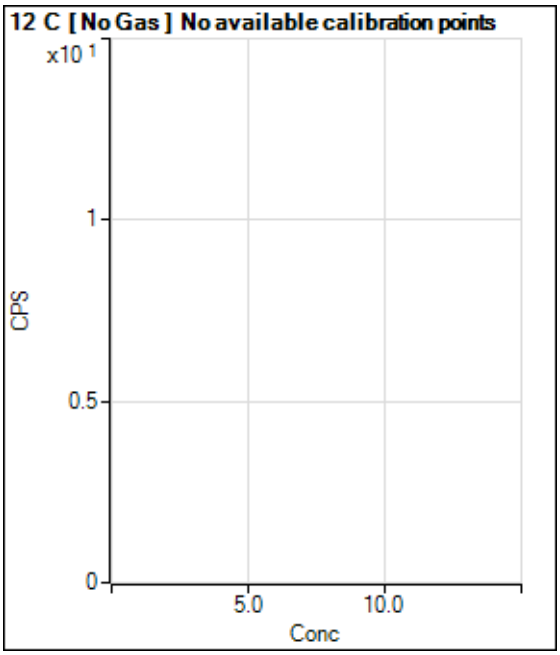
Reviewed By:mohan
On:10/24/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.28	0.0000	P	6.0
2	☐	1.000	1.035	2501.90	0.0012	P	2.7
3	☐	50.000	57.122	139103.02	0.0655	P	1.0
4	☐	125.000	137.475	352395.25	0.1576	P	3.2
5	☐	250.000	268.451	694370.92	0.3077	P	2.4
6	☐	500.000	497.032	1298380.88	0.5698	A	3.1
7	☐	1000.000	994.956	2495662.08	1.1405	A	0.5
8	☐			304.25	0.0001	P	4.8

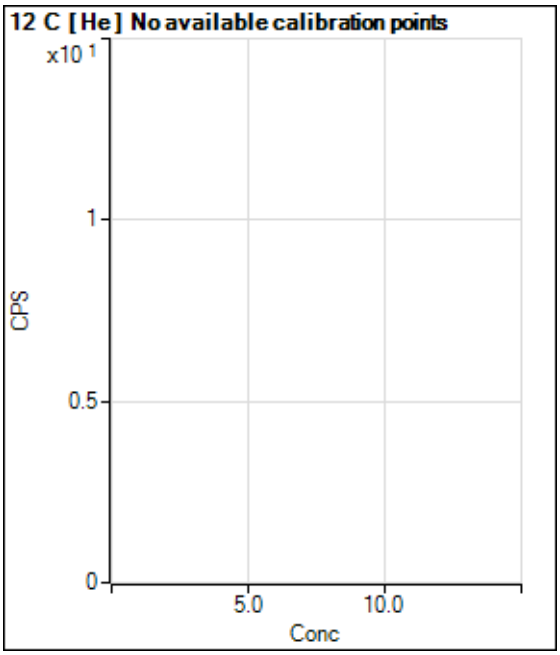
y = 0.0011 * x + 1.5387E-005
R = 0.9998
DL = 0.002398
BEC = 0.01342

Weight: <None>
Min Conc: 0

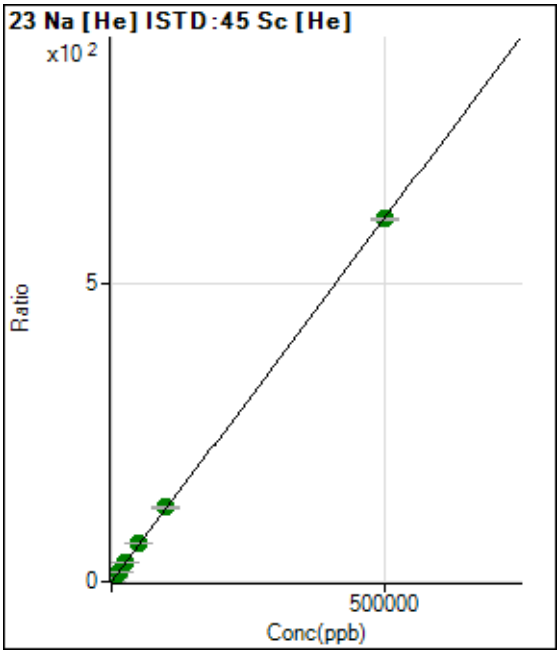


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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
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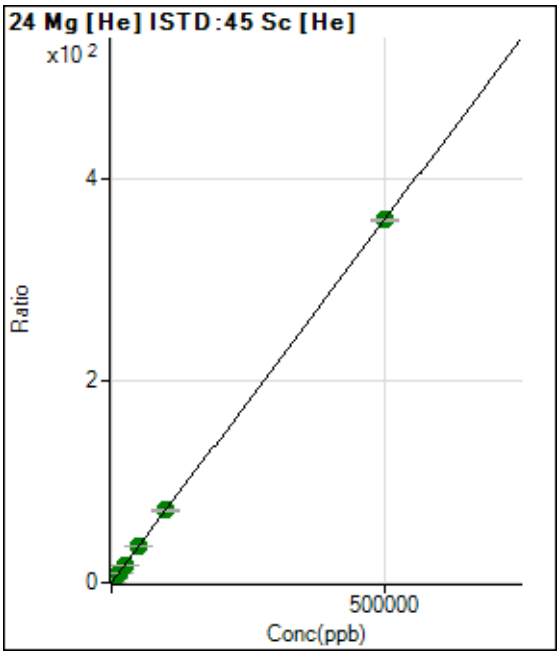


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75499.23	0.0786	P	1.0
2	☐	500.000	520.048	682296.90	0.7115	P	0.1
3	☐	5000.000	5269.453	6116033.80	6.4914	A	0.5
4	☐	12500.000	13068.263	14825397.97	15.9823	A	0.8
5	☐	25000.000	25588.605	28962057.62	31.2193	A	0.9
6	☐	50000.000	52677.743	58390941.35	64.1861	A	0.6
7	☐	100000.00	102253.07	113855228.31	124.5180	A	1.1
8	☐	500000.00	499235.26	556914765.03	607.6354	A	0.9

y = 0.0012 * x + 0.0786
R = 1.0000
DL = 1.967
BEC = 64.59

Weight: <None>
Min Conc: 0

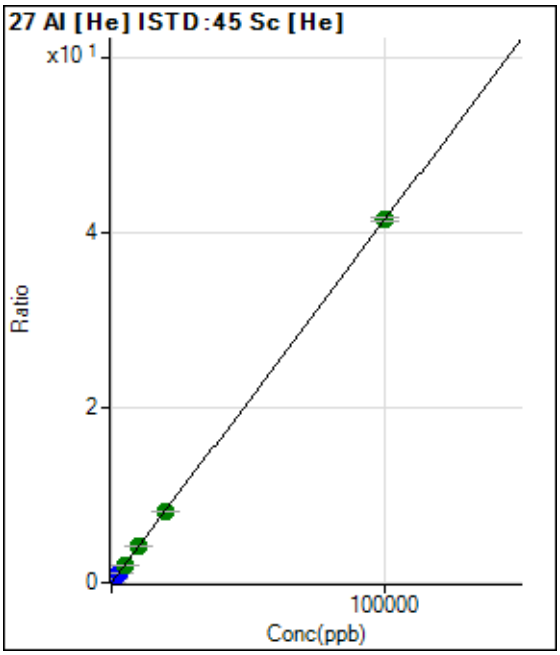
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1	☐	0.000	0.000	1515.65	0.0016	P	9.9
2	☐	500.000	536.448	371711.13	0.3876	P	0.5
3	☐	5000.000	5063.653	3434668.59	3.6455	A	1.1
4	☐	12500.000	12600.333	8412414.18	9.0690	A	0.3
5	☐	25000.000	24620.823	16437062.81	17.7191	A	0.7
6	☐	50000.000	50313.185	32938713.95	36.2077	A	0.5
7	☐	100000.00	99665.938	65581983.47	71.7228	A	0.7
8	☐	500000.00	500051.27	329808986.20	359.8464	A	0.9

y = 7.1962E-004 * x + 0.0016
R = 1.0000
DL = 0.6496
BEC = 2.193

Weight: <None>
Min Conc: 0

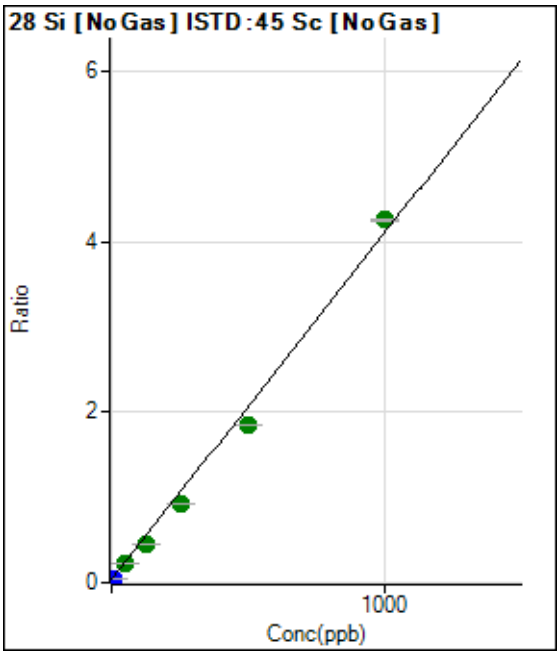


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	682.24	0.0007	P	9.1
2	☐	20.000	19.056	8254.51	0.0086	P	1.2
3	☐	1000.000	1077.738	421524.81	0.4474	P	1.5
4	☐	2500.000	2541.155	977631.12	1.0539	P	0.1
5	☐	5000.000	4890.602	1881145.09	2.0277	A	0.6
6	☐	10000.000	9910.150	3737296.65	4.1081	A	0.3
7	☐	20000.000	19587.293	7423975.10	8.1190	A	0.3
8	☐	100000.00	100095.19	38023621.94	41.4867	A	1.0

y = 4.1447E-004 * x + 7.1001E-004
R = 1.0000
DL = 0.4684
BEC = 1.713

Weight: <None>
Min Conc: 0

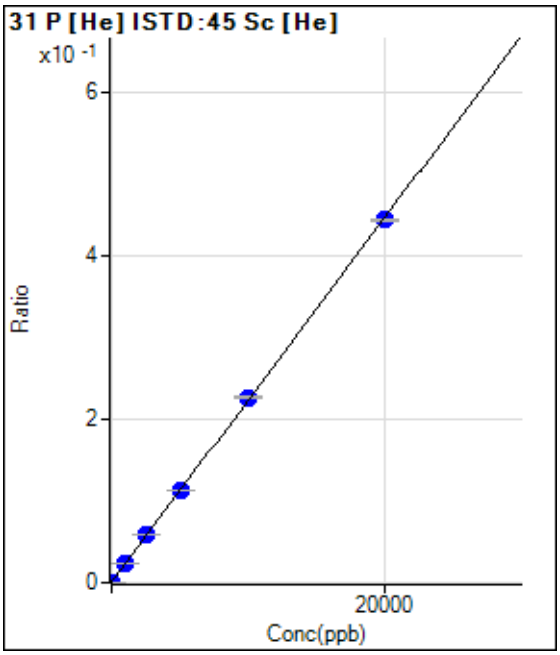
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1	☐	0.000	0.000	403664.86	0.0375	P	1.3
2	☐	10.000	1.066	452581.96	0.0418	P	0.8
3	☐	50.000	45.832	2409941.18	0.2237	A	2.9
4	☐	125.000	103.736	4860580.48	0.4589	A	1.4
5	☐	250.000	218.239	9785794.51	0.9239	A	1.5
6	☐	500.000	446.009	19095734.44	1.8491	A	0.6
7	☐	1000.000	1037.892	44553134.34	4.2531	A	0.9
8	☐			522505.69	0.0514	P	0.9

y = 0.0041 * x + 0.0375
R = 0.9975
DL = 0.3563
BEC = 9.234

Weight: <None>
Min Conc: 0

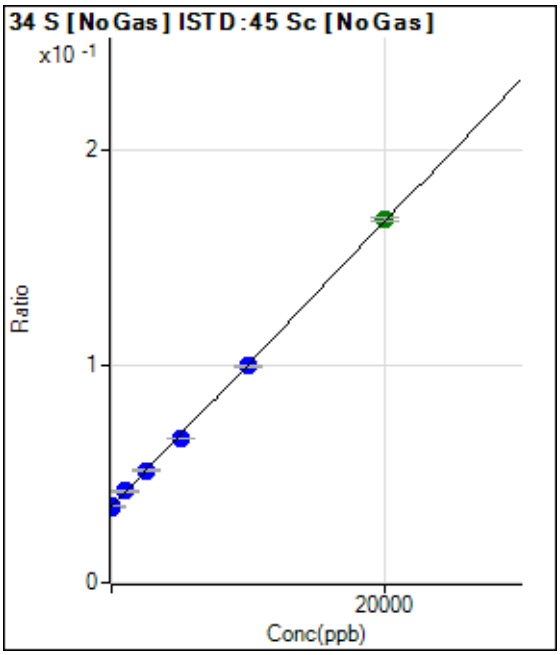


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.565	264.45	0.0003	P	12.9
2	☐	0.000	16.565	972.26	0.0010	P	7.4
3	☐	1000.000	1032.251	22287.45	0.0237	P	2.1
4	☐	2500.000	2588.461	54121.89	0.0583	P	0.2
5	☐	5000.000	5037.594	104757.56	0.1129	P	1.9
6	☐	10000.000	10160.802	206645.54	0.2271	P	0.3
7	☐	20000.000	19897.530	406166.98	0.4442	P	0.3
8	☐			426.68	0.0005	P	2.7

y = 2.2292E-005 * x + 6.4461E-004
R = 0.9999
DL = 7.465
BEC = 28.92

Weight: <None>
Min Conc: 0

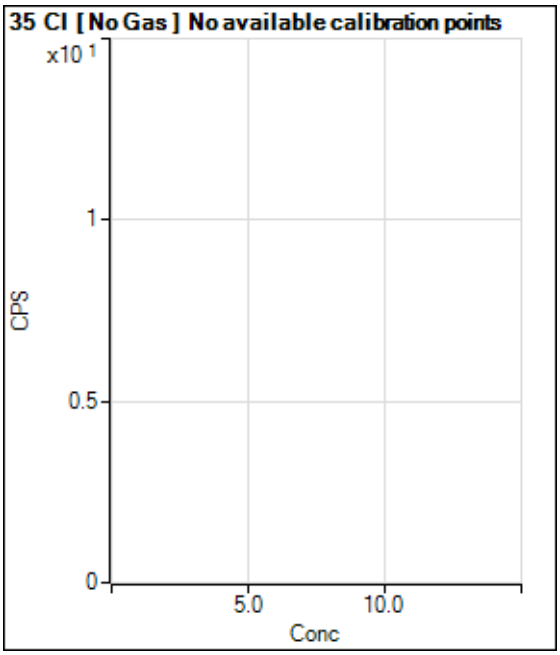
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-24.772	376210.96	0.0350	P	1.6
2	☐	0.000	24.772	381681.22	0.0353	P	0.2
3	☐	1000.000	1090.547	455862.50	0.0423	P	1.8
4	☐	2500.000	2547.789	549771.92	0.0519	P	0.4
5	☐	5000.000	4796.626	706573.19	0.0667	P	0.6
6	☐	10000.000	9854.978	1032797.26	0.1000	P	0.8
7	☐	20000.000	20112.854	1755283.93	0.1676	A	1.0
8	☐			322116.57	0.0317	P	3.6

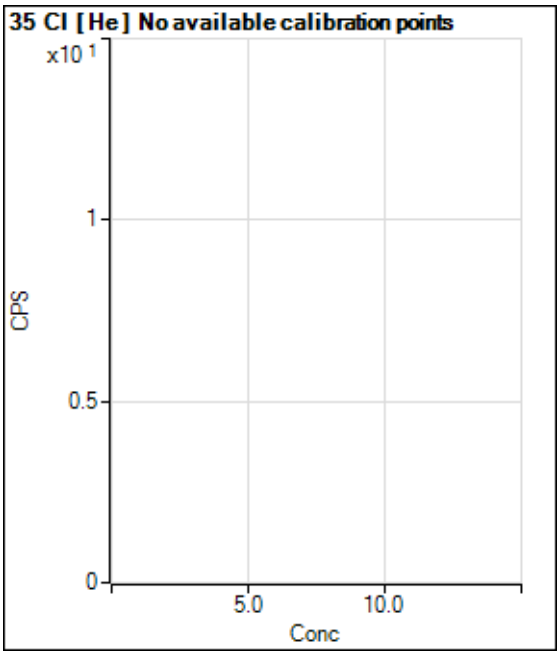
y = 6.5850E-006 * x + 0.0351
R = 0.9999
DL = 148.6
BEC = 5333

Weight: <None>
Min Conc: 0

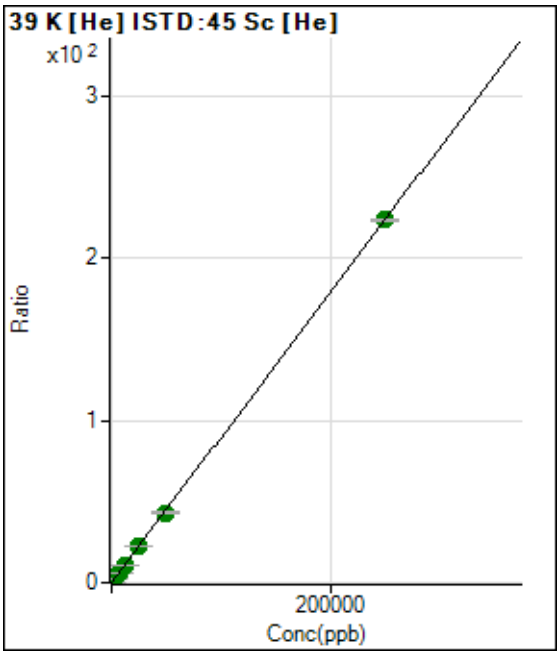


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



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

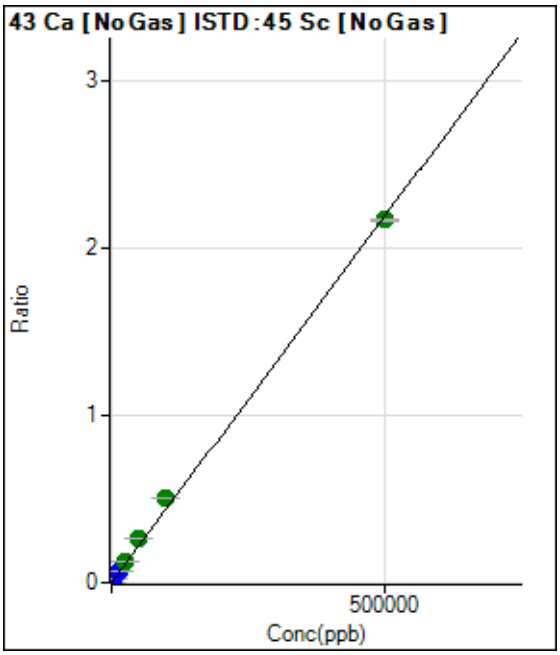


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106559.36	0.1109	P	1.2
2	☐	500.000	503.605	537592.43	0.5606	P	0.3
3	☐	2500.000	2505.482	2212230.25	2.3480	A	1.5
4	☐	6250.000	6173.682	5216122.52	5.6232	A	0.4
5	☐	12500.000	12108.230	10129538.88	10.9220	A	2.6
6	☐	25000.000	24579.351	20065877.34	22.0570	A	0.3
7	☐	50000.000	48276.277	39516384.13	43.2153	A	0.6
8	☐	250000.00	250408.24	205029745.83	223.6924	A	0.4

y = 8.9287E-004 * x + 0.1109
R = 1.0000
DL = 4.456
BEC = 124.2

Weight: <None>
Min Conc: 0

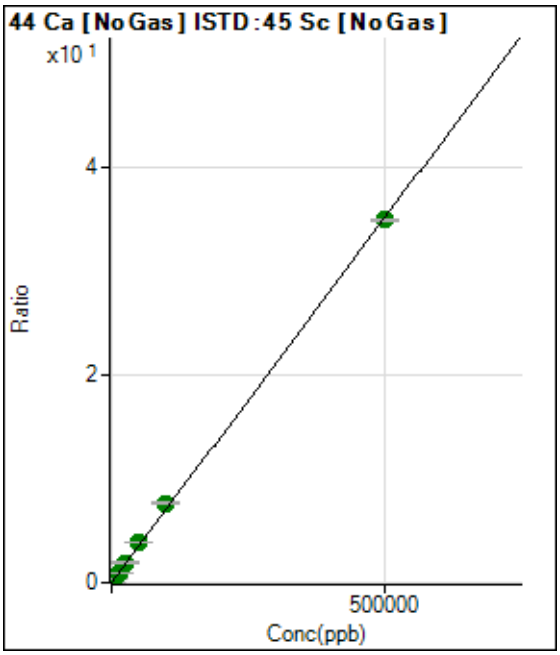
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.02	0.0001	P	7.7
2	☐	500.000	509.403	24663.47	0.0023	P	1.6
3	☐	5000.000	6117.314	288715.46	0.0268	P	3.5
4	☐	12500.000	15249.723	706801.71	0.0667	P	1.0
5	☐	25000.000	29311.354	1357917.05	0.1282	A	0.5
6	☐	50000.000	60140.180	2715715.79	0.2630	A	0.5
7	☐	100000.00	115646.53	5296756.93	0.5057	A	1.9
8	☐	500000.00	495561.18	22028919.12	2.1666	A	0.6

y = 4.3719E-006 * x + 5.2932E-005
R = 0.9994
DL = 2.779
BEC = 12.11

Weight: <None>
Min Conc: 0

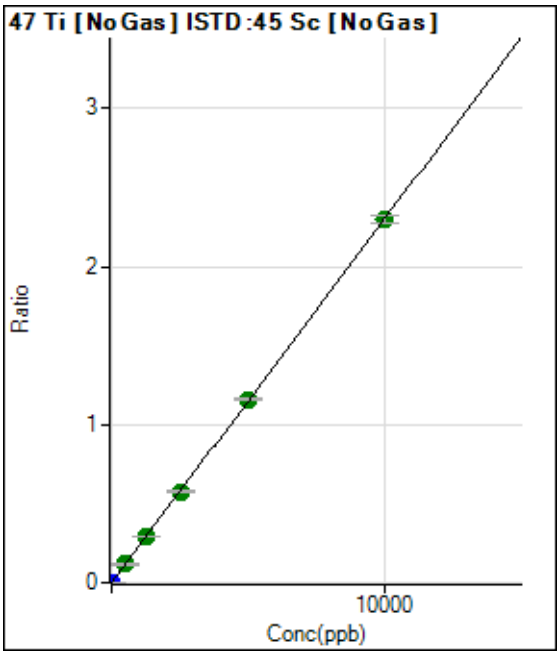


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56700.54	0.0053	P	1.5
2	☐	500.000	516.851	448791.60	0.0415	P	0.8
3	☐	5000.000	5502.290	4211605.25	0.3908	A	2.4
4	☐	12500.000	13715.501	10237249.15	0.9664	A	0.9
5	☐	25000.000	27542.816	20498717.89	1.9354	A	1.4
6	☐	50000.000	55000.804	39855230.52	3.8595	A	1.0
7	☐	100000.00	109146.46	80173873.81	7.6538	A	2.8
8	☐	500000.00	497508.05	354524523.61	34.8686	A	0.7

y = 7.0076E-005 * x + 0.0053
R = 0.9998
DL = 3.34
BEC = 75.18

Weight: <None>
Min Conc: 0

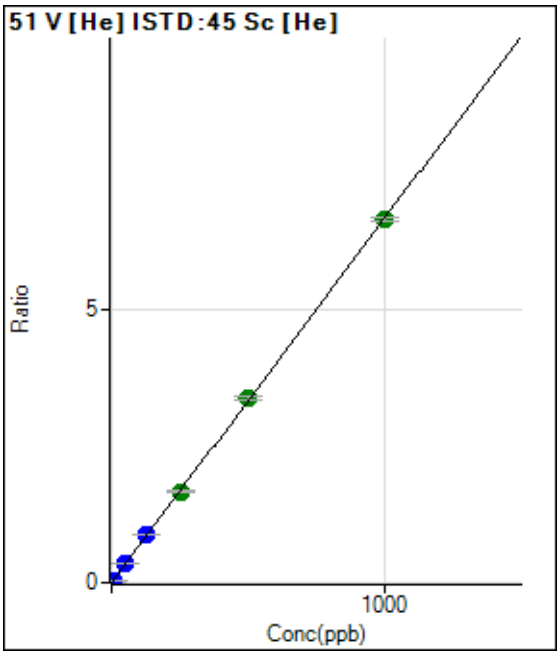
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.89	0.0000	P	12.4
2	☐	5.000	4.481	11449.98	0.0011	P	2.6
3	☐	500.000	502.811	1246703.27	0.1157	A	1.5
4	☐	1250.000	1269.880	3094376.10	0.2921	A	1.8
5	☐	2500.000	2501.707	6094960.12	0.5755	A	1.4
6	☐	5000.000	5037.314	11965163.99	1.1587	A	1.3
7	☐	10000.000	9978.291	24042477.70	2.2952	A	2.1
8	☐			3201.48	0.0003	P	6.2

y = 2.3001E-004 * x + 2.7797E-005
R = 1.0000
DL = 0.04499
BEC = 0.1209

Weight: <None>
Min Conc: 0

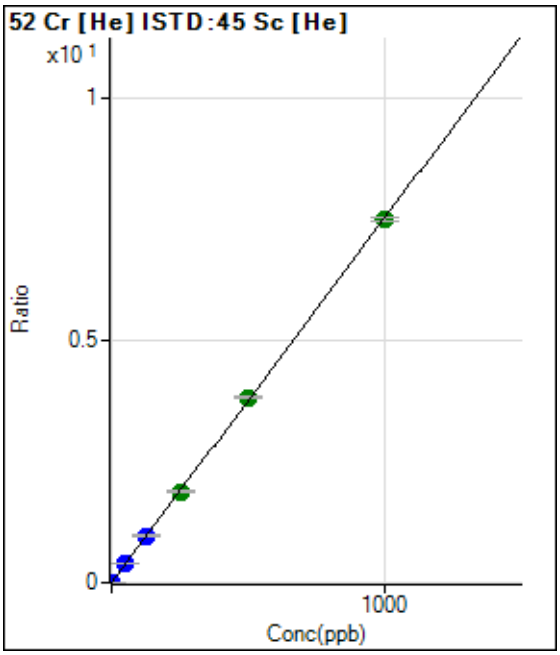


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	17.0
2	☐	5.000	4.986	32003.95	0.0334	P	0.7
3	☐	50.000	51.896	327079.15	0.3472	P	0.6
4	☐	125.000	129.769	805207.11	0.8680	P	0.1
5	☐	250.000	250.025	1551353.43	1.6724	A	1.2
6	☐	500.000	506.716	3083259.40	3.3895	A	1.6
7	☐	1000.000	995.945	6091578.66	6.6619	A	1.1
8	☐			1412.31	0.0015	P	4.0

y = 0.0067 * x + 2.0828E-005
R = 1.0000
DL = 0.001587
BEC = 0.003114

Weight: <None>
Min Conc: 0

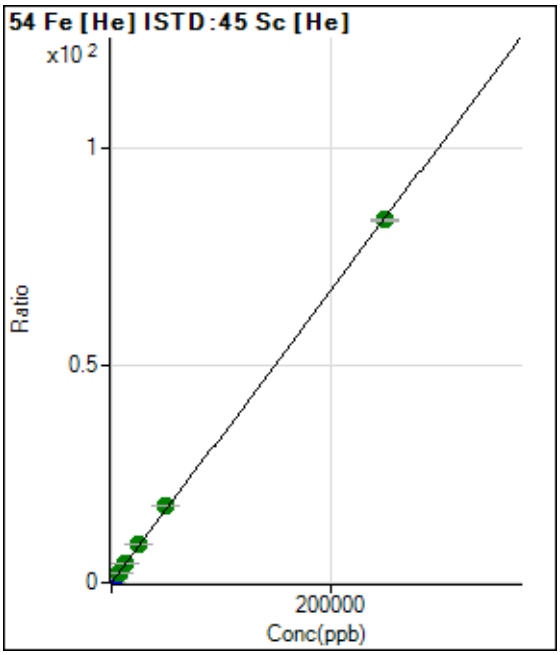
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1632.33	0.0017	P	3.6
2	☐	2.000	1.983	15938.54	0.0166	P	2.9
3	☐	50.000	52.204	371627.55	0.3944	P	0.6
4	☐	125.000	128.809	900453.05	0.9707	P	0.6
5	☐	250.000	248.945	1738867.86	1.8745	A	2.6
6	☐	500.000	508.704	3483005.47	3.8287	A	0.7
7	☐	1000.000	995.325	6848197.26	7.4896	A	1.0
8	☐			24798.72	0.0270	P	13.3

y = 0.0075 * x + 0.0017
R = 0.9999
DL = 0.02463
BEC = 0.2258

Weight: <None>
Min Conc: 0

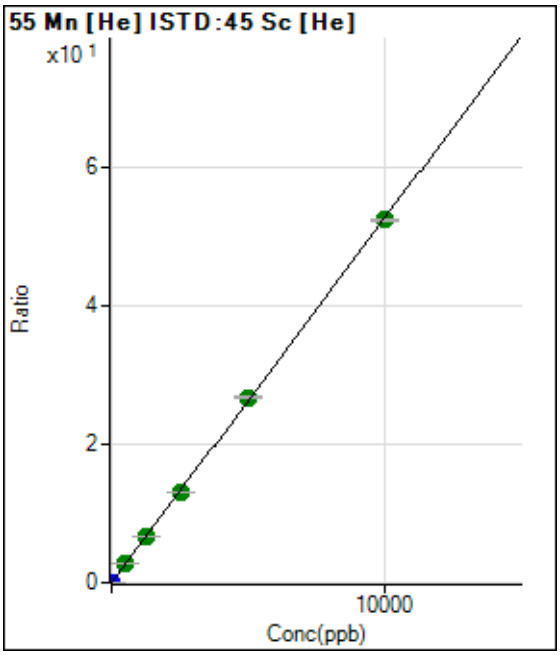


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2731.39	0.0028	P	3.2
2	☐	50.000	54.987	20416.14	0.0213	P	0.6
3	☐	2500.000	2822.930	894908.82	0.9498	P	1.0
4	☐	6250.000	6773.821	2110534.97	2.2752	A	1.0
5	☐	12500.000	13269.111	4131881.15	4.4541	A	0.6
6	☐	25000.000	26919.594	8217778.42	9.0334	A	0.9
7	☐	50000.000	52579.587	16130926.70	17.6414	A	0.8
8	☐	250000.00	249237.34	76634490.53	83.6128	A	0.7

y = 3.3546E-004 * x + 0.0028
R = 0.9999
DL = 0.8081
BEC = 8.477

Weight: <None>
Min Conc: 0

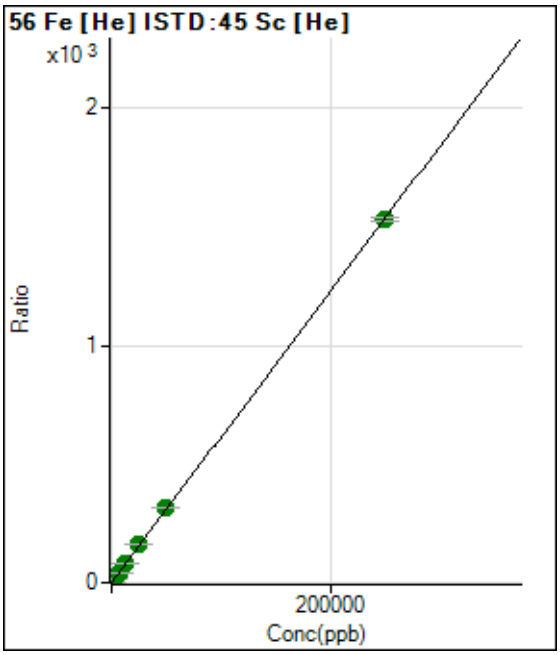
Reviewed By:mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1155.62	0.0012	P	6.2
2	☐	1.000	1.025	6326.94	0.0066	P	1.7
3	☐	500.000	506.223	2510828.52	2.6649	A	0.4
4	☐	1250.000	1273.311	6216223.45	6.7013	A	1.1
5	☐	2500.000	2492.422	12167315.65	13.1162	A	0.7
6	☐	5000.000	5076.191	24299906.58	26.7119	A	1.3
7	☐	10000.000	9960.574	47926282.06	52.4133	A	0.2
8	☐			25585.17	0.0279	P	0.7

y = 0.0053 * x + 0.0012
R = 1.0000
DL = 0.04259
BEC = 0.2286

Weight: <None>
Min Conc: 0

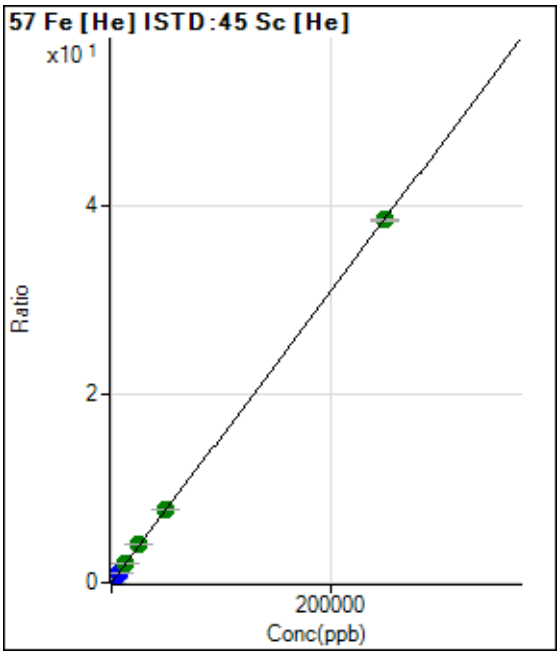


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26531.83	0.0276	P	31.0
2	☐	50.000	52.894	337614.69	0.3521	P	0.5
3	☐	2500.000	2662.703	15413588.24	16.3596	A	1.0
4	☐	6250.000	6633.218	37765464.44	40.7131	A	0.9
5	☐	12500.000	13108.169	74607397.77	80.4279	A	1.7
6	☐	25000.000	26485.906	147811657.80	162.4815	A	1.2
7	☐	50000.000	51250.848	287461935.72	314.3797	A	0.7
8	☐	250000.00	249559.62	1402939925.7	1,530.725	A	1.2

y = 0.0061 * x + 0.0276
R = 1.0000
DL = 4.193
BEC = 4.504

Weight: <None>
Min Conc: 0

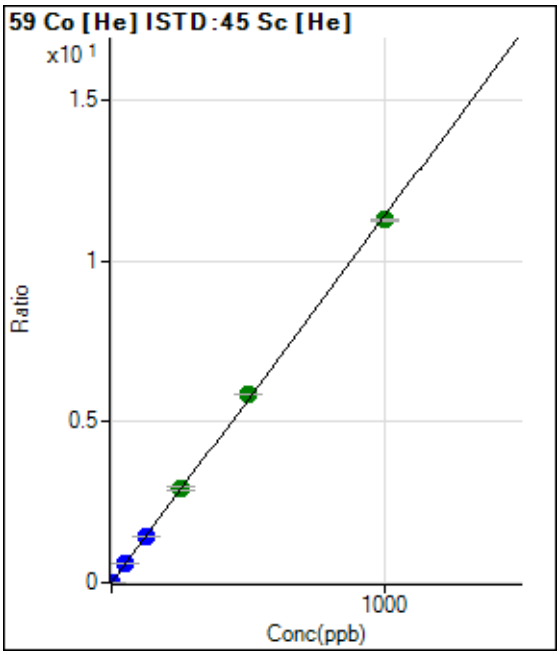
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2704.79	0.0028	P	10.0
2	☐	50.000	54.042	10669.42	0.0111	P	0.8
3	☐	2500.000	2766.701	403472.48	0.4282	P	1.0
4	☐	6250.000	6829.810	976764.48	1.0530	P	0.1
5	☐	12500.000	13063.315	1865663.58	2.0115	A	2.8
6	☐	25000.000	26295.829	3680742.58	4.0462	A	1.1
7	☐	50000.000	50212.924	7062318.78	7.7237	A	1.1
8	☐	250000.00	249782.50	35205467.81	38.4103	A	0.5

y = 1.5376E-004 * x + 0.0028
R = 1.0000
DL = 5.513
BEC = 18.31

Weight: <None>
Min Conc: 0

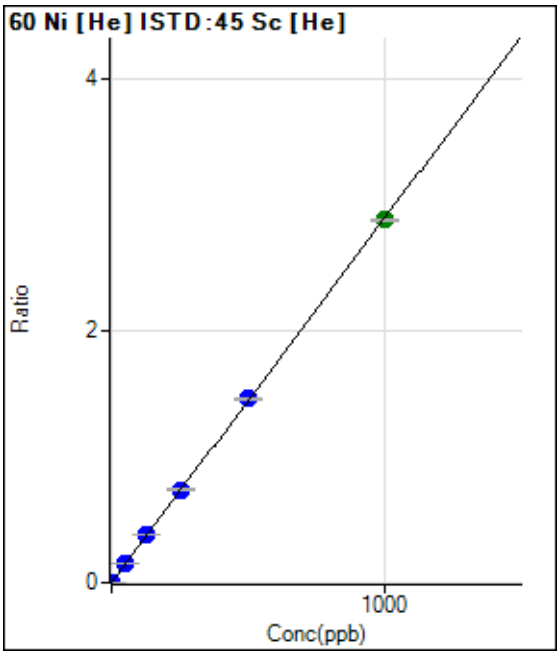


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.68	0.0002	P	40.2
2	☐	1.000	1.034	11481.15	0.0120	P	1.3
3	☐	50.000	51.795	555483.12	0.5896	P	1.0
4	☐	125.000	128.197	1353314.60	1.4589	P	0.3
5	☐	250.000	257.379	2716177.95	2.9289	A	3.7
6	☐	500.000	515.280	5334300.06	5.8635	A	0.1
7	☐	1000.000	990.026	10301005.96	11.2656	A	0.6
8	☐			26752.81	0.0292	P	0.6

y = 0.0114 * x + 2.0492E-004
R = 0.9998
DL = 0.0217
BEC = 0.01801

Weight: <None>
Min Conc: 0

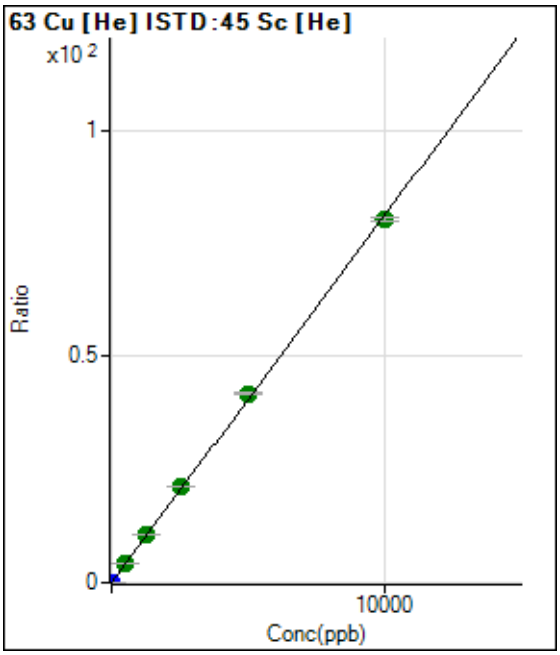
Reviewed By:mohan
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10:33:28 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	354.45	0.0004	P	1.5
2	☐	1.000	1.061	3298.17	0.0034	P	0.8
3	☐	50.000	52.506	143566.32	0.1524	P	1.0
4	☐	125.000	129.814	348957.12	0.3762	P	0.2
5	☐	250.000	255.172	685496.84	0.7391	P	2.4
6	☐	500.000	504.197	1328258.65	1.4601	P	0.4
7	☐	1000.000	995.881	2636721.57	2.8835	A	0.3
8	☐			10725.01	0.0117	P	3.0

y = 0.0029 * x + 3.6900E-004
R = 1.0000
DL = 0.005624
BEC = 0.1275

Weight: <None>
Min Conc: 0

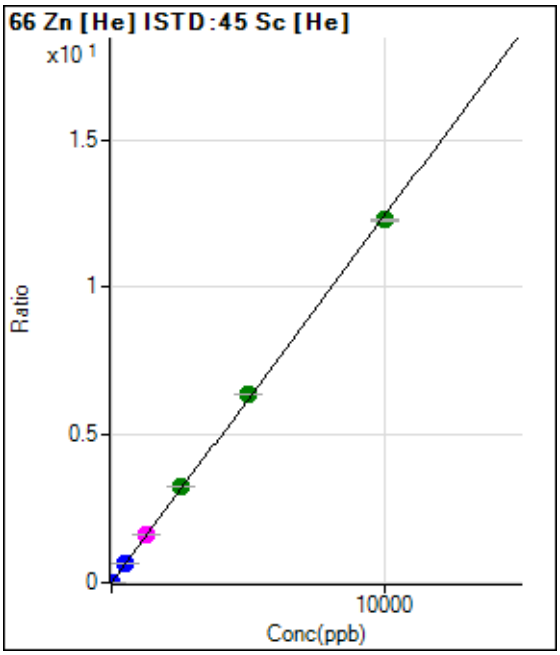


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5239.91	0.0055	P	5.1
2	☐	2.000	1.632	17928.59	0.0187	P	1.0
3	☐	500.000	536.908	4108521.05	4.3607	A	1.9
4	☐	1250.000	1307.825	9845756.31	10.6141	A	0.6
5	☐	2500.000	2609.197	19640977.07	21.1704	A	0.7
6	☐	5000.000	5156.486	38055728.32	41.8331	A	0.8
7	☐	10000.000	9885.384	73324315.57	80.1923	A	1.2
8	☐			18133.29	0.0198	P	2.1

y = 0.0081 * x + 0.0055
R = 0.9997
DL = 0.1025
BEC = 0.6725

Weight: <None>
Min Conc: 0

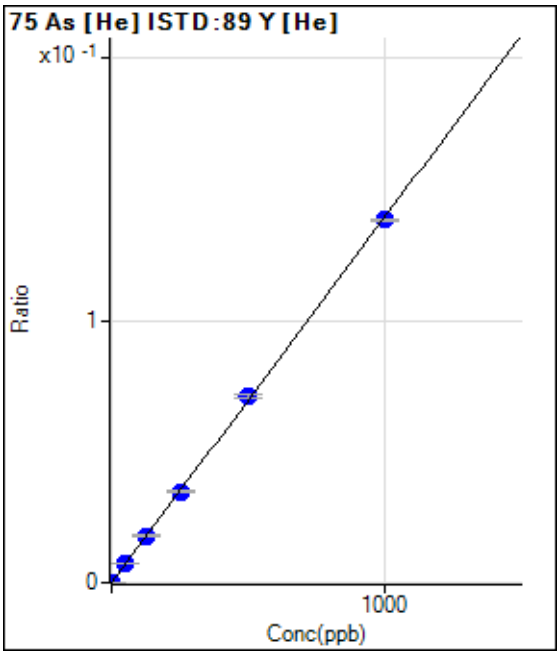
Reviewed By:mohan
On:10/24/2024
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2660.27	0.0028	P	3.3
2	☐	2.000	6.056	9871.12	0.0103	P	3.6
3	☐	500.000	529.733	622606.79	0.6608	P	0.8
4	☐	1250.000	1305.084	1506392.51	1.6240	M	0.7
5	☐	2500.000	2628.462	3031895.30	3.2679	A	0.7
6	☐	5000.000	5138.717	5809859.50	6.3862	A	0.1
7	☐	10000.000	9890.153	11236379.55	12.2886	A	0.6
8	☐			7696.49	0.0084	P	1.0

y = 0.0012 * x + 0.0028
R = 0.9998
DL = 0.2196
BEC = 2.23

Weight: <None>
Min Conc: 0

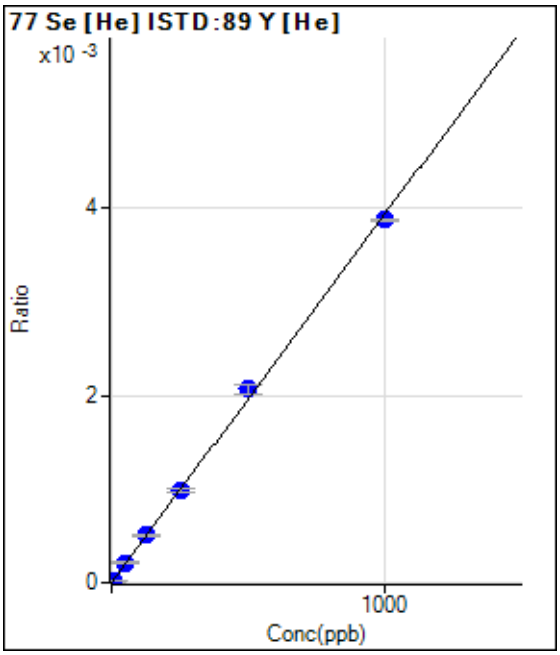


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.0
2	☐	1.000	1.031	858.92	0.0001	P	4.8
3	☐	50.000	51.441	41856.60	0.0072	P	0.7
4	☐	125.000	128.510	103509.85	0.0179	P	1.0
5	☐	250.000	249.988	202009.95	0.0348	P	2.4
6	☐	500.000	511.847	404912.03	0.0712	P	1.7
7	☐	1000.000	993.569	785874.51	0.1383	P	0.3
8	☐			405.57	0.0001	P	7.2

y = 1.3916E-004 * x + 9.4358E-007
R = 0.9999
DL = 0.01403
BEC = 0.00678

Weight: <None>
Min Conc: 0

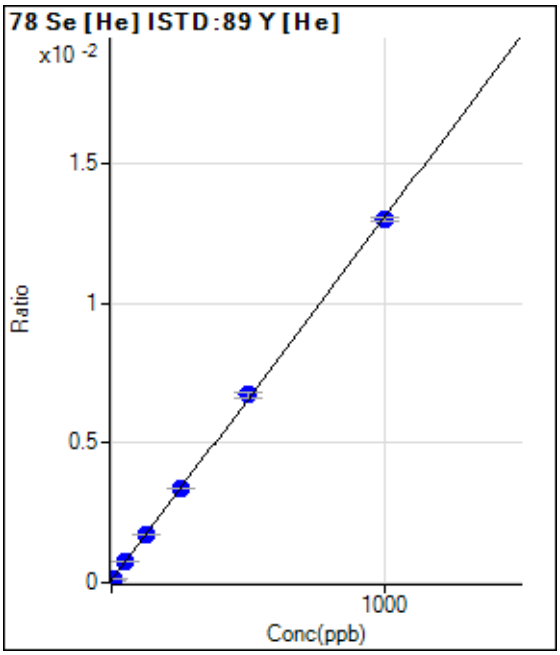
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.085	120.00	0.0000	P	13.2
3	☐	50.000	54.805	1261.18	0.0002	P	5.5
4	☐	125.000	129.055	2939.21	0.0005	P	2.0
5	☐	250.000	251.881	5755.61	0.0010	P	3.8
6	☐	500.000	525.455	11743.65	0.0021	P	5.4
7	☐	1000.000	986.055	22045.39	0.0039	P	0.6
8	☐			5.56	0.0000	P	34.8

y = 3.9334E-006 * x + 1.8887E-007
R = 0.9995
DL = 0.2495
BEC = 0.04802

Weight: <None>
Min Conc: 0

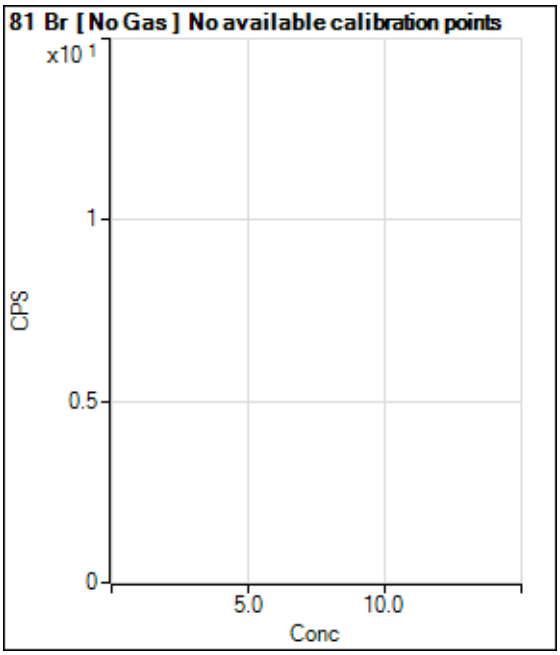


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	478.90	0.0001	P	8.3
2	☐	5.000	5.004	871.14	0.0001	P	6.4
3	☐	50.000	53.073	4505.17	0.0008	P	0.6
4	☐	125.000	128.261	10110.20	0.0017	P	0.6
5	☐	250.000	254.508	19668.75	0.0034	P	0.8
6	☐	500.000	510.406	38132.38	0.0067	P	2.3
7	☐	1000.000	993.109	73753.62	0.0130	P	1.1
8	☐			512.24	0.0001	P	2.2

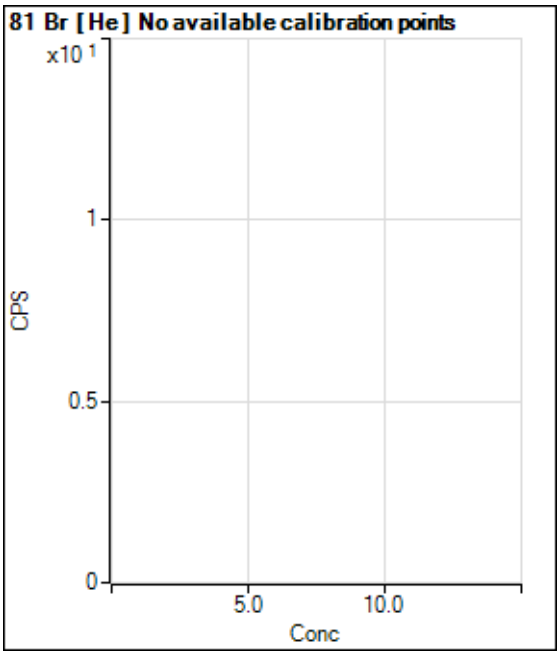
y = 1.2984E-005 * x + 8.1483E-005
R = 0.9999
DL = 1.561
BEC = 6.276

Weight: <None>
Min Conc: 0

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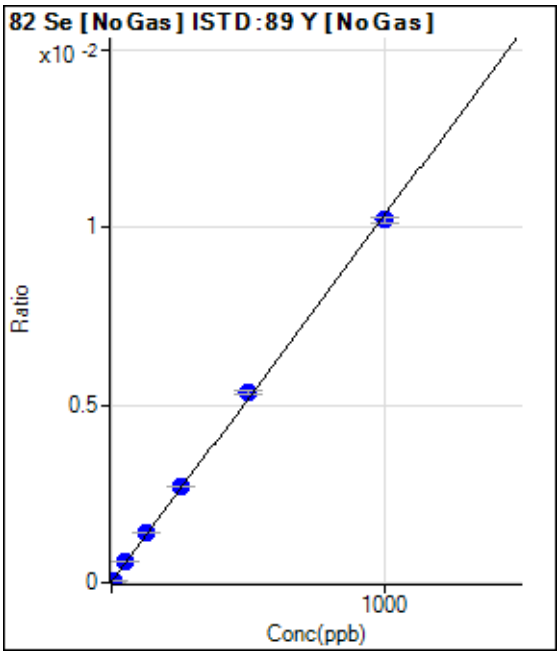


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11949.38		P	1.8
2	☐			11525.70		P	1.6
3	☐			11448.99		P	1.3
4	☐			11094.26		P	2.2
5	☐			10948.59		P	2.3
6	☐			10808.51		P	1.0
7	☐			11030.88		P	2.6
8	☐			12059.45		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			151.11		P	19.0
2	☐			88.89		P	18.9
3	☐			145.56		P	14.7
4	☐			84.44		P	12.1
5	☐			101.11		P	15.6
6	☐			94.45		P	17.4
7	☐			141.11		P	13.0
8	☐			186.67		P	3.6

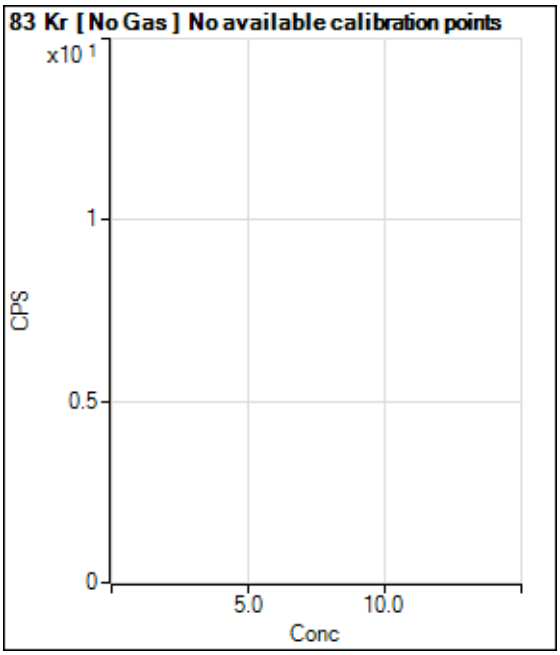
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.44	0.0000	P	12.3
2	☐	5.000	5.342	1848.29	0.0001	P	6.0
3	☐	50.000	54.568	14201.31	0.0006	P	0.6
4	☐	125.000	134.079	33858.82	0.0014	P	1.4
5	☐	250.000	262.429	66810.22	0.0027	P	0.3
6	☐	500.000	516.023	129680.17	0.0053	P	1.6
7	☐	1000.000	987.516	246451.81	0.0102	P	1.2
8	☐			735.51	0.0000	P	8.3

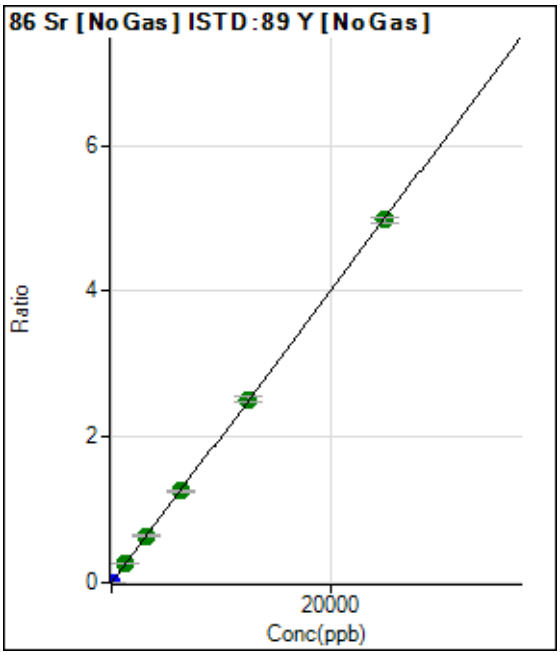
y = 1.0324E-005 * x + 2.0550E-005
R = 0.9997
DL = 0.7329
BEC = 1.99

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			365.56		P	9.5
2	☐			358.90		P	13.0
3	☐			380.01		P	19.3
4	☐			354.45		P	12.5
5	☐			367.79		P	5.3
6	☐			378.90		P	12.6
7	☐			362.23		P	7.4
8	☐			384.45		P	10.4

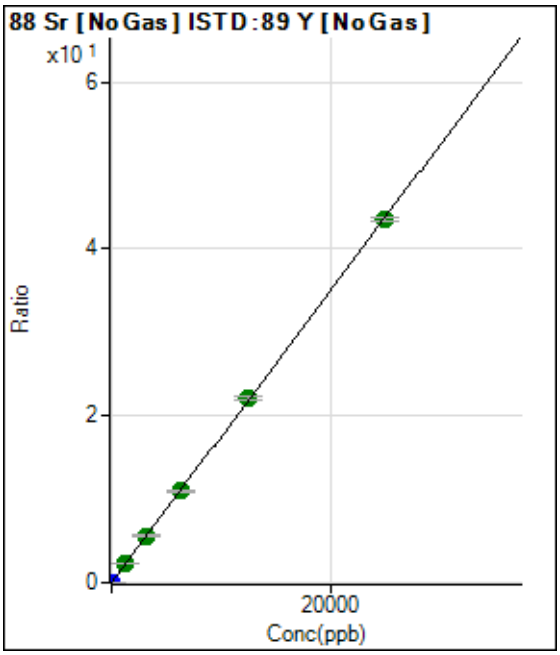
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0000	P	8.9
2	☐	1.000	0.993	5463.28	0.0002	P	2.0
3	☐	1250.000	1289.746	6267659.91	0.2577	A	0.4
4	☐	3125.000	3218.250	15496895.60	0.6430	A	2.4
5	☐	6250.000	6320.275	30903361.76	1.2628	A	1.5
6	☐	12500.000	12589.077	60986216.87	2.5152	A	2.6
7	☐	25000.000	24924.249	120131888.21	4.9797	A	1.5
8	☐			21028.44	0.0009	P	3.3

y = 1.9979E-004 * x + 2.5250E-005
R = 1.0000
DL = 0.03383
BEC = 0.1264

Weight: <None>
Min Conc: 0

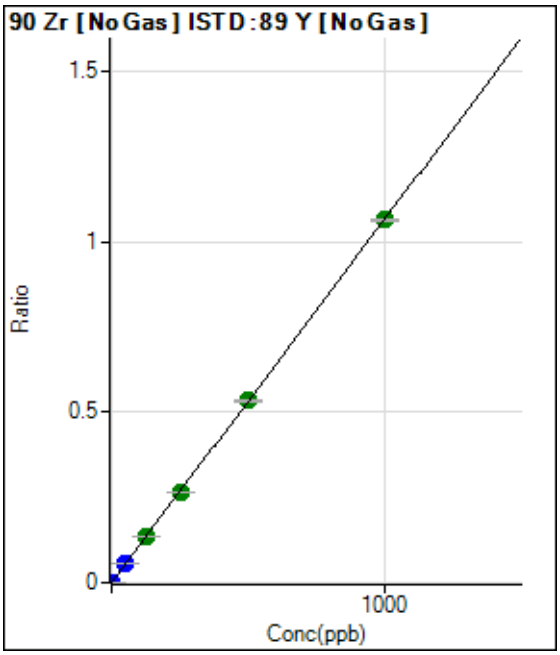


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.02	0.0000	P	1.0
2	☐	1.000	0.986	42628.40	0.0017	P	3.3
3	☐	1250.000	1287.749	54709368.63	2.2495	A	0.5
4	☐	3125.000	3216.593	135431442.43	5.6189	A	1.4
5	☐	6250.000	6289.455	268877911.55	10.9868	A	1.2
6	☐	12500.000	12661.071	536267938.67	22.1171	A	2.2
7	☐	25000.000	24896.264	1049269362.1	43.4902	A	1.0
8	☐			180812.31	0.0079	P	3.9

y = 0.0017 * x + 2.3547E-005
R = 1.0000
DL = 0.0004213
BEC = 0.01348

Weight: <None>
Min Conc: 0

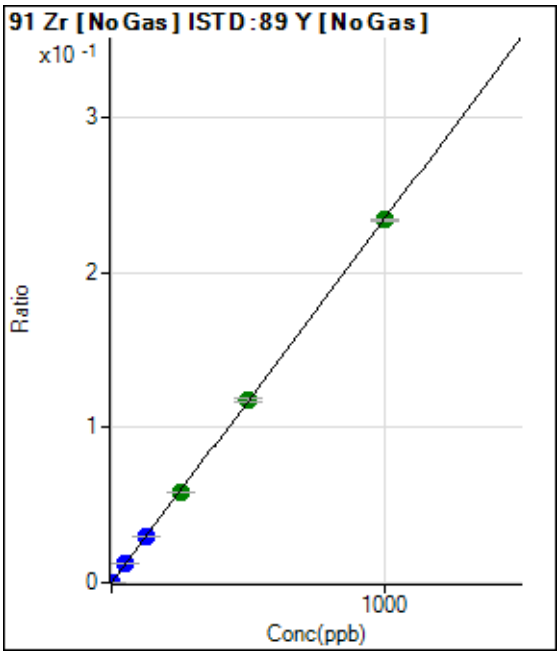
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1065.60	0.0000	P	11.3
2	☐	1.000	0.964	26186.77	0.0011	P	2.7
3	☐	50.000	50.629	1314135.75	0.0540	P	1.4
4	☐	125.000	127.004	3265600.37	0.1355	A	1.1
5	☐	250.000	248.282	6480994.97	0.2648	A	1.0
6	☐	500.000	502.313	12990237.31	0.5357	A	1.1
7	☐	1000.000	998.991	25704552.40	1.0654	A	0.5
8	☐			15427.18	0.0007	P	2.1

y = 0.0011 * x + 4.4023E-005
R = 1.0000
DL = 0.01397
BEC = 0.04128

Weight: <None>
Min Conc: 0

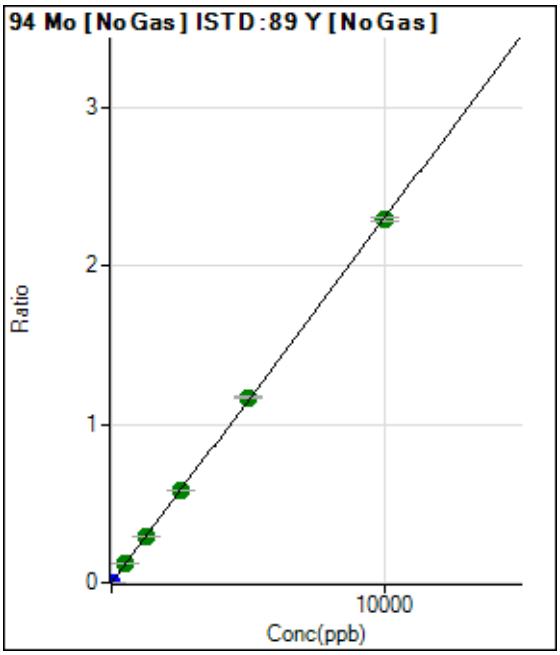


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.22	0.0000	P	14.2
2	☐	1.000	0.950	5644.47	0.0002	P	5.4
3	☐	50.000	51.148	291475.37	0.0120	P	0.8
4	☐	125.000	127.396	719168.98	0.0298	P	1.2
5	☐	250.000	249.253	1428544.67	0.0584	A	1.0
6	☐	500.000	503.992	2861457.56	0.1180	A	2.4
7	☐	1000.000	997.834	5637272.76	0.2336	A	0.4
8	☐			3491.57	0.0002	P	4.5

y = 2.3415E-004 * x + 8.7635E-006
R = 1.0000
DL = 0.0159
BEC = 0.03743

Weight: <None>
Min Conc: 0

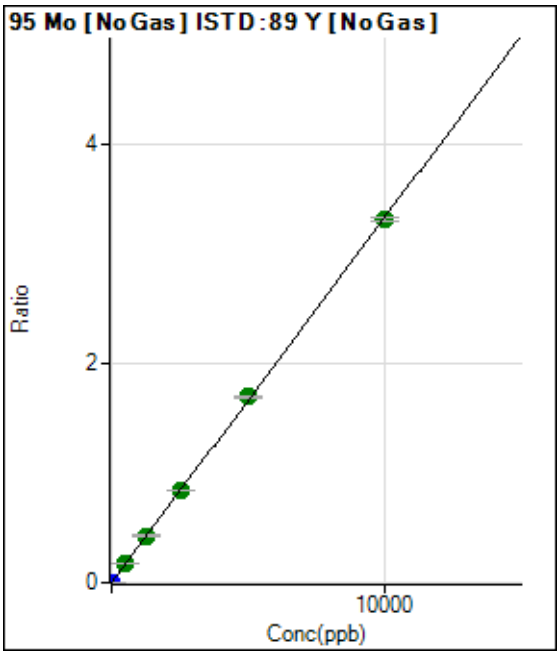
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	490.01	0.0000	P	14.6
2	☐	5.000	5.169	29557.65	0.0012	P	2.1
3	☐	500.000	508.430	2846611.76	0.1170	A	0.5
4	☐	1250.000	1274.634	7072198.78	0.2934	A	0.2
5	☐	2500.000	2529.736	14250715.90	0.5823	A	0.4
6	☐	5000.000	5070.866	28303167.08	1.1672	A	1.1
7	☐	10000.000	9953.632	55272376.95	2.2911	A	1.1
8	☐			13325.06	0.0006	P	3.7

y = 2.3017E-004 * x + 2.0249E-005
R = 1.0000
DL = 0.03854
BEC = 0.08797

Weight: <None>
Min Conc: 0

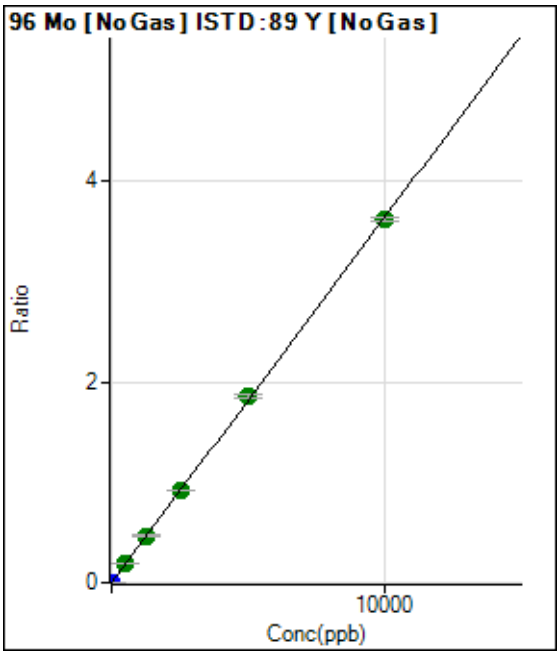


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	21.7
2	☐	5.000	4.406	35971.88	0.0015	P	4.2
3	☐	500.000	515.188	4164873.76	0.1713	A	1.0
4	☐	1250.000	1286.045	10303185.47	0.4275	A	1.4
5	☐	2500.000	2533.529	20609670.39	0.8421	A	0.4
6	☐	5000.000	5086.424	40997328.83	1.6907	A	1.7
7	☐	10000.000	9943.141	79733002.15	3.3050	A	1.2
8	☐			12660.01	0.0006	P	2.5

y = 3.3239E-004 * x + 8.5869E-006
R = 0.9999
DL = 0.01683
BEC = 0.02583

Weight: <None>
Min Conc: 0

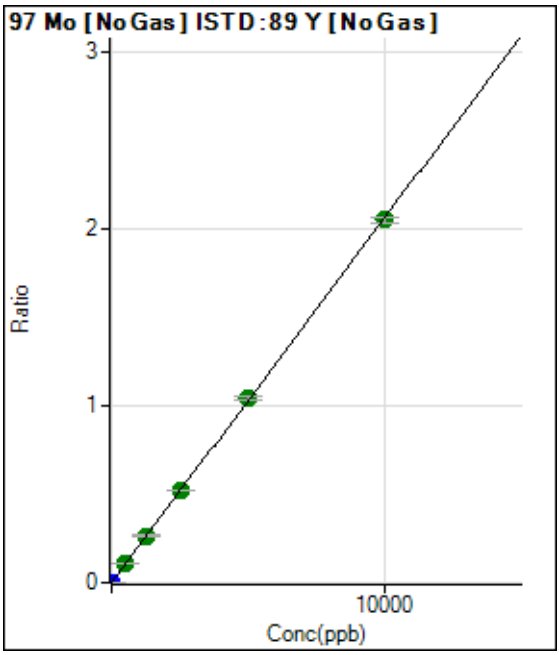
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	206.67	0.0000	P	11.7
2	☐	5.000	4.499	40156.20	0.0016	P	2.7
3	☐	500.000	513.786	4543071.29	0.1868	A	0.8
4	☐	1250.000	1290.478	11308847.19	0.4692	A	1.0
5	☐	2500.000	2535.102	22556455.50	0.9217	A	0.5
6	☐	5000.000	5092.993	44900536.00	1.8516	A	2.4
7	☐	10000.000	9938.979	87176480.92	3.6135	A	0.9
8	☐			23868.48	0.0010	P	1.7

y = 3.6356E-004 * x + 8.5403E-006
R = 0.9999
DL = 0.008274
BEC = 0.02349

Weight: <None>
Min Conc: 0

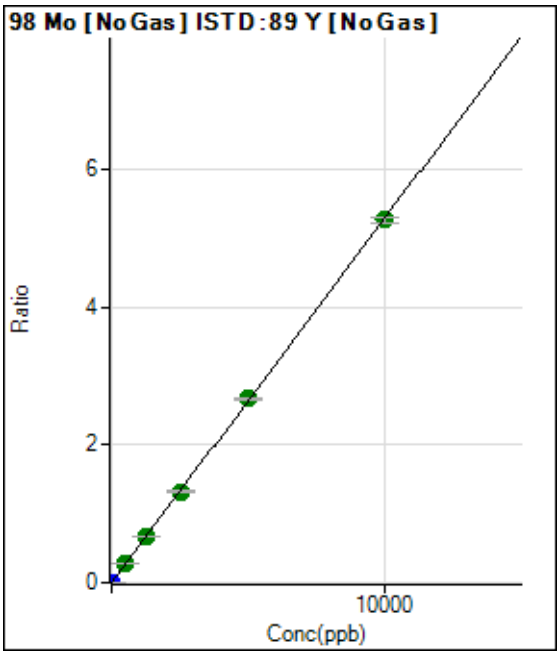


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0000	P	1.9
2	☐	5.000	4.455	22553.03	0.0009	P	3.3
3	☐	500.000	513.184	2575338.21	0.1059	A	1.2
4	☐	1250.000	1284.254	6387129.14	0.2650	A	1.3
5	☐	2500.000	2530.530	12778837.17	0.5222	A	0.8
6	☐	5000.000	5076.624	25399681.29	1.0475	A	1.9
7	☐	10000.000	9949.115	49525584.82	2.0529	A	1.4
8	☐			7665.42	0.0003	P	4.8

y = 2.0634E-004 * x + 4.2226E-006
R = 0.9999
DL = 0.001183
BEC = 0.02046

Weight: <None>
Min Conc: 0

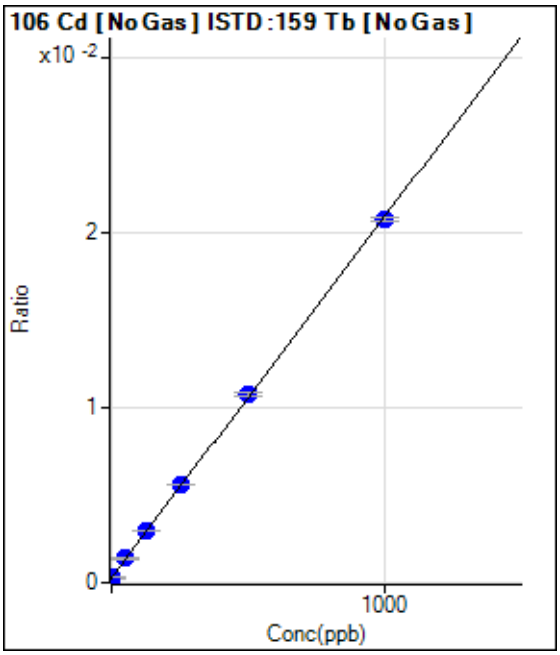
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	9.9
2	☐	5.000	4.391	56970.56	0.0023	P	2.2
3	☐	500.000	511.576	6578245.25	0.2705	A	0.9
4	☐	1250.000	1273.023	16222899.62	0.6731	A	0.9
5	☐	2500.000	2507.569	32446414.79	1.3258	A	0.1
6	☐	5000.000	5061.984	64895494.59	2.6763	A	1.3
7	☐	10000.000	9963.659	127084406.99	5.2679	A	1.9
8	☐			19043.69	0.0008	P	8.3

y = 5.2871E-004 * x + 1.0462E-005
R = 1.0000
DL = 0.005896
BEC = 0.01979

Weight: <None>
Min Conc: 0

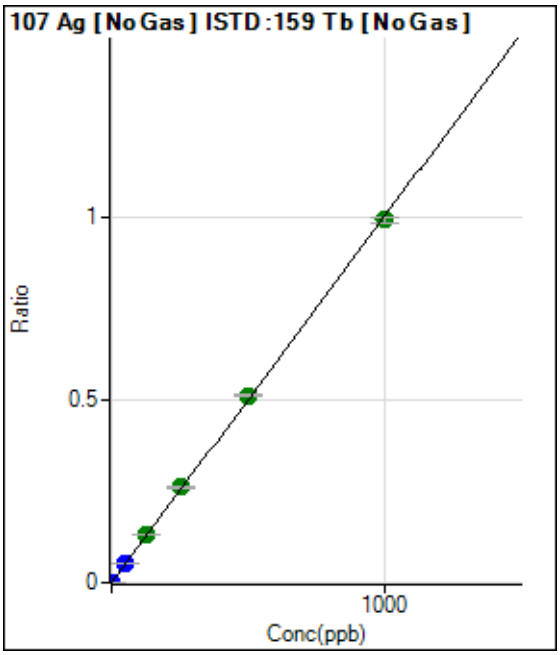


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4710.81	0.0003	P	0.6
2	☐	1.000	0.844	5059.82	0.0003	P	1.4
3	☐	50.000	53.648	23720.58	0.0014	P	2.4
4	☐	125.000	132.031	51914.60	0.0030	P	0.4
5	☐	250.000	257.622	97079.65	0.0056	P	0.8
6	☐	500.000	509.274	187300.54	0.0108	P	1.2
7	☐	1000.000	992.396	356144.00	0.0207	P	1.1
8	☐			4700.80	0.0003	P	1.3

y = 2.0594E-005 * x + 2.7424E-004
R = 0.9999
DL = 0.2424
BEC = 13.32

Weight: <None>
Min Conc: 0

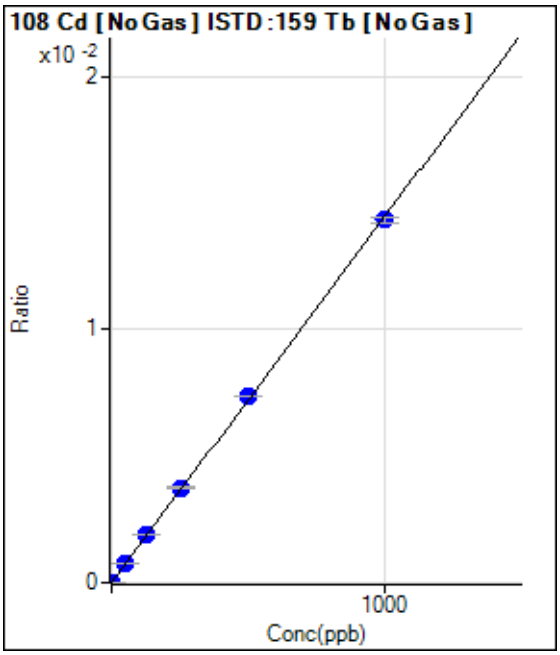
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0000	P	6.7
2	☐	1.000	0.939	16480.57	0.0009	P	0.7
3	☐	50.000	52.372	903688.59	0.0525	P	2.1
4	☐	125.000	131.473	2287347.40	0.1319	A	1.5
5	☐	250.000	261.373	4561421.91	0.2622	A	1.2
6	☐	500.000	511.247	8924781.18	0.5128	A	1.2
7	☐	1000.000	990.606	17085803.22	0.9936	A	1.6
8	☐			2430.23	0.0001	P	11.1

y = 0.0010 * x + 8.2127E-006
R = 0.9998
DL = 0.001634
BEC = 0.008188

Weight: <None>
Min Conc: 0

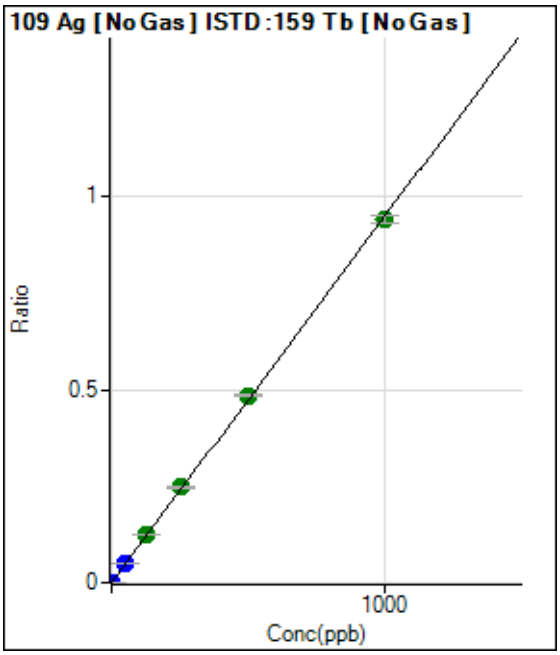


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.2
2	☐	1.000	0.971	255.56	0.0000	P	20.5
3	☐	50.000	54.057	13437.43	0.0008	P	3.8
4	☐	125.000	130.794	32770.32	0.0019	P	1.2
5	☐	250.000	258.223	64890.95	0.0037	P	1.9
6	☐	500.000	510.081	128208.54	0.0074	P	0.8
7	☐	1000.000	991.977	246328.38	0.0143	P	1.9
8	☐			101.11	0.0000	P	29.1

y = 1.4441E-005 * x + 7.1093E-007
R = 0.9999
DL = 0.02241
BEC = 0.04923

Weight: <None>
Min Conc: 0

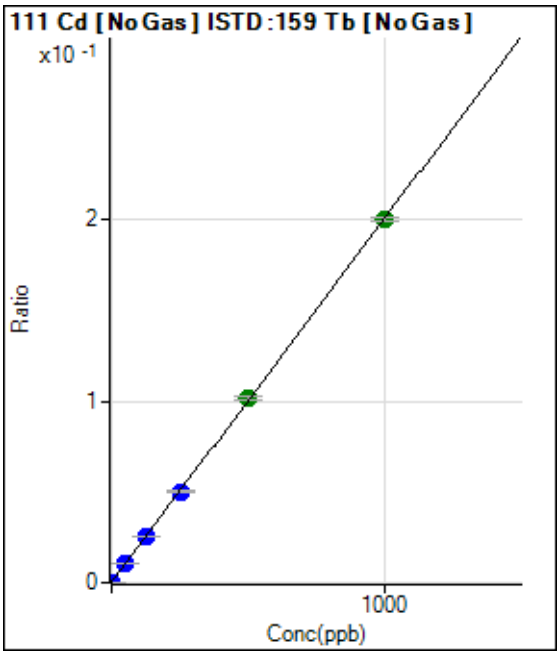
Reviewed By:mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0000	P	3.2
2	☐	1.000	0.925	15278.15	0.0009	P	1.5
3	☐	50.000	52.039	847781.43	0.0493	P	2.7
4	☐	125.000	130.555	2144623.20	0.1237	A	0.6
5	☐	250.000	260.468	4292275.60	0.2467	A	0.6
6	☐	500.000	510.807	8419906.75	0.4838	A	1.0
7	☐	1000.000	991.183	16141195.59	0.9388	A	2.2
8	☐			2261.32	0.0001	P	11.6

y = 9.4712E-004 * x + 4.3342E-006
R = 0.9998
DL = 0.0004429
BEC = 0.004576

Weight: <None>
Min Conc: 0

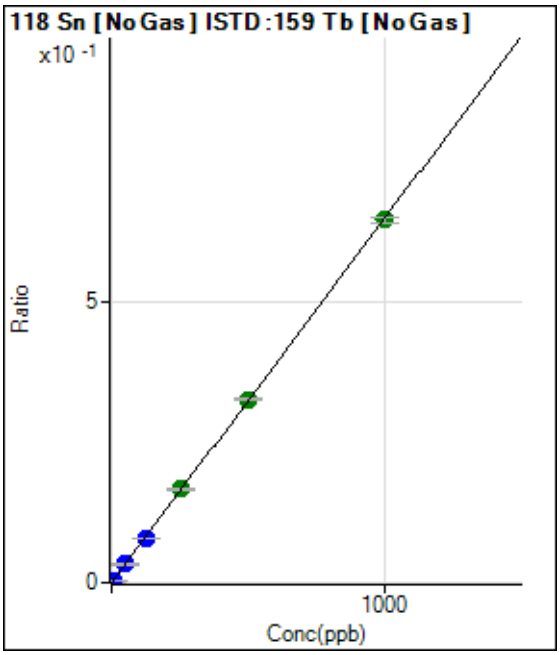


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3296.80	0.0002	P	0.5
2	☐	1.000	1.015	6860.11	0.0004	P	2.0
3	☐	50.000	51.798	181902.90	0.0106	P	1.7
4	☐	125.000	126.587	443438.49	0.0256	P	0.4
5	☐	250.000	249.501	873503.10	0.0502	P	1.3
6	☐	500.000	506.780	1771344.15	0.1018	A	1.3
7	☐	1000.000	996.446	3438112.96	0.1999	A	1.2
8	☐			3656.46	0.0002	P	1.9

y = 2.0046E-004 * x + 1.9192E-004
R = 1.0000
DL = 0.01442
BEC = 0.9574

Weight: <None>
Min Conc: 0

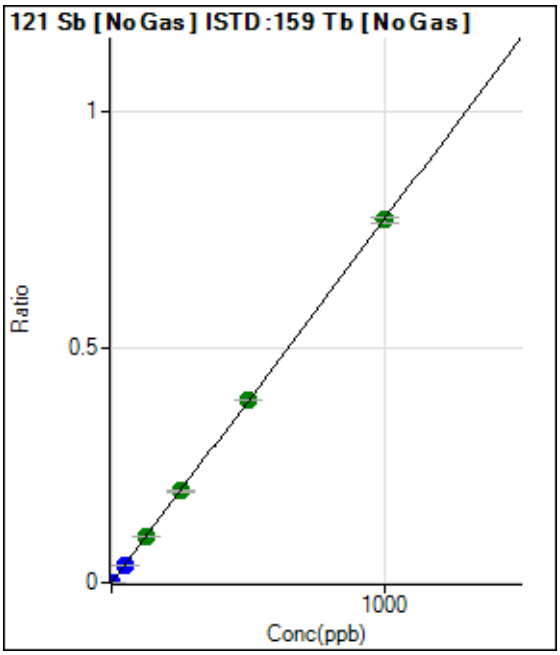
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2055.72	0.0001	P	1.6
2	☐	5.000	4.655	54464.67	0.0031	P	1.3
3	☐	50.000	50.085	560895.74	0.0326	P	1.6
4	☐	125.000	123.450	1390924.94	0.0802	P	0.4
5	☐	250.000	257.181	2904545.16	0.1669	A	1.8
6	☐	500.000	504.049	5692293.18	0.3271	A	0.2
7	☐	1000.000	996.371	11115933.17	0.6464	A	1.4
8	☐			6872.81	0.0004	P	0.3

y = 6.4867E-004 * x + 1.1967E-004
R = 1.0000
DL = 0.008726
BEC = 0.1845

Weight: <None>
Min Conc: 0

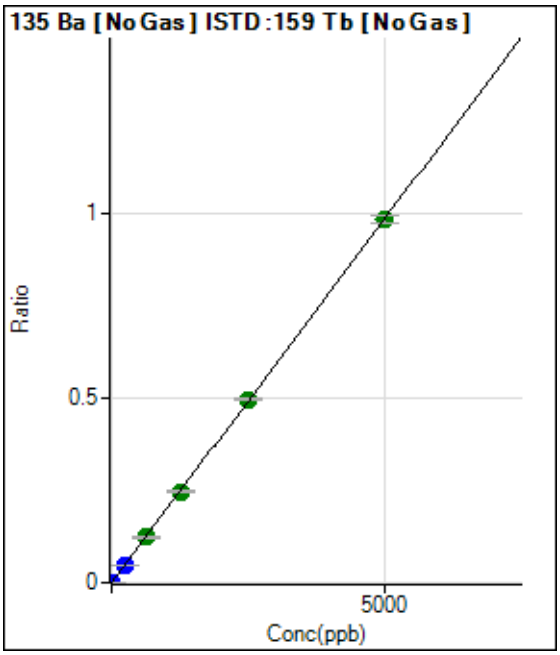


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	22.1
2	☐	2.000	1.875	25284.48	0.0015	P	2.4
3	☐	50.000	49.300	655302.92	0.0381	P	2.3
4	☐	125.000	127.386	1707130.84	0.0984	A	1.1
5	☐	250.000	253.063	3401953.32	0.1955	A	2.0
6	☐	500.000	501.917	6749119.00	0.3878	A	0.6
7	☐	1000.000	998.013	13259790.50	0.7711	A	1.5
8	☐			9355.35	0.0006	P	4.6

y = 7.7263E-004 * x + 8.7403E-006
R = 1.0000
DL = 0.007501
BEC = 0.01131

Weight: <None>
Min Conc: 0

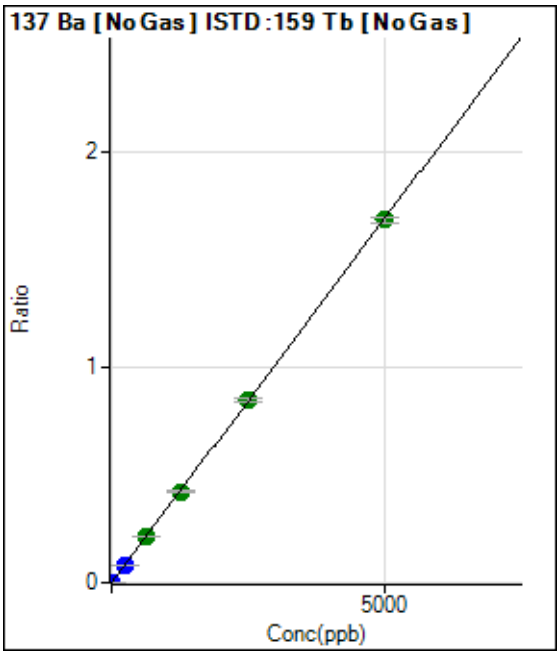
Reviewed By:mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	25.4
2	☐	10.000	8.936	30544.98	0.0018	P	1.5
3	☐	250.000	243.359	822636.58	0.0478	P	1.3
4	☐	625.000	623.562	2125020.73	0.1225	A	1.4
5	☐	1250.000	1250.359	4274575.32	0.2457	A	1.0
6	☐	2500.000	2521.199	8621647.02	0.4954	A	0.8
7	☐	5000.000	4989.825	16858076.42	0.9804	A	2.0
8	☐			6807.24	0.0004	P	0.9

y = 1.9649E-004 * x + 4.5236E-006
R = 1.0000
DL = 0.01751
BEC = 0.02302

Weight: <None>
Min Conc: 0

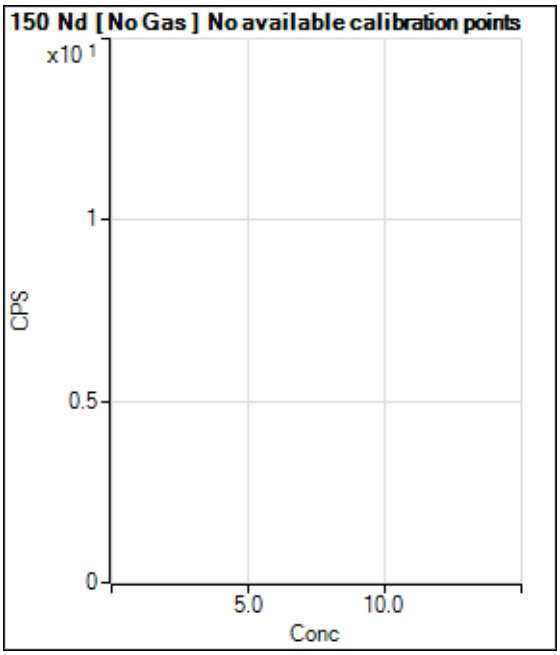


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	11.6
2	☐	10.000	9.057	53195.64	0.0031	P	0.4
3	☐	250.000	243.525	1415126.14	0.0823	P	1.2
4	☐	625.000	640.451	3752306.43	0.2163	A	0.6
5	☐	1250.000	1252.723	7362764.89	0.4232	A	0.8
6	☐	2500.000	2523.268	14833236.44	0.8524	A	2.1
7	☐	5000.000	4986.079	28960900.40	1.6843	A	1.4
8	☐			11905.09	0.0007	P	3.3

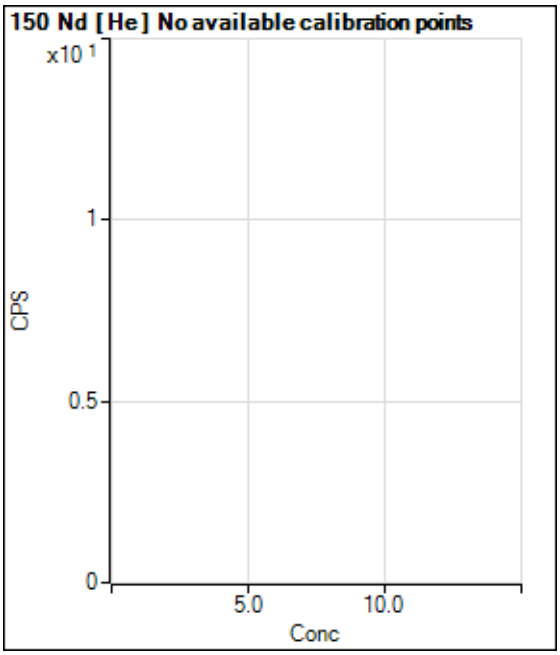
y = 3.3779E-004 * x + 6.4657E-006
R = 1.0000
DL = 0.006652
BEC = 0.01914

Weight: <None>
Min Conc: 0

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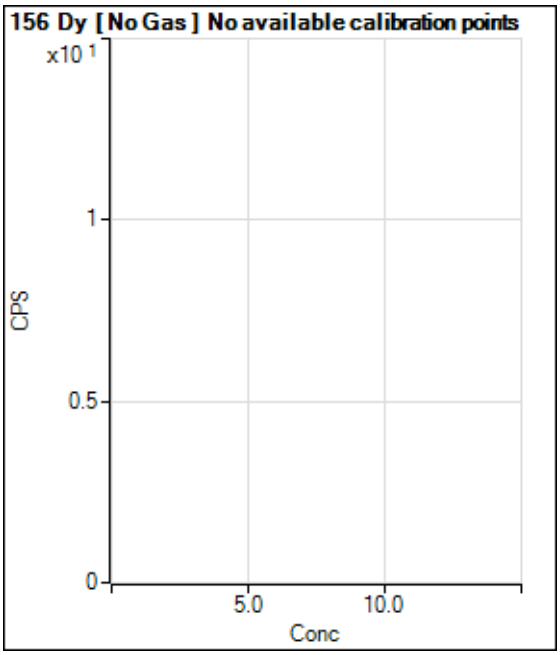


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	NaN
2	☐			20.00		P	44.1
3	☐			42.22		P	22.8
4	☐			90.00		P	9.8
5	☐			175.56		P	4.4
6	☐			300.01		P	17.5
7	☐			583.35		P	5.9
8	☐			230.00		P	16.5

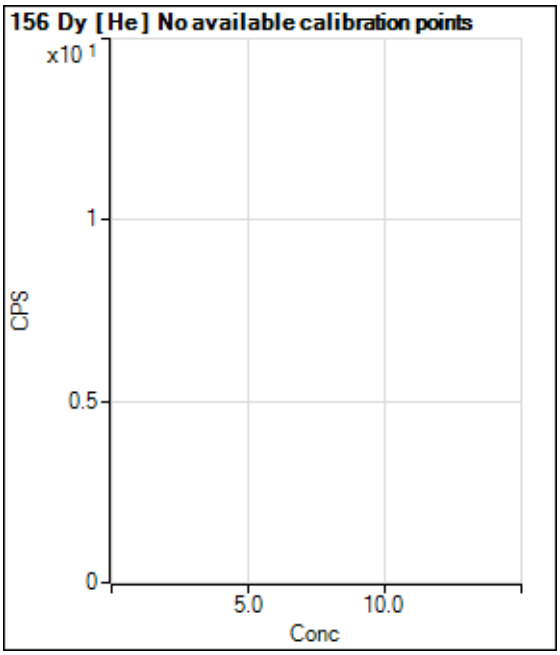


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	57.8
2	☐			6.66		P	86.6
3	☐			13.33		P	66.2
4	☐			28.89		P	46.6
5	☐			35.55		P	30.1
6	☐			68.89		P	24.4
7	☐			132.23		P	18.6
8	☐			146.67		P	14.2

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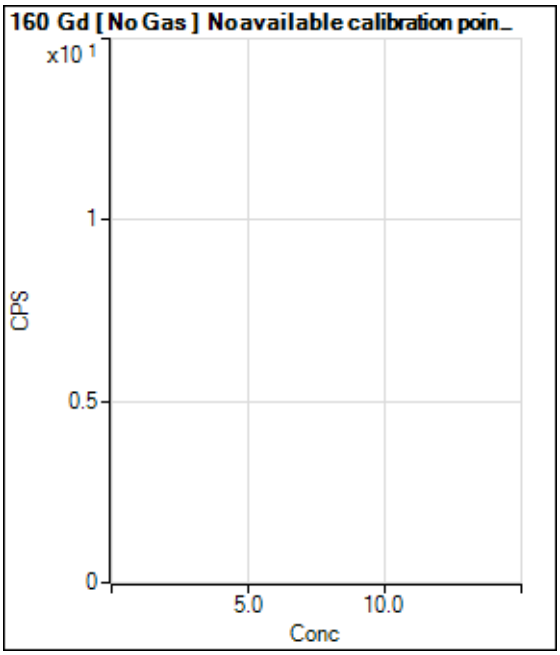


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	52.9
2	☐			36.66		P	31.5
3	☐			36.67		P	15.7
4	☐			38.89		P	21.6
5	☐			86.67		P	17.6
6	☐			151.11		P	27.6
7	☐			246.67		P	10.6
8	☐			424.45		P	5.0

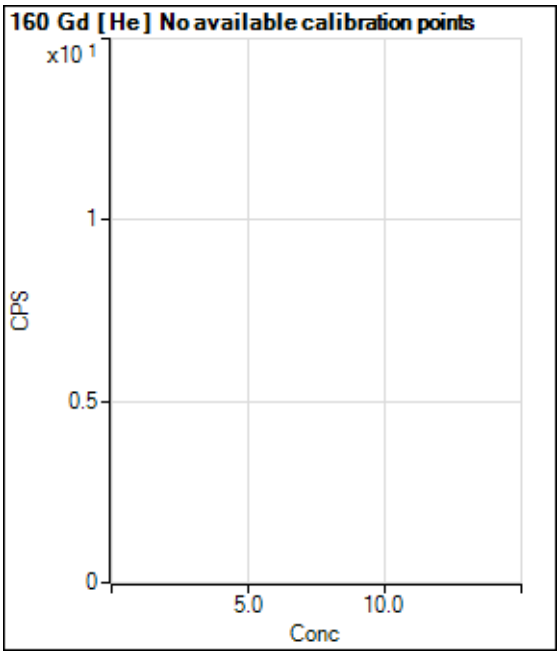


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	92.5
2	☐			8.89		P	21.6
3	☐			55.56		P	3.5
4	☐			101.11		P	28.0
5	☐			168.89		P	8.9
6	☐			350.01		P	13.2
7	☐			632.24		P	6.1
8	☐			356.67		P	2.8

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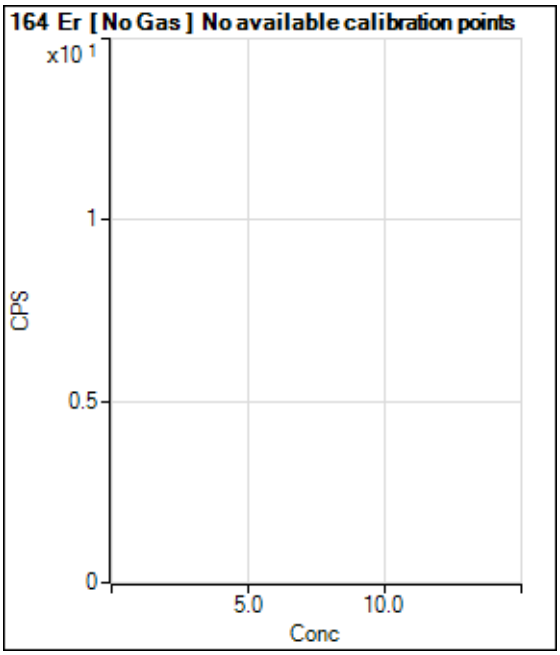


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			62.22		P	13.5
2	☐			84.45		P	16.0
3	☐			93.33		P	24.7
4	☐			97.78		P	29.4
5	☐			115.56		P	1.7
6	☐			138.89		P	20.0
7	☐			197.78		P	20.0
8	☐			437.79		P	1.9

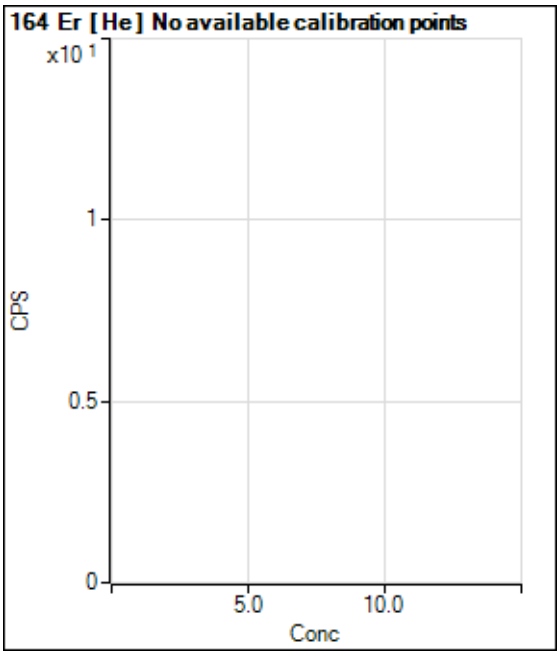


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			388.90		P	26.7
2	☐			332.23		P	21.8
3	☐			380.01		P	4.0
4	☐			365.57		P	0.5
5	☐			366.67		P	15.3
6	☐			386.67		P	9.1
7	☐			412.23		P	30.4
8	☐			626.69		P	8.6

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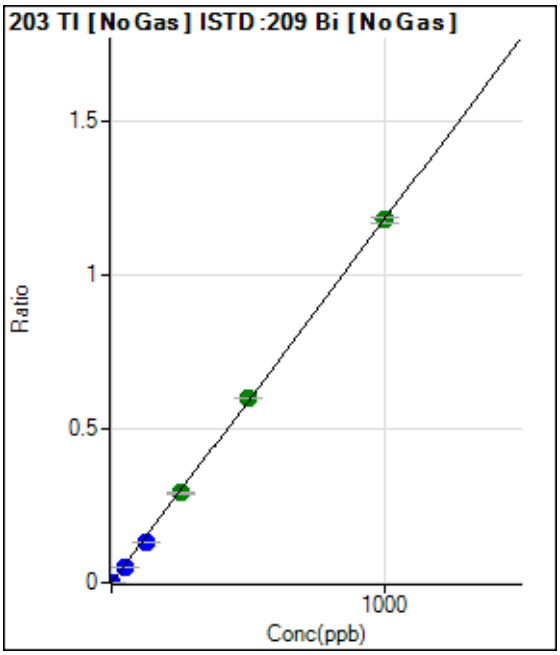


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			137.78		P	20.6
2	☐			121.11		P	22.2
3	☐			112.22		P	9.5
4	☐			168.89		P	9.7
5	☐			162.23		P	5.9
6	☐			187.78		P	5.4
7	☐			256.67		P	15.8
8	☐			553.35		P	6.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			88.89		P	22.0
2	☐			71.11		P	25.8
3	☐			86.67		P	13.9
4	☐			78.89		P	8.8
5	☐			108.89		P	10.7
6	☐			136.67		P	6.5
7	☐			161.11		P	10.6
8	☐			368.90		P	7.6

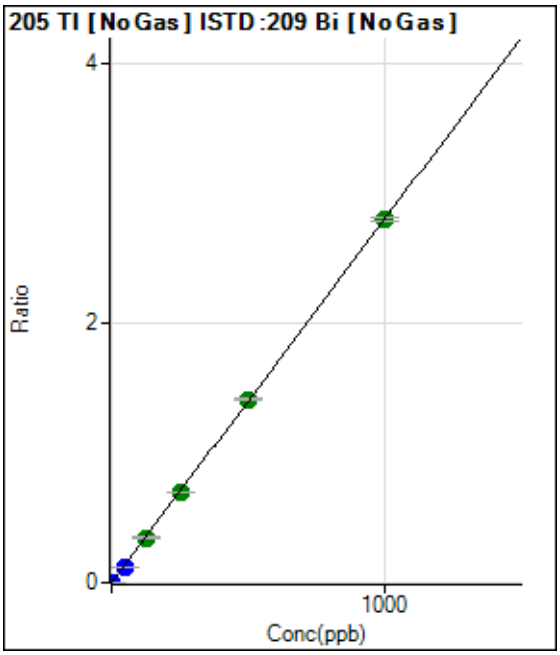
Reviewed By:mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	6.6
2	☐	1.000	0.816	9769.13	0.0010	P	1.5
3	☐	50.000	44.034	518782.20	0.0520	P	1.2
4	☐	125.000	109.892	1294288.63	0.1297	P	1.9
5	☐	250.000	248.290	2913734.61	0.2931	A	2.2
6	☐	500.000	507.698	5833466.16	0.5993	A	0.4
7	☐	1000.000	998.765	11386043.86	1.1790	A	1.9
8	☐			1304.52	0.0002	P	8.6

y = 0.0012 * x + 1.3704E-005
R = 0.9998
DL = 0.0023
BEC = 0.01161

Weight: <None>
Min Conc: 0

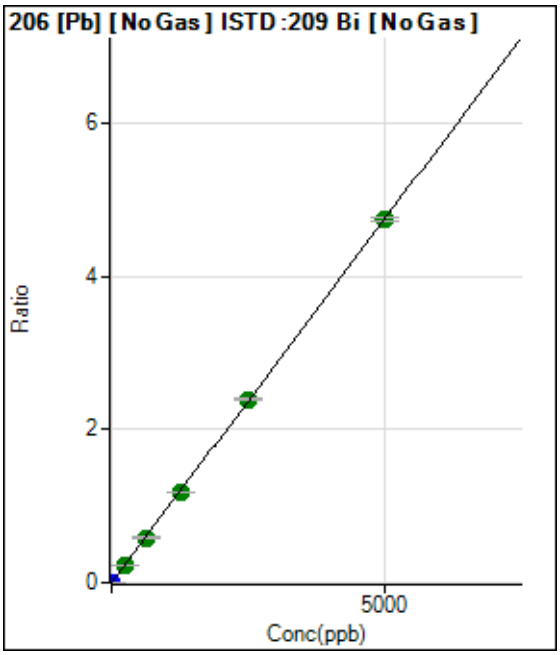


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0000	P	6.4
2	☐	1.000	0.832	23666.22	0.0024	P	0.7
3	☐	50.000	44.059	1229255.82	0.1232	P	0.9
4	☐	125.000	124.268	3465607.69	0.3474	A	2.8
5	☐	250.000	248.019	6892986.49	0.6934	A	0.7
6	☐	500.000	504.769	13733103.55	1.4111	A	1.1
7	☐	1000.000	998.500	26956749.32	2.7912	A	1.0
8	☐			2979.25	0.0003	P	8.8

y = 0.0028 * x + 4.0646E-005
R = 1.0000
DL = 0.002803
BEC = 0.01454

Weight: <None>
Min Conc: 0

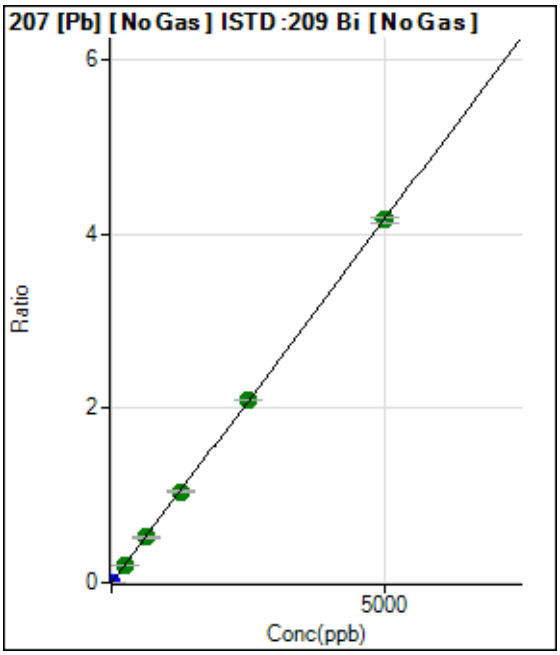
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0001	P	9.6
2	☐	1.000	0.868	8739.55	0.0009	P	1.2
3	☐	250.000	247.926	2346324.60	0.2352	A	1.0
4	☐	625.000	620.535	5871438.32	0.5885	A	1.2
5	☐	1250.000	1246.211	11749386.91	1.1819	A	0.8
6	☐	2500.000	2519.688	23256698.26	2.3895	A	0.6
7	☐	5000.000	4991.765	45715797.10	4.7338	A	1.2
8	☐			7844.56	0.0009	P	2.3

y = 9.4832E-004 * x + 5.0714E-005
R = 1.0000
DL = 0.01537
BEC = 0.05348

Weight: <None>
Min Conc: 0

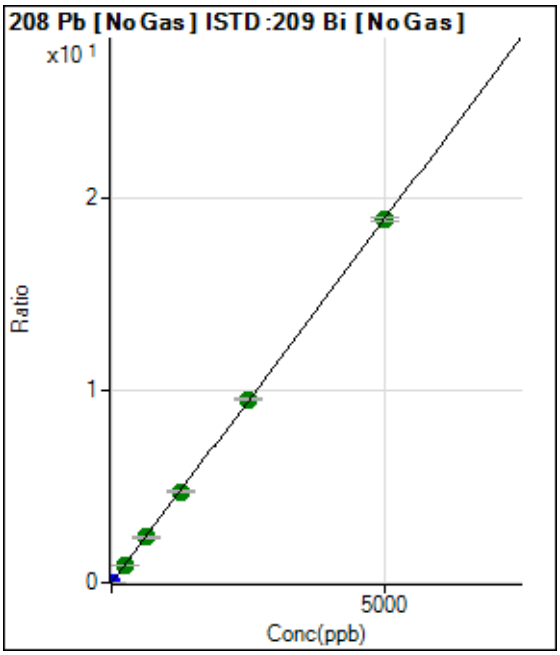


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	7.8
2	☐	1.000	0.888	7776.73	0.0008	P	1.0
3	☐	250.000	248.050	2066000.16	0.2071	A	1.5
4	☐	625.000	622.520	5184364.75	0.5196	A	0.6
5	☐	1250.000	1256.103	10423459.08	1.0484	A	0.3
6	☐	2500.000	2512.092	20407052.06	2.0967	A	0.7
7	☐	5000.000	4992.836	40243441.34	4.1673	A	1.5
8	☐			6675.03	0.0008	P	5.3

y = 8.3464E-004 * x + 3.6676E-005
R = 1.0000
DL = 0.0103
BEC = 0.04394

Weight: <None>
Min Conc: 0

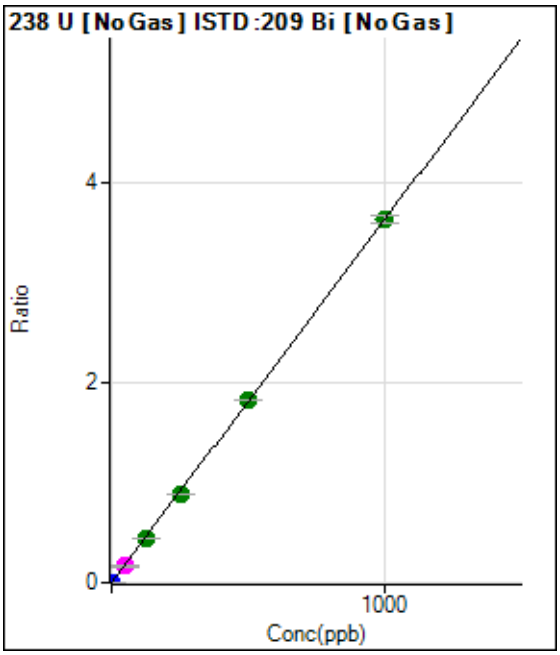
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1852.29	0.0002	P	7.7
2	☐	1.000	0.877	35123.57	0.0035	P	0.8
3	☐	250.000	249.341	9426889.31	0.9448	A	1.0
4	☐	625.000	623.180	23555982.32	2.3611	A	1.2
5	☐	1250.000	1253.874	47227502.56	4.7505	A	1.0
6	☐	2500.000	2519.669	92909872.92	9.5459	A	0.6
7	☐	5000.000	4989.458	182548769.22	18.9027	A	1.2
8	☐			30838.44	0.0036	P	4.5

y = 0.0038 * x + 1.8871E-004
R = 1.0000
DL = 0.01156
BEC = 0.04981

Weight: <None>
Min Conc: 0

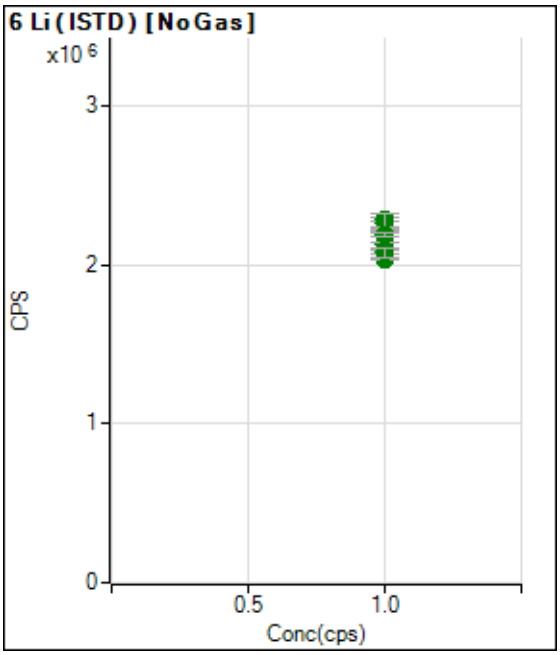


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	23.9
2	☐	1.000	0.799	28994.87	0.0029	P	1.4
3	☐	50.000	46.485	1681702.84	0.1686	M	8.8
4	☐	125.000	122.066	4416429.48	0.4427	A	1.5
5	☐	250.000	245.720	8859489.73	0.8911	A	0.1
6	☐	500.000	503.392	17768417.10	1.8256	A	0.5
7	☐	1000.000	999.917	35018125.03	3.6263	A	2.0
8	☐			2125.74	0.0002	P	10.5

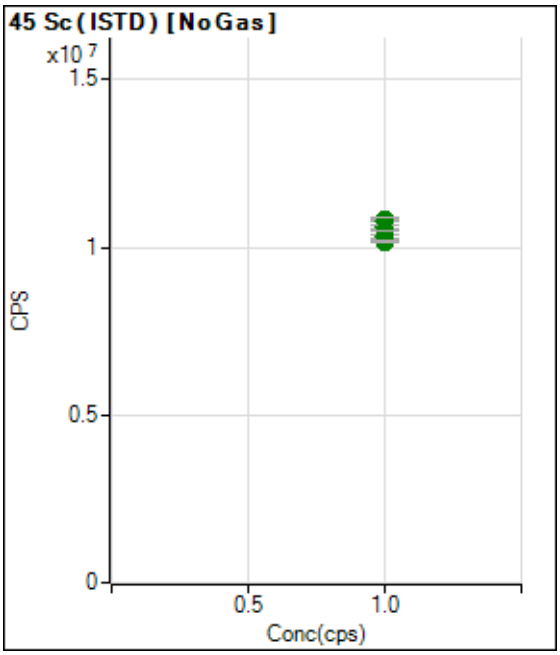
y = 0.0036 * x + 4.1940E-006
R = 1.0000
DL = 0.00083
BEC = 0.001156

Weight: <None>
Min Conc: 0

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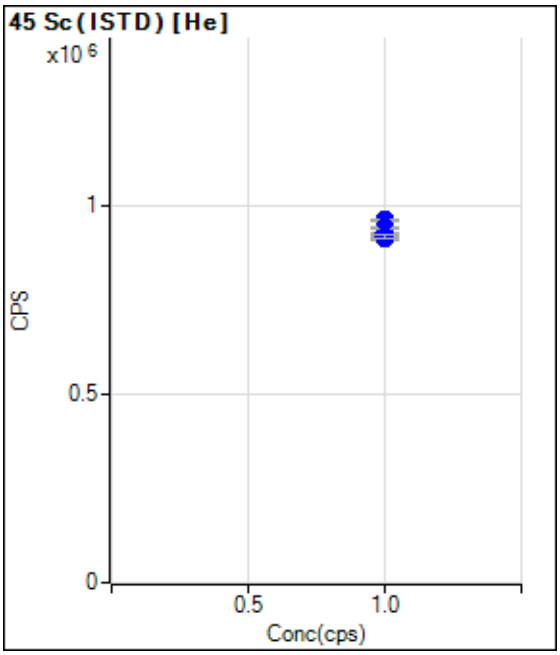


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2032677.90		A	0.4
2	☐	1.000		2080744.50		A	0.7
3	☐	1.000		2124146.88		A	1.5
4	☐	1.000		2237251.01		A	2.7
5	☐	1.000		2257621.91		A	3.4
6	☐	1.000		2280553.44		A	3.6
7	☐	1.000		2188241.62		A	1.0
8	☐	1.000		2077587.43		A	2.8

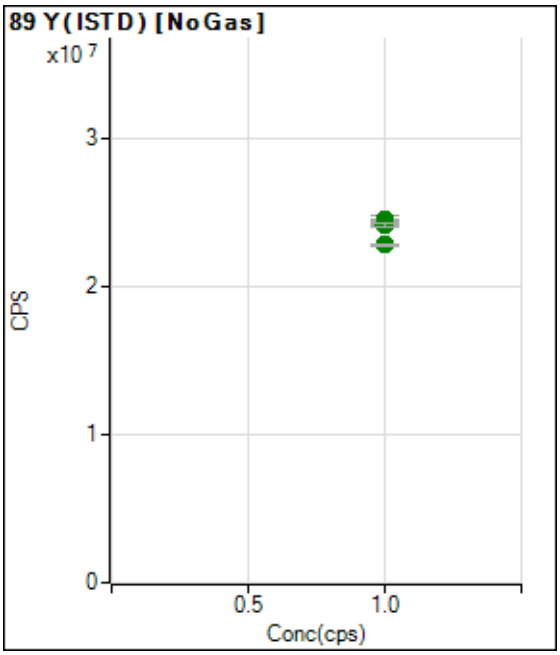


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10763484.98		A	1.3
2	☐	1.000		10817607.34		A	0.4
3	☐	1.000		10778989.28		A	2.0
4	☐	1.000		10593616.92		A	0.9
5	☐	1.000		10592505.26		A	1.0
6	☐	1.000		10327070.68		A	1.3
7	☐	1.000		10475390.05		A	0.2
8	☐	1.000		10167539.99		A	0.2

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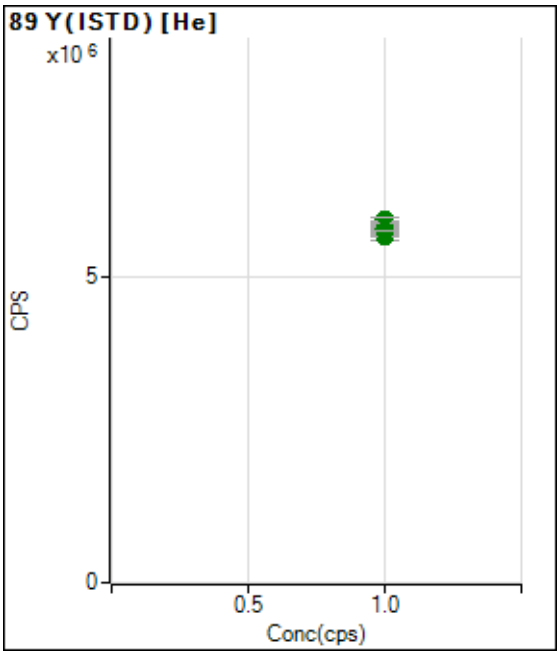


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1	☐	1.000		960588.10		P	0.7
2	☐	1.000		958973.74		P	0.3
3	☐	1.000		942175.86		P	0.0
4	☐	1.000		927605.15		P	0.3
5	☐	1.000		927716.32		P	1.8
6	☐	1.000		909743.29		P	0.9
7	☐	1.000		914399.12		P	0.6
8	☐	1.000		916562.12		P	0.7

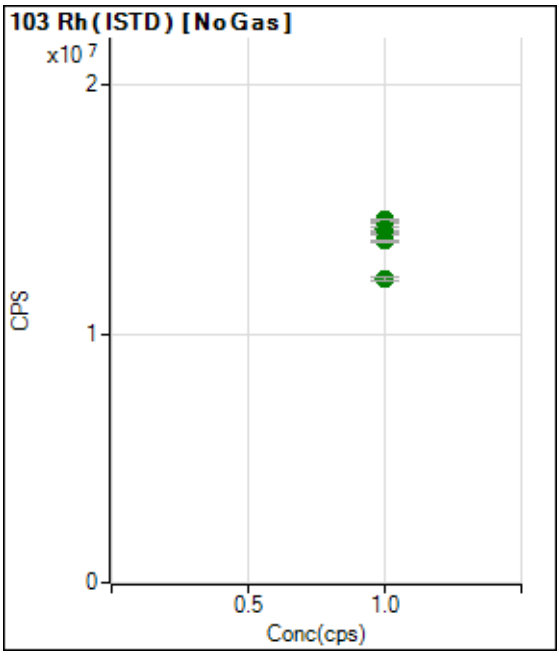


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24207969.92		A	0.5
2	☐	1.000		24435034.91		A	2.4
3	☐	1.000		24320681.86		A	0.4
4	☐	1.000		24104169.36		A	1.0
5	☐	1.000		24473333.80		A	0.3
6	☐	1.000		24250376.31		A	1.1
7	☐	1.000		24126568.81		A	1.1
8	☐	1.000		22789652.16		A	0.6

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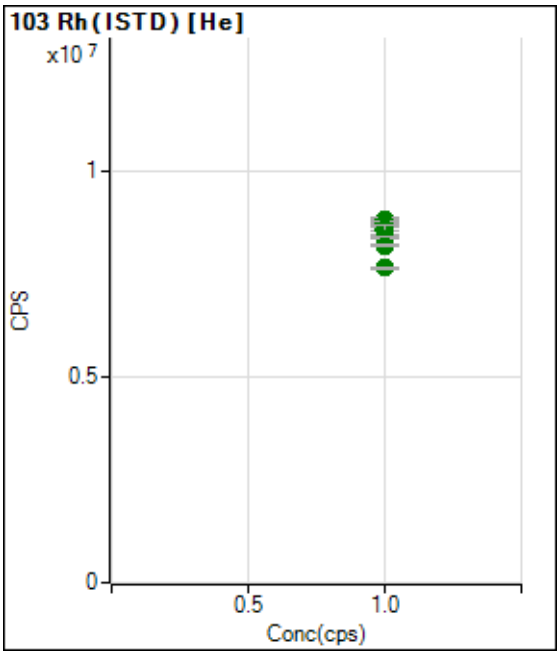


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5875919.98		A	0.4
2	☐	1.000		5949072.41		A	1.2
3	☐	1.000		5846217.76		A	0.7
4	☐	1.000		5787785.96		A	0.7
5	☐	1.000		5808820.96		A	2.5
6	☐	1.000		5685865.82		A	2.2
7	☐	1.000		5683648.67		A	0.3
8	☐	1.000		5770728.59		A	0.5

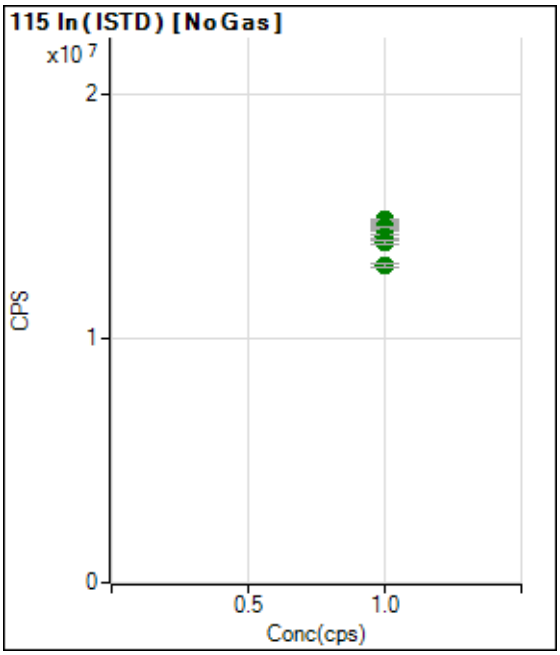


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14491263.12		A	0.5
2	☐	1.000		14536482.70		A	0.3
3	☐	1.000		14587182.01		A	0.5
4	☐	1.000		14227386.45		A	0.6
5	☐	1.000		14098331.46		A	0.3
6	☐	1.000		13987715.90		A	0.3
7	☐	1.000		13724494.10		A	1.1
8	☐	1.000		12231502.32		A	1.0

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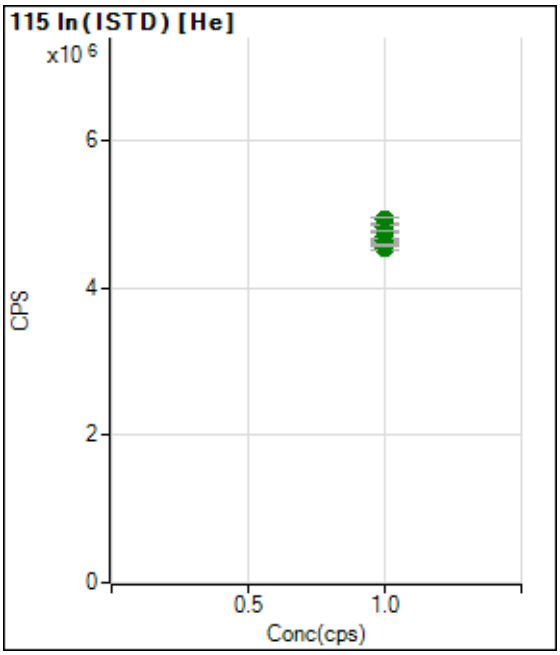


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8798735.42		A	0.9
2	☐	1.000		8821906.61		A	1.4
3	☐	1.000		8743989.31		A	1.4
4	☐	1.000		8611600.57		A	1.1
5	☐	1.000		8565802.23		A	2.6
6	☐	1.000		8384141.33		A	0.9
7	☐	1.000		8200679.18		A	0.9
8	☐	1.000		7655532.66		A	0.4

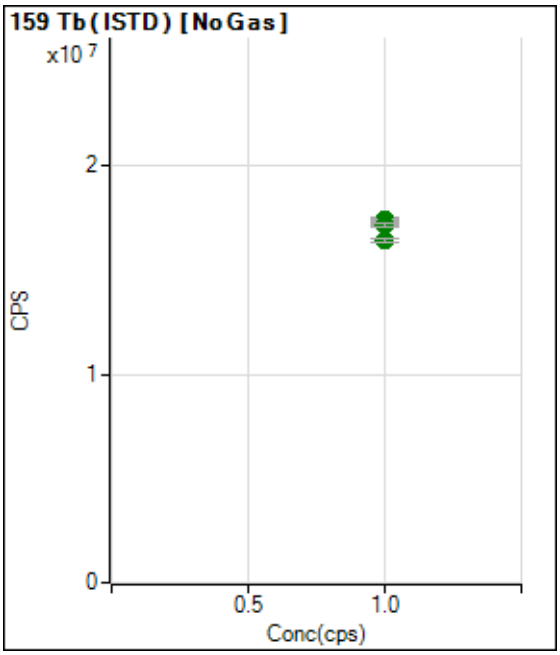


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14610883.19		A	1.4
2	☐	1.000		14871014.09		A	0.4
3	☐	1.000		14587061.50		A	1.2
4	☐	1.000		14597405.71		A	2.0
5	☐	1.000		14558649.59		A	0.3
6	☐	1.000		14204878.14		A	0.9
7	☐	1.000		13941763.11		A	0.8
8	☐	1.000		13041573.07		A	1.2

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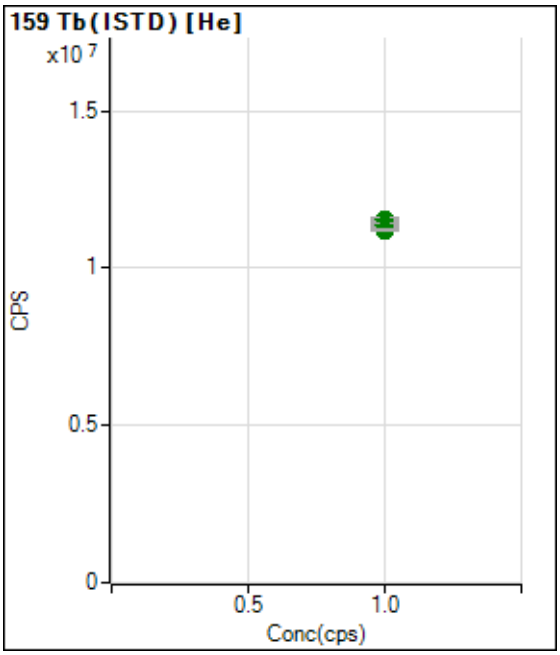


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1	☐	1.000		4873293.13		A	0.6
2	☐	1.000		4922463.11		A	1.3
3	☐	1.000		4816523.29		A	1.5
4	☐	1.000		4758308.87		A	0.8
5	☐	1.000		4704255.99		A	2.8
6	☐	1.000		4649289.97		A	1.3
7	☐	1.000		4546875.66		A	1.0
8	☐	1.000		4582950.01		A	0.2

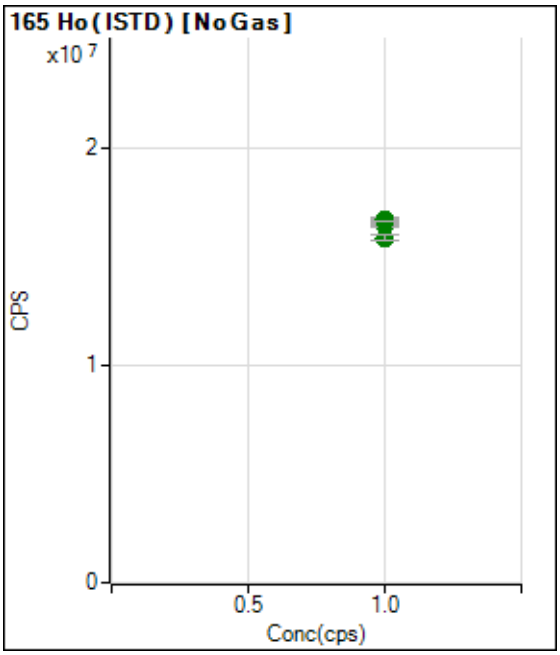


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17177962.80		A	0.6
2	☐	1.000		17351218.21		A	0.3
3	☐	1.000		17203036.69		A	1.2
4	☐	1.000		17343688.63		A	0.3
5	☐	1.000		17399475.16		A	1.0
6	☐	1.000		17403299.46		A	0.5
7	☐	1.000		17196646.13		A	1.1
8	☐	1.000		16410046.14		A	0.8

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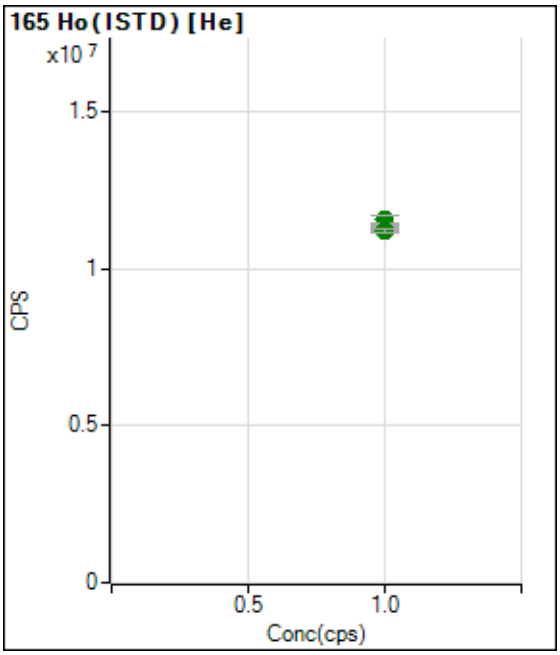


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11365198.44		A	0.4
2	☐	1.000		11438973.16		A	0.3
3	☐	1.000		11227118.86		A	0.8
4	☐	1.000		11445407.61		A	1.5
5	☐	1.000		11246452.61		A	1.6
6	☐	1.000		11531687.88		A	1.0
7	☐	1.000		11386873.17		A	1.1
8	☐	1.000		11201306.64		A	0.5

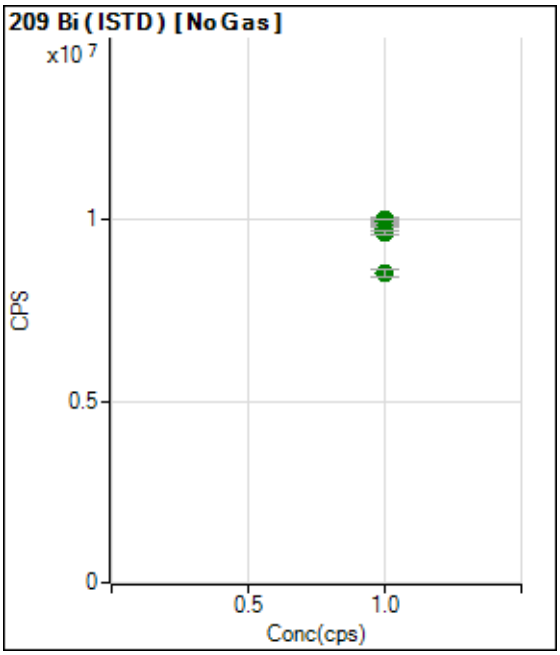


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16388727.81		A	0.4
2	☐	1.000		16566153.50		A	0.7
3	☐	1.000		16652458.08		A	1.4
4	☐	1.000		16659174.61		A	0.4
5	☐	1.000		16652458.09		A	0.2
6	☐	1.000		16666780.58		A	0.9
7	☐	1.000		16618157.39		A	0.2
8	☐	1.000		15844498.23		A	1.5

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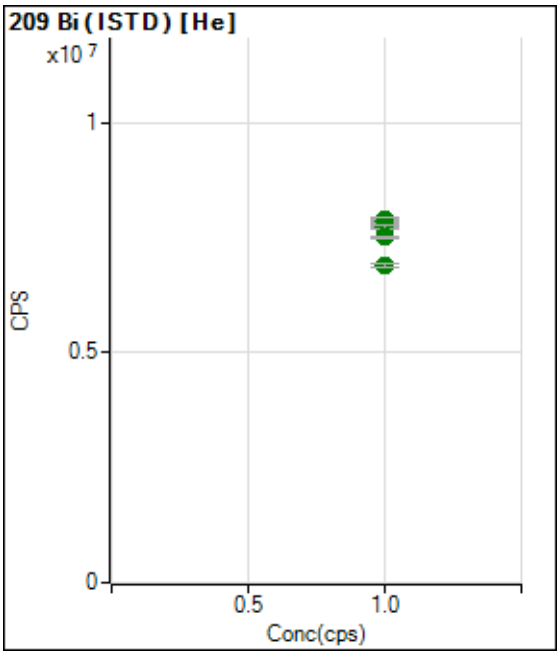


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11313585.11		A	1.7
2	☐	1.000		11271201.78		A	0.8
3	☐	1.000		11392988.86		A	1.6
4	☐	1.000		11405024.00		A	0.9
5	☐	1.000		11569753.86		A	2.2
6	☐	1.000		11316025.39		A	0.6
7	☐	1.000		11436331.92		A	0.6
8	☐	1.000		11224427.75		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9812594.16		A	0.7
2	☐	1.000		9998577.21		A	0.8
3	☐	1.000		9977737.42		A	0.4
4	☐	1.000		9977848.46		A	1.4
5	☐	1.000		9941982.35		A	1.0
6	☐	1.000		9733217.29		A	1.2
7	☐	1.000		9658037.43		A	1.0
8	☐	1.000		8521695.29		A	2.4

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7783396.41		A	1.1
2	☐	1.000		7840692.04		A	1.9
3	☐	1.000		7878042.59		A	1.0
4	☐	1.000		7810396.62		A	1.6
5	☐	1.000		7865180.79		A	1.9
6	☐	1.000		7736867.80		A	1.1
7	☐	1.000		7505868.43		A	0.6
8	☐	1.000		6896902.47		A	0.9

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ClientSampleId
:TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102324-MS2.b
Acq. Date-Time	2024-10-23 15:36:12
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		14502	145016.42			0.434	5.000
24		526511	5265106.39			0.682	5.000
25		69622	696224.99			1.162	5.000
26		85118	851183.19			1.265	5.000
59		111729	1117290.17			1.484	5.000
113		7059	70590.98			1.465	5.000
115		161038	1610378.08			2.187	5.000
206		28166	281656.67			1.327	5.000
207		23533	235331.14			1.749	5.000
208		58062	580618.86			1.783	5.000
220		1	7.90			28.796	

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

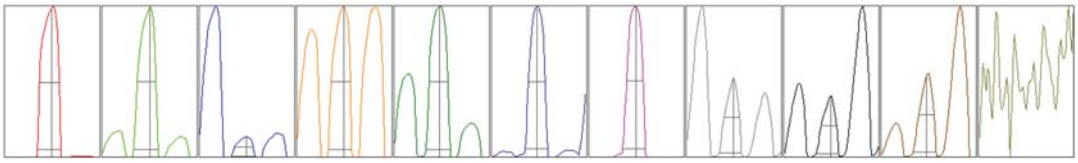
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14427	14600	14486	14511	14484
24	524905	521078	529846	529238	527486
25	70346	70053	70123	69173	68417
26	85615	84389	85968	86024	83596
59	111107	114530	110403	111873	110732
113	7223	7087	7026	7009	6951
115	166765	161261	158984	160661	157517
206	28771	28211	28129	27868	27849
207	24174	23655	23439	23295	23102
208	59734	58127	57978	57471	56999

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	24419.96	9.00	8.90 - 9.10	
24	949200.89	24.05	23.90 - 24.10	
25	124479.68	25.00	24.90 - 25.10	
26	147470.92	26.00	25.90 - 26.10	
59	195343.28	58.95	58.90 - 59.10	
113	14041.64	112.95	112.90 - 113.10	
115	312847.91	115.00	114.90 - 115.10	
206	60433.13	206.00	205.90 - 206.10	
207	49761.08	207.00	206.90 - 207.10	
208	120198.05	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.739	0.900	
24	0.59	0.778	0.900	
25	0.59	0.768	0.900	
26	0.62	0.741	0.900	
59	0.60	0.775	0.900	
113	0.52	0.720	0.900	
115	0.51	0.728	0.900	
206	0.48	0.696	0.900	
207	0.49	0.724	0.900	
208	0.48	0.732	0.900	
220	0.36			

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

Tune Parameters

Plasma Parameters

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

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:TUNE001

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.3 V	Deflect	14.4 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2407 V	Pulse HV	1924 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		39237	392365.59			0.776	
89		172322	1723218.56			2.004	
205		40361	403612.22			0.438	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	39638	39417	39144	39149	38835
89	171913	178376	170125	170821	170375
205	40658	40345	40252	40348	40203

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	4.0 V

US EPA Tune Check Report

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Extract 2	-230.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-100 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2407 V	Pulse HV	1924 V

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.07	-0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.08	-0.08	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.76	1.03	-0.27	0.00	N/A	ppb
Calcium	44-1	-0.34	-0.90	1.24	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	1.61	-0.78	-0.84	0.00	N/A	ppb
Iron	57-2	2.11	-1.22	-0.89	0.00	N/A	ppb
Iron	54-2	0.30	-0.23	-0.06	0.00	N/A	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.25	-0.08	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-14.74	-17.64	-17.32	-16.57		ppb
Potassium	39-2	-1.07	-0.62	1.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.27	0.19	0.00	N/A	ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00	N/A	ppb
Selenium	78-2	0.51	-0.53	0.01	0.00	N/A	ppb
Silicon	28-1	0.05	-0.14	0.08	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.48	-0.75	0.26	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-47.45	-97.01	70.14	-24.77		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.02	0.01	0.00	N/A	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.08	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.78	19.09	19.29	19.06	1.35	ppb
Antimony	121-1	1.87	1.92	1.83	1.87	2.42	ppb
Arsenic	75-2	1.03	0.98	1.08	1.03	4.82	ppb
Barium	135-1	8.80	8.95	9.06	8.94	1.49	ppb
Barium	137-1	9.04	9.10	9.03	9.06	0.43	ppb
Beryllium	9-1	1.06	1.04	1.00	1.04	2.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.01	0.75	0.97	21.51	ppb
Cadmium	106-1	0.72	1.06	0.75	0.84	22.66	ppb
Cadmium	111-1	0.98	1.06	1.01	1.01	3.89	ppb
Calcium	43-1	503.68	505.42	519.11	509.40	1.66	ppb
Calcium	44-1	511.95	517.45	521.15	516.85	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.06	1.95	1.98	3.18	ppb
Cobalt	59-2	1.05	1.02	1.03	1.03	1.28	ppb
Copper	63-2	1.61	1.63	1.66	1.63	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	53.25	52.66	52.77	52.89	0.59	ppb
Iron	57-2	54.53	54.22	53.38	54.04	1.11	ppb
Iron	54-2	54.56	55.33	55.07	54.99	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.87	0.88	0.87	1.23	ppb
Lead	207-1	0.89	0.88	0.89	0.89	1.09	ppb
Lead	208-1	0.87	0.88	0.88	0.88	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	535.66	534.07	539.61	536.45	0.53	ppb
Manganese	55-2	1.02	1.01	1.05	1.03	2.13	ppb
Molybdenum	94-1	5.09	5.12	5.30	5.17	2.15	ppb
Molybdenum	95-1	4.21	4.43	4.57	4.41	4.18	ppb
Molybdenum	96-1	4.36	4.55	4.59	4.50	2.71	ppb
Molybdenum	97-1	4.31	4.45	4.60	4.46	3.35	ppb
Molybdenum	98-1	4.28	4.43	4.46	4.39	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.07	1.06	1.06	0.92	ppb
Phosphorus	31-2	16.14	13.41	20.14	16.57	20.43	ppb
Potassium	39-2	505.35	503.20	502.27	503.61	0.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.05	5.13	5.85	5.34	8.24	ppb
Selenium	77-2	4.31	5.41	5.54	5.09	13.29	ppb
Selenium	78-2	4.75	5.82	4.44	5.00	14.40	ppb
Silicon	28-1	1.05	0.99	1.15	1.07	7.79	ppb
Silver	107-1	0.94	0.93	0.94	0.94	0.66	ppb
Silver	109-1	0.91	0.94	0.92	0.93	1.51	ppb
Sodium	23-2	520.64	520.15	519.35	520.05	0.13	ppb
Strontium	86-1	0.98	0.98	1.02	0.99	2.20	ppb
Strontium	88-1	0.96	0.98	1.02	0.99	3.32	ppb
Sulfur	34-1	13.70	21.16	39.45	24.77	53.48	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.80	0.82	0.83	0.82	1.57	ppb
Thallium	205-1	0.84	0.83	0.83	0.83	0.70	ppb
Tin	118-1	4.58	4.71	4.67	4.65	1.36	ppb
Titanium	47-1	4.35	4.52	4.58	4.48	2.68	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.81	0.80	1.43	ppb
Vanadium	51-2	4.95	5.02	4.98	4.99	0.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	6.12	6.32	5.73	6.06	4.93	ppb
Zirconium	90-1	0.95	0.95	0.99	0.96	2.78	ppb
Zirconium	91-1	0.91	0.93	1.01	0.95	5.57	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1081.34	1059.82	1092.06	1077.74	1.52	ppb
Antimony	121-1	48.22	49.18	50.50	49.30	2.32	ppb
Arsenic	75-2	51.14	51.82	51.36	51.44	0.67	ppb
Barium	135-1	240.10	246.23	243.75	243.36	1.27	ppb
Barium	137-1	240.48	243.95	246.14	243.53	1.17	ppb
Beryllium	9-1	57.77	56.95	56.65	57.12	1.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.17	53.77	56.24	54.06	3.79	ppb
Cadmium	106-1	53.16	52.32	55.46	53.65	3.03	ppb
Cadmium	111-1	50.80	51.99	52.61	51.80	1.77	ppb
Calcium	43-1	5966.94	6021.57	6363.43	6117.31	3.51	ppb
Calcium	44-1	5397.62	5453.52	5655.74	5502.29	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.26	52.51	51.84	52.20	0.65	ppb
Cobalt	59-2	52.05	52.15	51.18	51.80	1.03	ppb
Copper	63-2	547.19	526.60	536.94	536.91	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2640.84	2653.41	2693.87	2662.70	1.04	ppb
Iron	57-2	2795.76	2764.42	2739.93	2766.70	1.01	ppb
Iron	54-2	2801.87	2811.44	2855.49	2822.93	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	245.20	250.27	248.31	247.93	1.03	ppb
Lead	207-1	243.68	249.62	250.85	248.05	1.55	ppb
Lead	208-1	246.71	249.92	251.39	249.34	0.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	5126.90	5022.88	5041.18	5063.65	1.10	ppb
Manganese	55-2	507.08	503.81	507.79	506.22	0.42	ppb
Molybdenum	94-1	505.29	509.73	510.26	508.43	0.54	ppb
Molybdenum	95-1	509.84	515.63	520.09	515.19	1.00	ppb
Molybdenum	96-1	509.73	513.41	518.21	513.79	0.83	ppb
Molybdenum	97-1	507.92	511.96	519.67	513.18	1.16	ppb
Molybdenum	98-1	506.74	512.61	515.37	511.58	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.35	52.09	53.08	52.51	0.97	ppb
Phosphorus	31-2	1055.49	1031.07	1010.19	1032.25	2.20	ppb
Potassium	39-2	2543.22	2510.54	2462.69	2505.48	1.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	54.21	54.82	54.68	54.57	0.58	ppb
Selenium	77-2	52.18	58.13	54.11	54.81	5.54	ppb
Selenium	78-2	53.44	52.73	53.05	53.07	0.68	ppb
Silicon	28-1	44.92	44.88	47.69	45.83	3.52	ppb
Silver	107-1	51.15	52.70	53.26	52.37	2.09	ppb
Silver	109-1	50.62	52.09	53.40	52.04	2.67	ppb
Sodium	23-2	5264.80	5298.45	5245.10	5269.45	0.51	ppb
Strontium	86-1	1295.23	1288.01	1286.00	1289.75	0.38	ppb
Strontium	88-1	1281.13	1287.21	1294.90	1287.75	0.54	ppb
Sulfur	34-1	1021.87	1029.14	1220.63	1090.55	10.34	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	43.46	44.19	44.46	44.03	1.17	ppb
Thallium	205-1	43.64	44.14	44.40	44.06	0.87	ppb
Tin	118-1	49.20	50.34	50.72	50.09	1.58	ppb
Titanium	47-1	501.73	496.05	510.65	502.81	1.46	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.77	48.83	48.85	46.48	8.78	ppb
Vanadium	51-2	52.07	51.51	52.10	51.90	0.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	533.09	530.89	525.22	529.73	0.77	ppb
Zirconium	90-1	50.29	50.18	51.42	50.63	1.35	ppb
Zirconium	91-1	50.70	51.21	51.53	51.15	0.81	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.22	2540.45	2543.79	2541.15	0.09	ppb
Antimony	121-1	126.50	128.95	126.71	127.39	1.06	ppb
Arsenic	75-2	127.59	128.03	129.91	128.51	0.96	ppb
Barium	135-1	620.43	633.37	616.89	623.56	1.39	ppb
Barium	137-1	641.31	636.18	643.86	640.45	0.61	ppb
Beryllium	9-1	132.54	140.82	139.07	137.48	3.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.67	131.68	129.03	130.79	1.17	ppb
Cadmium	106-1	132.69	131.95	131.45	132.03	0.47	ppb
Cadmium	111-1	125.96	126.84	126.96	126.59	0.43	ppb
Calcium	43-1	15072.05	15299.94	15377.18	15249.72	1.04	ppb
Calcium	44-1	13591.35	13844.74	13710.41	13715.50	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.60	129.63	128.20	128.81	0.57	ppb
Cobalt	59-2	128.07	128.60	127.92	128.20	0.28	ppb
Copper	63-2	1311.22	1298.75	1313.51	1307.82	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6582.33	6619.18	6698.15	6633.22	0.89	ppb
Iron	57-2	6838.51	6821.99	6828.94	6829.81	0.12	ppb
Iron	54-2	6834.62	6699.40	6787.45	6773.82	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	611.83	623.19	626.58	620.53	1.25	ppb
Lead	207-1	618.21	624.54	624.80	622.52	0.60	ppb
Lead	208-1	614.50	627.25	627.79	623.18	1.21	ppb
Lithium	6-1				110		%
Magnesium	24-2	12603.24	12633.28	12564.48	12600.33	0.27	ppb
Manganese	55-2	1272.97	1258.84	1288.12	1273.31	1.15	ppb
Molybdenum	94-1	1271.47	1276.82	1275.61	1274.63	0.22	ppb
Molybdenum	95-1	1271.13	1281.61	1305.39	1286.04	1.36	ppb
Molybdenum	96-1	1289.02	1277.73	1304.68	1290.48	1.05	ppb
Molybdenum	97-1	1276.45	1272.73	1303.59	1284.25	1.31	ppb
Molybdenum	98-1	1262.70	1270.73	1285.63	1273.02	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.96	129.49	130.00	129.81	0.22	ppb
Phosphorus	31-2	2583.51	2586.09	2595.79	2588.46	0.25	ppb
Potassium	39-2	6184.12	6191.19	6145.74	6173.68	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	132.03	134.50	135.71	134.08	1.40	ppb
Selenium	77-2	131.12	126.18	129.86	129.06	1.99	ppb
Selenium	78-2	127.82	127.81	129.15	128.26	0.60	ppb
Silicon	28-1	102.30	103.57	105.34	103.74	1.48	ppb
Silver	107-1	130.06	130.66	133.70	131.47	1.49	ppb
Silver	109-1	130.70	131.28	129.69	130.56	0.62	ppb
Sodium	23-2	13062.95	12962.56	13179.28	13068.26	0.83	ppb
Strontium	86-1	3149.88	3204.88	3300.00	3218.25	2.36	ppb
Strontium	88-1	3167.88	3257.47	3224.43	3216.59	1.41	ppb
Sulfur	34-1	2512.49	2567.21	2563.67	2547.79	1.20	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	107.51	110.54	111.62	109.89	1.94	ppb
Thallium	205-1	120.44	127.23	125.14	124.27	2.80	ppb
Tin	118-1	122.94	123.57	123.84	123.45	0.37	ppb
Titanium	47-1	1247.81	1293.47	1268.36	1269.88	1.80	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.99	123.10	123.11	122.07	1.47	ppb
Vanadium	51-2	129.81	129.63	129.87	129.77	0.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1296.57	1314.05	1304.63	1305.08	0.67	ppb
Zirconium	90-1	125.83	128.60	126.58	127.00	1.13	ppb
Zirconium	91-1	126.04	127.05	129.10	127.40	1.22	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4891.28	4858.53	4922.00	4890.60	0.65	ppb
Antimony	121-1	247.24	254.85	257.10	253.06	2.04	ppb
Arsenic	75-2	244.25	256.27	249.44	249.99	2.41	ppb
Barium	135-1	1238.31	1249.20	1263.57	1250.36	1.01	ppb
Barium	137-1	1240.92	1257.38	1259.87	1252.72	0.82	ppb
Beryllium	9-1	273.57	261.15	270.63	268.45	2.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	252.88	259.60	262.19	258.22	1.86	ppb
Cadmium	106-1	256.39	256.46	260.02	257.62	0.81	ppb
Cadmium	111-1	247.58	247.63	253.30	249.50	1.32	ppb
Calcium	43-1	29153.98	29351.47	29428.62	29311.35	0.48	ppb
Calcium	44-1	27141.09	27898.84	27588.51	27542.82	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.94	244.64	256.26	248.94	2.56	ppb
Cobalt	59-2	248.74	267.47	255.93	257.38	3.67	ppb
Copper	63-2	2618.52	2586.79	2622.28	2609.20	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	13016.64	13364.42	12943.45	13108.17	1.72	ppb
Iron	57-2	12808.94	13475.21	12905.79	13063.32	2.76	ppb
Iron	54-2	13179.14	13349.89	13278.31	13269.11	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1247.71	1235.71	1255.21	1246.21	0.79	ppb
Lead	207-1	1252.18	1256.17	1259.96	1256.10	0.31	ppb
Lead	208-1	1246.75	1247.15	1267.71	1253.87	0.96	ppb
Lithium	6-1				111		%
Magnesium	24-2	24444.27	24771.39	24646.81	24620.82	0.67	ppb
Manganese	55-2	2477.61	2511.70	2487.96	2492.42	0.70	ppb
Molybdenum	94-1	2521.05	2541.69	2526.47	2529.74	0.42	ppb
Molybdenum	95-1	2542.42	2535.11	2523.06	2533.53	0.39	ppb
Molybdenum	96-1	2546.90	2536.69	2521.71	2535.10	0.50	ppb
Molybdenum	97-1	2522.20	2554.33	2515.06	2530.53	0.83	ppb
Molybdenum	98-1	2509.46	2503.29	2509.96	2507.57	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.22	259.02	258.28	255.17	2.36	ppb
Phosphorus	31-2	4949.52	5138.05	5025.21	5037.59	1.88	ppb
Potassium	39-2	11745.30	12217.08	12362.30	12108.23	2.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	262.41	261.77	263.11	262.43	0.26	ppb
Selenium	77-2	245.81	246.80	263.03	251.88	3.84	ppb
Selenium	78-2	255.13	256.30	252.09	254.51	0.85	ppb
Silicon	28-1	214.46	219.27	220.99	218.24	1.55	ppb
Silver	107-1	258.11	261.56	264.44	261.37	1.21	ppb
Silver	109-1	259.41	259.74	262.25	260.47	0.60	ppb
Sodium	23-2	25567.09	25830.64	25368.09	25588.60	0.91	ppb
Strontium	86-1	6409.84	6330.80	6220.18	6320.28	1.51	ppb
Strontium	88-1	6357.59	6305.48	6205.30	6289.45	1.23	ppb
Sulfur	34-1	4754.02	4859.77	4776.08	4796.63	1.16	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	249.94	242.17	252.76	248.29	2.21	ppb
Thallium	205-1	249.31	245.90	248.85	248.02	0.75	ppb
Tin	118-1	252.07	258.45	261.02	257.18	1.79	ppb
Titanium	47-1	2460.22	2523.69	2521.21	2501.71	1.44	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	246.09	245.47	245.61	245.72	0.13	ppb
Vanadium	51-2	246.95	252.95	250.18	250.03	1.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2644.14	2609.41	2631.83	2628.46	0.67	ppb
Zirconium	90-1	245.72	248.36	250.76	248.28	1.02	ppb
Zirconium	91-1	246.36	251.36	250.04	249.25	1.04	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9911.20	9875.15	9944.10	9910.15	0.35	ppb
Antimony	121-1	498.63	504.13	502.99	501.92	0.58	ppb
Arsenic	75-2	510.14	503.97	521.43	511.85	1.73	ppb
Barium	135-1	2521.08	2501.50	2541.01	2521.20	0.78	ppb
Barium	137-1	2482.90	2582.14	2504.76	2523.27	2.07	ppb
Beryllium	9-1	513.57	494.27	483.25	497.03	3.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	505.48	511.68	513.08	510.08	0.79	ppb
Cadmium	106-1	502.34	513.26	512.21	509.27	1.18	ppb
Cadmium	111-1	499.36	511.20	509.78	506.78	1.28	ppb
Calcium	43-1	60483.25	60018.77	59918.52	60140.18	0.50	ppb
Calcium	44-1	55150.59	55448.19	54403.64	55000.80	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.08	509.24	511.80	508.70	0.67	ppb
Cobalt	59-2	515.94	514.61	515.29	515.28	0.13	ppb
Copper	63-2	5131.48	5134.77	5203.22	5156.49	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	26535.75	26144.05	26777.92	26485.91	1.21	ppb
Iron	57-2	26090.82	26180.20	26616.47	26295.83	1.07	ppb
Iron	54-2	26643.57	27144.25	26970.96	26919.59	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2537.76	2513.16	2508.14	2519.69	0.63	ppb
Lead	207-1	2512.84	2528.83	2494.62	2512.09	0.68	ppb
Lead	208-1	2516.18	2536.13	2506.70	2519.67	0.60	ppb
Lithium	6-1				112		%
Magnesium	24-2	50052.59	50306.89	50580.08	50313.18	0.52	ppb
Manganese	55-2	5076.52	5010.83	5141.23	5076.19	1.28	ppb
Molybdenum	94-1	5027.90	5051.49	5133.20	5070.87	1.09	ppb
Molybdenum	95-1	5005.54	5078.13	5175.60	5086.42	1.68	ppb
Molybdenum	96-1	4963.73	5111.68	5203.57	5092.99	2.38	ppb
Molybdenum	97-1	5012.80	5028.11	5188.96	5076.62	1.92	ppb
Molybdenum	98-1	5070.41	4991.19	5124.35	5061.98	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.79	506.25	504.56	504.20	0.45	ppb
Phosphorus	31-2	10183.18	10128.07	10171.16	10160.80	0.29	ppb
Potassium	39-2	24501.41	24581.75	24654.90	24579.35	0.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	511.23	511.44	525.39	516.02	1.57	ppb
Selenium	77-2	515.86	502.89	557.62	525.46	5.44	ppb
Selenium	78-2	509.08	499.50	522.64	510.41	2.28	ppb
Silicon	28-1	446.68	442.94	448.40	446.01	0.63	ppb
Silver	107-1	506.15	509.83	517.77	511.25	1.16	ppb
Silver	109-1	505.20	511.66	515.57	510.81	1.03	ppb
Sodium	23-2	52374.08	52702.55	52956.61	52677.74	0.55	ppb
Strontium	86-1	12351.88	12448.00	12967.35	12589.08	2.63	ppb
Strontium	88-1	12546.31	12464.64	12972.27	12661.07	2.15	ppb
Sulfur	34-1	9971.09	9875.79	9718.06	9854.98	1.30	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	509.59	505.83	507.67	507.70	0.37	ppb
Thallium	205-1	507.47	508.52	498.32	504.77	1.11	ppb
Tin	118-1	503.73	503.07	505.35	504.05	0.23	ppb
Titanium	47-1	5040.11	5103.01	4968.83	5037.31	1.33	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	506.01	502.04	502.12	503.39	0.45	ppb
Vanadium	51-2	500.77	503.50	515.87	506.72	1.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5145.84	5137.72	5132.59	5138.72	0.13	ppb
Zirconium	90-1	501.17	497.40	508.37	502.31	1.11	ppb
Zirconium	91-1	500.68	494.02	517.28	503.99	2.38	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19589.29	19527.19	19645.40	19587.29	0.30	ppb
Antimony	121-1	980.28	1005.38	1008.38	998.01	1.55	ppb
Arsenic	75-2	993.63	990.43	996.66	993.57	0.31	ppb
Barium	135-1	4996.43	4886.09	5086.95	4989.82	2.02	ppb
Barium	137-1	4970.00	4925.57	5062.67	4986.08	1.40	ppb
Beryllium	9-1	988.94	998.07	997.85	994.96	0.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	974.67	989.10	1012.16	991.98	1.91	ppb
Cadmium	106-1	985.29	986.59	1005.31	992.40	1.13	ppb
Cadmium	111-1	983.81	999.02	1006.51	996.45	1.16	ppb
Calcium	43-1	113846.43	118132.83	114960.34	115646.53	1.92	ppb
Calcium	44-1	106149.14	112349.83	108940.43	109146.47	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	984.02	1000.28	1001.68	995.33	0.99	ppb
Cobalt	59-2	983.77	992.06	994.24	990.03	0.56	ppb
Copper	63-2	9752.63	9969.56	9933.97	9885.38	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	50927.41	51189.39	51635.74	51250.85	0.70	ppb
Iron	57-2	49659.08	50746.94	50232.75	50212.92	1.08	ppb
Iron	54-2	52275.51	53053.95	52409.31	52579.59	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4922.73	5019.15	5033.41	4991.76	1.21	ppb
Lead	207-1	4903.83	5040.18	5034.50	4992.84	1.54	ppb
Lead	208-1	4921.01	5037.41	5009.95	4989.46	1.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	99101.23	100483.46	99413.13	99665.94	0.73	ppb
Manganese	55-2	9938.62	9956.84	9986.26	9960.57	0.24	ppb
Molybdenum	94-1	9859.73	9928.32	10072.85	9953.63	1.09	ppb
Molybdenum	95-1	9859.51	9887.92	10082.00	9943.14	1.22	ppb
Molybdenum	96-1	9860.83	9916.03	10040.08	9938.98	0.92	ppb
Molybdenum	97-1	9830.42	9908.07	10108.85	9949.12	1.44	ppb
Molybdenum	98-1	9794.65	9928.44	10167.89	9963.66	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.01	995.91	992.72	995.88	0.32	ppb
Phosphorus	31-2	19832.27	19922.16	19938.16	19897.53	0.29	ppb
Potassium	39-2	48418.96	47968.41	48441.46	48276.28	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	982.83	978.23	1001.49	987.52	1.25	ppb
Selenium	77-2	992.54	980.31	985.31	986.05	0.62	ppb
Selenium	78-2	1001.97	997.02	980.33	993.11	1.14	ppb
Silicon	28-1	1045.90	1039.55	1028.22	1037.89	0.86	ppb
Silver	107-1	973.29	995.70	1002.82	990.61	1.56	ppb
Silver	109-1	986.70	972.14	1014.70	991.18	2.18	ppb
Sodium	23-2	101218.74	103376.74	102163.73	102253.07	1.06	ppb
Strontium	86-1	24676.16	24745.88	25350.71	24924.25	1.49	ppb
Strontium	88-1	24606.98	25049.46	25032.35	24896.26	1.01	ppb
Sulfur	34-1	19826.45	20339.97	20172.14	20112.85	1.30	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	982.63	994.25	1019.42	998.77	1.88	ppb
Thallium	205-1	989.86	1009.87	995.77	998.50	1.03	ppb
Tin	118-1	980.59	1002.62	1005.90	996.37	1.38	ppb
Titanium	47-1	9736.84	10130.03	10068.00	9978.29	2.12	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	977.06	1010.97	1011.72	999.92	1.98	ppb
Vanadium	51-2	991.47	1008.14	988.23	995.94	1.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	9820.91	9925.81	9923.74	9890.15	0.61	ppb
Zirconium	90-1	995.02	1004.46	997.49	998.99	0.49	ppb
Zirconium	91-1	997.19	1001.61	994.70	997.83	0.35	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99236.51	101179.65	99869.41	100095.19	0.99	ppb
Antimony	121-1	0.72	0.69	0.76	0.73	4.69	ppb
Arsenic	75-2	0.46	0.53	0.51	0.50	7.25	ppb
Barium	135-1	2.08	2.11	2.08	2.09	0.87	ppb
Barium	137-1	2.20	2.13	2.06	2.13	3.31	ppb
Beryllium	9-1	0.12	0.11	0.12	0.11	5.40	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.51	0.35	0.38	32.91	ppb
Cadmium	106-1	0.50	0.81	0.47	0.59	31.25	ppb
Cadmium	111-1	0.16	0.17	0.13	0.15	13.66	ppb
Calcium	43-1	493185.74	494862.25	498635.56	495561.18	0.56	ppb
Calcium	44-1	493921.54	497752.58	500850.05	497508.06	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.08	3.11	3.92	3.37	14.20	ppb
Cobalt	59-2	2.53	2.56	2.55	2.55	0.59	ppb
Copper	63-2	1.75	1.72	1.82	1.77	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	246656.84	252766.92	249255.11	249559.62	1.23	ppb
Iron	57-2	251022.98	249552.47	248772.06	249782.50	0.46	ppb
Iron	54-2	247424.12	250917.75	249370.15	249237.34	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.90	0.91	0.92	2.42	ppb
Lead	207-1	0.95	0.88	0.85	0.89	5.56	ppb
Lead	208-1	0.95	0.89	0.87	0.90	4.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	496908.97	505059.17	498185.67	500051.27	0.88	ppb
Manganese	55-2	5.08	5.11	5.04	5.08	0.69	ppb
Molybdenum	94-1	2.55	2.37	2.43	2.45	3.86	ppb
Molybdenum	95-1	1.69	1.62	1.62	1.65	2.49	ppb
Molybdenum	96-1	2.91	2.82	2.84	2.86	1.75	ppb
Molybdenum	97-1	1.70	1.57	1.56	1.61	4.82	ppb
Molybdenum	98-1	1.71	1.52	1.46	1.56	8.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.99	3.98	3.77	3.91	3.11	ppb
Phosphorus	31-2	-8.42	-7.38	-8.30	-8.03		ppb
Potassium	39-2	249707.71	250010.91	251506.12	250408.24	0.38	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.88	1.40	1.12	1.14	22.85	ppb
Selenium	77-2	0.10	0.25	0.24	0.20	43.23	ppb
Selenium	78-2	0.66	0.39	0.64	0.56	26.98	ppb
Silicon	28-1	3.52	3.43	3.30	3.42	3.26	ppb
Silver	107-1	0.16	0.13	0.13	0.14	11.79	ppb
Silver	109-1	0.16	0.13	0.13	0.14	11.94	ppb
Sodium	23-2	495909.66	504167.54	497628.57	499235.26	0.87	ppb
Strontium	86-1	4.66	4.45	4.37	4.49	3.40	ppb
Strontium	88-1	4.72	4.48	4.38	4.53	3.89	ppb
Sulfur	34-1	-718.44	-461.68	-386.07	-522.06		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.12	0.11	0.12	9.40	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	9.98	ppb
Tin	118-1	0.46	0.46	0.46	0.46	0.40	ppb
Titanium	47-1	1.23	1.17	1.34	1.25	6.78	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.07	0.06	0.07	10.72	ppb
Vanadium	51-2	0.22	0.22	0.24	0.23	4.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	4.52	4.60	4.47	4.53	1.46	ppb
Zirconium	90-1	0.59	0.58	0.61	0.59	2.28	ppb
Zirconium	91-1	0.59	0.65	0.61	0.62	4.75	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.17	508.71	507.01	505.96	0.67	ppb
Antimony	121-1	205.89	217.15	217.01	213.35	3.03	ppb
Arsenic	75-2	210.72	214.21	215.51	213.48	1.16	ppb
Barium	135-1	94.10	100.58	100.82	98.50	3.87	ppb
Barium	137-1	96.71	99.52	99.46	98.56	1.63	ppb
Beryllium	9-1	102.56	104.88	107.41	104.95	2.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.89	98.75	98.60	97.41	2.25	ppb
Cadmium	106-1	91.27	96.90	98.16	95.44	3.84	ppb
Cadmium	111-1	103.15	108.28	107.32	106.25	2.56	ppb
Calcium	43-1	2145.45	2101.70	2080.74	2109.29	1.57	ppb
Calcium	44-1	2009.12	2042.20	2044.37	2031.90	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.36	105.01	106.15	105.84	0.68	ppb
Cobalt	59-2	103.50	105.06	105.10	104.55	0.87	ppb
Copper	63-2	97.60	97.97	98.48	98.01	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	2088.80	2085.29	2097.19	2090.43	0.29	ppb
Iron	57-2	2139.94	2174.65	2159.51	2158.03	0.81	ppb
Iron	54-2	2271.07	2297.91	2308.89	2292.63	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	216.65	212.07	211.56	213.42	1.31	ppb
Lead	207-1	180.42	179.55	182.00	180.65	0.69	ppb
Lead	208-1	206.02	204.63	204.25	204.97	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	1248.59	1238.21	1244.79	1243.86	0.42	ppb
Manganese	55-2	103.16	103.19	103.81	103.39	0.36	ppb
Molybdenum	94-1	0.11	0.13	0.14	0.13	12.00	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.33	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	8.05	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	4.13	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.70	105.80	106.78	106.10	0.56	ppb
Phosphorus	31-2	-13.76	-16.89	-12.62	-14.42		ppb
Potassium	39-2	1959.27	1962.80	1964.35	1962.14	0.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	219.01	217.80	215.33	217.38	0.86	ppb
Selenium	77-2	225.78	226.38	233.98	228.71	2.00	ppb
Selenium	78-2	218.01	219.78	227.89	221.89	2.38	ppb
Silicon	28-1	0.69	0.67	0.65	0.67	2.74	ppb
Silver	107-1	49.99	53.39	53.21	52.20	3.66	ppb
Silver	109-1	50.22	54.00	53.55	52.59	3.93	ppb
Sodium	23-2	2000.24	2039.93	2039.21	2026.46	1.12	ppb
Strontium	86-1	0.36	0.33	0.32	0.34	6.67	ppb
Strontium	88-1	0.34	0.33	0.34	0.34	0.66	ppb
Sulfur	34-1	-131.57	-181.47	-298.12	-203.72		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	214.35	216.17	212.22	214.25	0.92	ppb
Thallium	205-1	210.49	213.18	214.44	212.70	0.95	ppb
Tin	118-1	0.08	0.08	0.06	0.07	15.74	ppb
Titanium	47-1	0.03	0.02	0.04	0.03	39.41	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.69	ppb
Vanadium	51-2	103.70	102.51	103.25	103.15	0.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	206.24	205.77	207.55	206.52	0.45	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	1.18	ppb
Zirconium	91-1	0.11	0.11	0.11	0.11	1.33	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	1.27	1.05	1.24	14.36	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	17.26	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	254.16	ppb
Barium	135-1	0.00	0.00	0.01	0.00	43.03	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.86	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00		ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.41	-1.44	-1.75	-1.54		ppb
Cadmium	111-1	-0.10	-0.10	-0.13	-0.11		ppb
Calcium	43-1	2.36	-0.69	0.80	0.82	185.18	ppb
Calcium	44-1	-3.96	-3.70	-3.62	-3.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.22	0.23	0.24	0.23	4.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	-0.69	-0.77	-0.75	-0.74		ppb
Iron	57-2	-1.45	-1.24	-0.27	-0.98		ppb
Iron	54-2	-0.09	-0.06	-0.72	-0.29		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.01	35.68	ppb
Lead	207-1	0.01	0.02	0.03	0.02	46.30	ppb
Lead	208-1	0.02	0.01	0.02	0.02	27.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.13	0.04	-0.04	-0.05		ppb
Manganese	55-2	-0.02	-0.01	0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	39.13	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	21.12	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	36.10	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-19.25	-17.12	-14.86	-17.08		ppb
Potassium	39-2	0.54	2.27	1.26	1.36	63.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.08	0.36	0.36	0.26	61.86	ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	0.39	-0.51	0.03	-0.03		ppb
Silicon	28-1	0.76	0.82	0.83	0.80	4.61	ppb
Silver	107-1	0.00	0.00	0.00	0.00	95.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.59	ppb
Sodium	23-2	6.23	6.42	6.08	6.24	2.74	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	26.81	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.07	ppb
Sulfur	34-1	-105.64	-41.69	-0.02	-49.12		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	28.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.10	ppb
Tin	118-1	0.03	0.08	0.03	0.05	60.40	ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1273.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	-0.05	-0.07	0.05	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.69	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	195.05	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88749.74	89139.46	89507.75	89132.32	0.43	ppb
Antimony	121-1	1.05	1.04	1.06	1.05	1.06	ppb
Arsenic	75-2	0.35	0.37	0.35	0.36	2.11	ppb
Barium	135-1	1.33	1.34	1.43	1.36	4.05	ppb
Barium	137-1	1.31	1.33	1.33	1.33	0.98	ppb
Beryllium	9-1	0.48	0.45	0.42	0.45	6.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.78	8.11	8.86	8.25	6.68	ppb
Cadmium	106-1	0.05	0.15	-0.74	-0.18		ppb
Cadmium	111-1	0.35	0.30	0.22	0.29	22.38	ppb
Calcium	43-1	95064.73	97362.45	97751.01	96726.06	1.50	ppb
Calcium	44-1	95170.00	97476.75	98477.40	97041.39	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.18	19.49	19.46	19.38	0.87	ppb
Cobalt	59-2	1.18	1.22	1.17	1.19	1.87	ppb
Copper	63-2	8.62	8.74	8.61	8.66	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	96685.16	99925.17	97821.01	98143.78	1.68	ppb
Iron	57-2	96690.84	96993.26	97699.54	97127.88	0.53	ppb
Iron	54-2	97557.95	100488.11	99482.56	99176.21	1.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.04	4.20	4.04	4.09	2.21	ppb
Lead	207-1	3.58	3.81	3.56	3.65	3.74	ppb
Lead	208-1	3.77	3.89	3.77	3.81	1.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	96674.46	97450.50	96600.88	96908.61	0.49	ppb
Manganese	55-2	7.50	7.56	7.45	7.50	0.74	ppb
Molybdenum	94-1	1447.78	1479.77	1463.08	1463.54	1.09	ppb
Molybdenum	95-1	1744.12	1760.05	1792.50	1765.56	1.40	ppb
Molybdenum	96-1	1712.95	1712.67	1742.40	1722.67	0.99	ppb
Molybdenum	97-1	1749.54	1747.95	1792.50	1763.33	1.43	ppb
Molybdenum	98-1	1754.38	1747.37	1783.88	1761.88	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.18	6.06	6.13	6.12	0.99	ppb
Phosphorus	31-2	95097.62	95417.74	94783.58	95099.65	0.33	ppb
Potassium	39-2	92875.38	93571.24	92907.88	93118.17	0.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.07	0.30	0.45	0.27	69.22	ppb
Selenium	77-2	0.24	0.25	-0.05	0.15	115.29	ppb
Selenium	78-2	0.26	0.12	-0.30	0.03	1131.58	ppb
Silicon	28-1	4.07	4.09	4.15	4.10	0.99	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.15	ppb
Silver	109-1	0.04	0.05	0.04	0.05	6.31	ppb
Sodium	23-2	97679.36	98625.42	98589.87	98298.21	0.55	ppb
Strontium	86-1	33.56	34.05	34.56	34.06	1.47	ppb
Strontium	88-1	33.29	33.64	33.93	33.62	0.96	ppb
Sulfur	34-1	97252.91	99309.31	98084.18	98215.46	1.05	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.13	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	4.62	ppb
Tin	118-1	0.16	0.15	0.16	0.16	3.03	ppb
Titanium	47-1	1773.44	1787.62	1786.29	1782.45	0.44	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	8.90	ppb
Vanadium	51-2	0.17	0.17	0.16	0.17	4.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	10.29	10.58	10.48	10.45	1.42	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	17.91	ppb
Zirconium	91-1	0.02	0.03	0.03	0.02	12.55	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90103.45	88639.74	88954.92	89232.70	0.86	ppb
Antimony	121-1	20.02	20.05	20.11	20.06	0.22	ppb
Arsenic	75-2	20.65	20.34	20.29	20.43	0.93	ppb
Barium	135-1	19.70	19.96	20.03	19.89	0.87	ppb
Barium	137-1	19.86	19.80	20.06	19.90	0.69	ppb
Beryllium	9-1	19.99	20.09	20.08	20.06	0.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.73	25.70	25.52	25.32	2.04	ppb
Cadmium	106-1	17.11	15.32	16.92	16.45	5.97	ppb
Cadmium	111-1	19.05	18.67	19.03	18.92	1.13	ppb
Calcium	43-1	96790.28	95374.49	96028.91	96064.56	0.74	ppb
Calcium	44-1	97345.62	96348.93	96661.11	96785.22	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.81	39.23	39.37	39.14	0.74	ppb
Cobalt	59-2	20.34	20.42	20.30	20.35	0.31	ppb
Copper	63-2	24.54	24.51	24.33	24.46	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	98192.89	99947.66	97958.02	98699.52	1.10	ppb
Iron	57-2	97014.25	99127.80	96711.56	97617.87	1.35	ppb
Iron	54-2	100564.31	100526.15	100022.49	100370.99	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.40	24.73	24.30	24.48	0.91	ppb
Lead	207-1	23.07	23.43	23.10	23.20	0.86	ppb
Lead	208-1	23.44	23.95	23.52	23.64	1.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	96851.43	96890.17	96026.01	96589.20	0.51	ppb
Manganese	55-2	26.91	27.22	26.75	26.96	0.88	ppb
Molybdenum	94-1	1436.11	1448.92	1464.13	1449.72	0.97	ppb
Molybdenum	95-1	1753.41	1761.01	1753.16	1755.86	0.25	ppb
Molybdenum	96-1	1724.59	1763.68	1728.46	1738.91	1.24	ppb
Molybdenum	97-1	1714.04	1779.32	1755.76	1749.71	1.89	ppb
Molybdenum	98-1	1722.03	1774.23	1765.14	1753.80	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.31	24.21	24.27	24.26	0.21	ppb
Phosphorus	31-2	96999.07	96194.49	95676.96	96290.17	0.69	ppb
Potassium	39-2	93833.67	92598.49	93198.35	93210.17	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	18.34	19.06	20.65	19.35	6.09	ppb
Selenium	77-2	20.36	19.03	18.47	19.29	5.02	ppb
Selenium	78-2	20.56	19.60	19.37	19.84	3.16	ppb
Silicon	28-1	4.29	4.09	4.22	4.20	2.44	ppb
Silver	107-1	18.26	18.30	18.68	18.41	1.27	ppb
Silver	109-1	18.17	18.39	18.39	18.32	0.68	ppb
Sodium	23-2	97373.05	98682.62	97321.00	97792.22	0.79	ppb
Strontium	86-1	33.66	34.29	34.67	34.21	1.49	ppb
Strontium	88-1	33.10	33.92	34.14	33.72	1.63	ppb
Sulfur	34-1	97280.73	93902.24	94787.19	95323.39	1.84	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	20.17	20.65	20.15	20.32	1.38	ppb
Thallium	205-1	20.22	20.52	20.11	20.29	1.03	ppb
Tin	118-1	0.13	0.13	0.16	0.14	10.29	ppb
Titanium	47-1	1832.49	1773.76	1756.84	1787.69	2.22	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.71	ppb
Vanadium	51-2	19.78	19.88	19.93	19.86	0.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	29.10	29.12	28.99	29.07	0.24	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.20	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	43.85	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49376.01	48688.18	49291.19	49118.46	0.76	ppb
Antimony	121-1	487.46	486.56	494.34	489.46	0.87	ppb
Arsenic	75-2	483.17	485.74	480.04	482.98	0.59	ppb
Barium	135-1	2490.37	2469.50	2484.17	2481.35	0.43	ppb
Barium	137-1	2480.02	2512.54	2512.34	2501.63	0.75	ppb
Beryllium	9-1	510.47	492.12	505.82	502.80	1.90	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.60	496.68	506.40	500.89	1.00	ppb
Cadmium	106-1	504.14	509.76	515.65	509.85	1.13	ppb
Cadmium	111-1	508.04	505.64	504.52	506.07	0.36	ppb
Calcium	43-1	254452.19	253758.68	255042.84	254417.90	0.25	ppb
Calcium	44-1	250507.57	254704.66	253208.26	252806.83	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.26	489.81	493.47	490.84	0.47	ppb
Cobalt	59-2	512.17	504.70	515.79	510.89	1.11	ppb
Copper	63-2	4988.89	5009.75	5089.02	5029.22	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	126257.43	124273.37	125452.67	125327.82	0.80	ppb
Iron	57-2	124528.52	124691.89	124909.17	124709.86	0.15	ppb
Iron	54-2	128236.72	126489.46	126381.51	127035.90	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2541.89	2511.07	2592.04	2548.33	1.60	ppb
Lead	207-1	2529.13	2507.36	2564.54	2533.68	1.14	ppb
Lead	208-1	2514.95	2517.19	2572.38	2534.84	1.28	ppb
Lithium	6-1				106		%
Magnesium	24-2	259504.85	254973.96	257056.69	257178.50	0.88	ppb
Manganese	55-2	4878.33	4880.54	4922.35	4893.74	0.51	ppb
Molybdenum	94-1	5008.46	4986.94	5111.58	5035.66	1.32	ppb
Molybdenum	95-1	5085.87	5065.48	5125.95	5092.43	0.60	ppb
Molybdenum	96-1	5149.67	5063.52	5129.40	5114.20	0.88	ppb
Molybdenum	97-1	5016.82	5050.05	5167.04	5077.97	1.55	ppb
Molybdenum	98-1	5047.59	5004.86	5118.57	5057.01	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.75	489.69	493.19	491.21	0.37	ppb
Phosphorus	31-2	10051.79	9933.28	9993.89	9992.99	0.59	ppb
Potassium	39-2	122073.35	120026.72	118668.38	120256.15	1.43	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	486.57	481.74	489.46	485.92	0.80	ppb
Selenium	77-2	482.59	473.26	496.69	484.18	2.44	ppb
Selenium	78-2	468.61	468.72	480.51	472.61	1.45	ppb
Silicon	28-1	548.98	545.39	566.73	553.70	2.06	ppb
Silver	107-1	528.02	521.42	534.42	527.96	1.23	ppb
Silver	109-1	530.18	520.25	523.35	524.59	0.97	ppb
Sodium	23-2	251240.35	244614.14	247162.18	247672.22	1.35	ppb
Strontium	86-1	12503.18	12564.73	12581.31	12549.74	0.33	ppb
Strontium	88-1	12513.67	12406.39	12613.51	12511.19	0.83	ppb
Sulfur	34-1	8861.22	9035.56	9197.61	9031.46	1.86	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	503.95	495.89	515.14	504.99	1.91	ppb
Thallium	205-1	510.52	504.48	522.93	512.65	1.83	ppb
Tin	118-1	492.61	498.81	495.32	495.58	0.63	ppb
Titanium	47-1	4874.96	4971.27	4939.05	4928.43	0.99	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.01	518.99	524.60	518.87	1.12	ppb
Vanadium	51-2	501.78	504.68	505.23	503.90	0.37	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	5046.11	4919.32	4982.91	4982.78	1.27	ppb
Zirconium	90-1	502.98	499.44	512.29	504.90	1.31	ppb
Zirconium	91-1	517.11	508.70	522.06	515.96	1.31	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.29	1.23	1.31	6.53	ppb
Antimony	121-1	0.29	0.32	0.33	0.31	6.46	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	55.71	ppb
Barium	135-1	0.09	0.08	0.05	0.07	25.77	ppb
Barium	137-1	0.11	0.07	0.06	0.08	30.00	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	22.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.05	0.03	0.02	123.38	ppb
Cadmium	106-1	0.27	-0.30	0.38	0.12	310.93	ppb
Cadmium	111-1	0.08	0.01	0.05	0.05	78.89	ppb
Calcium	43-1	8.42	7.71	7.28	7.80	7.40	ppb
Calcium	44-1	12.45	9.30	7.40	9.72	26.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.02	0.01	130.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	374.72	ppb
Copper	63-2	0.03	0.03	0.01	0.02	46.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2.35	2.20	2.03	2.19	7.41	ppb
Iron	57-2	0.98	-0.62	0.47	0.27	298.09	ppb
Iron	54-2	2.23	3.42	2.59	2.75	22.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.16	0.13	0.16	17.71	ppb
Lead	207-1	0.16	0.17	0.12	0.15	18.54	ppb
Lead	208-1	0.18	0.15	0.12	0.15	18.68	ppb
Lithium	6-1				112		%
Magnesium	24-2	5.58	5.02	4.66	5.09	9.02	ppb
Manganese	55-2	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.41	0.43	0.40	0.41	3.21	ppb
Molybdenum	95-1	0.37	0.30	0.28	0.31	15.46	ppb
Molybdenum	96-1	0.37	0.32	0.30	0.33	10.00	ppb
Molybdenum	97-1	0.35	0.28	0.29	0.30	12.66	ppb
Molybdenum	98-1	0.34	0.30	0.26	0.30	12.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-16.88	-17.93	-17.18	-17.33		ppb
Potassium	39-2	25.88	22.69	22.70	23.75	7.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.30	-0.09	-0.09	0.04	537.58	ppb
Selenium	77-2	0.09	0.10	0.10	0.10	2.17	ppb
Selenium	78-2	0.38	-0.58	-1.03	-0.41		ppb
Silicon	28-1	0.27	0.25	0.20	0.24	13.84	ppb
Silver	107-1	0.07	0.06	0.06	0.06	15.72	ppb
Silver	109-1	0.07	0.06	0.05	0.06	12.47	ppb
Sodium	23-2	21.55	19.78	19.24	20.19	5.97	ppb
Strontium	86-1	0.51	0.40	0.32	0.41	23.81	ppb
Strontium	88-1	0.52	0.40	0.30	0.41	26.76	ppb
Sulfur	34-1	-804.76	-768.87	-763.09	-778.91		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.07	0.05	0.07	18.15	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	14.60	ppb
Tin	118-1	0.07	0.09	0.08	0.08	10.26	ppb
Titanium	47-1	0.26	0.23	0.25	0.24	6.43	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	20.32	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.44	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.23	0.24	0.13	0.20	29.46	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	3.97	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	12.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.24	0.27	0.25	8.03	ppb
Antimony	121-1	0.06	0.07	0.09	0.07	15.10	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	126.23	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	33.04	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	61.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	0.02	0.01	150.90	ppb
Cadmium	106-1	0.32	0.69	1.18	0.73	59.49	ppb
Cadmium	111-1	0.03	0.06	0.09	0.06	49.99	ppb
Calcium	43-1	1.31	0.93	1.33	1.19	18.86	ppb
Calcium	44-1	0.59	0.23	0.74	0.52	50.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.24	-0.23	-0.24	-0.24		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	-0.41	-0.43	-0.42	-0.42		ppb
Iron	57-2	-3.05	-1.53	-1.51	-2.03		ppb
Iron	54-2	0.46	0.00	0.21	0.22	102.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.03	0.03	0.04	23.71	ppb
Lead	207-1	0.03	0.04	0.04	0.04	10.24	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.85	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.89	0.94	0.81	0.88	7.48	ppb
Manganese	55-2	-0.06	-0.07	-0.06	-0.07		ppb
Molybdenum	94-1	0.08	0.08	0.10	0.09	8.74	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	15.02	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	9.53	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	22.43	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-16.91	-15.53	-16.25	-16.23		ppb
Potassium	39-2	10.77	11.38	13.21	11.79	10.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.00	0.61	0.41	0.34	91.05	ppb
Selenium	77-2	0.24	-0.05	-0.05	0.05	345.93	ppb
Selenium	78-2	-0.68	0.23	-1.23	-0.56		ppb
Silicon	28-1	-0.29	-0.30	-0.22	-0.27		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.49	ppb
Sodium	23-2	8.60	9.35	9.22	9.06	4.42	ppb
Strontium	86-1	0.05	0.05	0.03	0.04	33.46	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	21.88	ppb
Sulfur	34-1	-697.79	-678.23	-601.00	-659.00		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.26	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	2.57	ppb
Tin	118-1	0.03	0.03	0.04	0.04	20.43	ppb
Titanium	47-1	0.00	0.02	0.03	0.01	87.85	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	49.34	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	125.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.22	0.15	0.25	0.21	23.97	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	23.01	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	25.90	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.95	36.60	35.73	36.43	1.72	ppb
Antimony	121-1	3.40	3.42	3.43	3.41	0.50	ppb
Arsenic	75-2	1.92	1.99	1.97	1.96	1.80	ppb
Barium	135-1	15.98	15.91	16.38	16.09	1.54	ppb
Barium	137-1	16.25	16.07	16.44	16.26	1.14	ppb
Beryllium	9-1	1.70	1.70	1.72	1.71	0.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.08	2.19	2.17	3.61	ppb
Cadmium	106-1	2.55	1.70	2.14	2.13	20.02	ppb
Cadmium	111-1	2.39	2.41	2.36	2.38	1.12	ppb
Calcium	43-1	860.53	888.70	868.71	872.65	1.66	ppb
Calcium	44-1	869.79	892.10	875.72	879.20	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.98	3.93	4.00	3.97	0.94	ppb
Cobalt	59-2	1.84	1.81	1.81	1.82	1.09	ppb
Copper	63-2	3.32	3.40	3.34	3.35	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	365.23	365.04	369.30	366.52	0.66	ppb
Iron	57-2	370.87	375.34	378.59	374.93	1.03	ppb
Iron	54-2	382.90	384.01	386.40	384.44	0.47	ppb
Krypton	83-1						cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.55	1.62	1.58	1.58	2.35	ppb
Lead	207-1	1.58	1.58	1.60	1.59	0.92	ppb
Lead	208-1	1.58	1.59	1.59	1.59	0.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	922.35	923.59	936.31	927.42	0.83	ppb
Manganese	55-2	1.79	1.75	1.77	1.77	1.37	ppb
Molybdenum	94-1	9.45	9.57	9.55	9.52	0.67	ppb
Molybdenum	95-1	7.83	7.90	7.78	7.84	0.77	ppb
Molybdenum	96-1	7.94	8.05	7.90	7.96	0.93	ppb
Molybdenum	97-1	8.02	7.87	7.75	7.88	1.77	ppb
Molybdenum	98-1	7.84	7.93	7.76	7.84	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.89	1.87	1.85	2.53	ppb
Phosphorus	31-2	-15.73	-15.52	-16.05	-15.76		ppb
Potassium	39-2	887.77	900.68	901.96	896.80	0.88	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	8.80	9.95	9.51	9.42	6.16	ppb
Selenium	77-2	10.26	9.98	8.23	9.49	11.56	ppb
Selenium	78-2	9.33	9.57	9.47	9.46	1.24	ppb
Silicon	28-1	3.39	3.63	3.61	3.54	3.77	ppb
Silver	107-1	1.65	1.72	1.74	1.70	2.74	ppb
Silver	109-1	1.68	1.68	1.74	1.70	1.81	ppb
Sodium	23-2	852.40	854.34	887.64	864.79	2.29	ppb
Strontium	86-1	1.77	1.79	1.76	1.77	0.79	ppb
Strontium	88-1	1.75	1.77	1.77	1.77	0.59	ppb
Sulfur	34-1	-528.13	-472.00	-513.15	-504.43		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	1.54	1.53	1.54	1.53	0.29	ppb
Thallium	205-1	1.52	1.53	1.51	1.52	0.80	ppb
Tin	118-1	0.04	0.03	0.04	0.03	15.83	ppb
Titanium	47-1	8.08	8.27	8.10	8.15	1.24	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.47	1.47	1.47	0.79	ppb
Vanadium	51-2	8.88	8.75	8.80	8.81	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	9.15	9.39	9.59	9.38	2.37	ppb
Zirconium	90-1	1.76	1.82	1.75	1.78	2.24	ppb
Zirconium	91-1	1.77	1.81	1.78	1.78	1.22	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.56	21.44	20.59	4.04	ppb
Antimony	121-1	1.98	2.00	1.99	1.99	0.45	ppb
Arsenic	75-2	1.13	1.11	1.13	1.12	1.36	ppb
Barium	135-1	9.43	9.53	9.35	9.44	0.94	ppb
Barium	137-1	9.28	9.35	9.41	9.34	0.69	ppb
Beryllium	9-1	0.91	0.98	0.98	0.95	4.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.51	1.36	1.38	9.01	ppb
Cadmium	106-1	1.93	2.06	1.61	1.86	12.38	ppb
Cadmium	111-1	1.38	1.38	1.28	1.35	4.23	ppb
Calcium	43-1	500.71	511.11	514.32	508.71	1.40	ppb
Calcium	44-1	512.46	515.62	518.43	515.50	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.42	2.32	2.37	2.06	ppb
Cobalt	59-2	1.06	1.06	1.05	1.06	0.30	ppb
Copper	63-2	1.83	1.80	1.76	1.80	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	221.13	222.52	222.68	222.11	0.38	ppb
Iron	57-2	217.81	220.75	221.87	220.14	0.95	ppb
Iron	54-2	227.00	225.98	230.76	227.91	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.24	1.23	1.21	1.23	1.34	ppb
Lead	207-1	1.18	1.22	1.15	1.18	2.88	ppb
Lead	208-1	1.20	1.21	1.18	1.20	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	553.79	553.78	556.98	554.85	0.33	ppb
Manganese	55-2	1.02	1.02	1.06	1.03	2.30	ppb
Molybdenum	94-1	5.56	5.55	5.72	5.61	1.67	ppb
Molybdenum	95-1	4.61	4.69	4.62	4.64	0.99	ppb
Molybdenum	96-1	4.66	4.77	4.81	4.75	1.68	ppb
Molybdenum	97-1	4.69	4.58	4.82	4.70	2.48	ppb
Molybdenum	98-1	4.56	4.72	4.69	4.66	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.19	1.13	1.13	5.07	ppb
Phosphorus	31-2	-12.55	-10.57	-9.70	-10.94		ppb
Potassium	39-2	544.42	546.97	552.87	548.09	0.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.98	6.20	5.61	5.93	5.03	ppb
Selenium	77-2	5.06	6.00	4.96	5.34	10.75	ppb
Selenium	78-2	5.15	5.91	5.74	5.60	7.10	ppb
Silicon	28-1	2.09	1.89	2.03	2.00	5.22	ppb
Silver	107-1	0.99	1.01	1.00	1.00	1.06	ppb
Silver	109-1	0.99	1.03	1.02	1.01	2.28	ppb
Sodium	23-2	537.94	532.25	537.93	536.04	0.61	ppb
Strontium	86-1	0.97	1.03	1.01	1.00	2.95	ppb
Strontium	88-1	1.02	1.05	1.07	1.05	2.04	ppb
Sulfur	34-1	-457.44	-528.58	-429.55	-471.86		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.92	0.89	0.91	1.59	ppb
Thallium	205-1	0.88	0.89	0.89	0.88	0.44	ppb
Tin	118-1	0.03	0.02	0.02	0.02	18.31	ppb
Titanium	47-1	4.72	4.70	4.75	4.72	0.59	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.85	0.85	0.28	ppb
Vanadium	51-2	5.21	5.09	5.22	5.17	1.34	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	6.33	6.23	6.14	6.24	1.50	ppb
Zirconium	90-1	1.04	1.03	1.07	1.05	1.68	ppb
Zirconium	91-1	1.07	1.07	1.05	1.06	1.30	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.27	10.66	9.63	9.85	7.32	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.97	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	555.14	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.09	0.05	0.03	253.29	ppb
Cadmium	106-1	0.87	0.34	-0.20	0.34	158.29	ppb
Cadmium	111-1	0.07	0.02	-0.01	0.03	169.27	ppb
Calcium	43-1	-0.29	1.39	-0.12	0.33	282.71	ppb
Calcium	44-1	-3.41	-1.71	-2.11	-2.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.34	-0.33	-0.35	-0.34		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	-0.65	-0.65	-0.55	-0.61		ppb
Iron	57-2	-2.63	-1.17	-1.47	-1.76		ppb
Iron	54-2	-0.30	0.79	0.80	0.43	147.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.00	0.01	29.37	ppb
Lead	207-1	0.01	0.02	0.01	0.01	27.95	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.28	0.42	0.19	0.29	39.40	ppb
Manganese	55-2	0.00	0.02	-0.03	0.00		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	5.03	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	77.43	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	35.33	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	26.53	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	79.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-18.12	-18.63	-15.12	-17.29		ppb
Potassium	39-2	4.84	11.80	7.86	8.16	42.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.28	0.24	0.66	0.39	59.59	ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00	98487.22	ppb
Selenium	78-2	-0.05	0.64	1.69	0.76	115.13	ppb
Silicon	28-1	-0.33	-0.03	-0.12	-0.16		ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.88	ppb
Sodium	23-2	4.42	8.41	5.24	6.02	34.98	ppb
Strontium	86-1	0.01	0.03	0.00	0.01	99.07	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	28.68	ppb
Sulfur	34-1	-525.78	-409.06	-439.42	-458.09		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	5.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	30.26	ppb
Tin	118-1	0.01	0.01	0.01	0.01	46.91	ppb
Titanium	47-1	0.00	-0.01	-0.02	-0.01		ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	214.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.16	0.10	0.30	0.19	52.70	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	32.71	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	16.52	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.11	34.04	34.43	34.19	0.61	ppb
Antimony	121-1	3.29	3.39	3.30	3.33	1.65	ppb
Arsenic	75-2	1.79	1.89	1.73	1.81	4.38	ppb
Barium	135-1	15.94	15.75	15.73	15.81	0.73	ppb
Barium	137-1	15.93	15.93	15.87	15.91	0.21	ppb
Beryllium	9-1	1.65	1.66	1.63	1.65	0.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	1.99	2.66	2.21	17.48	ppb
Cadmium	106-1	3.49	1.75	1.72	2.32	43.81	ppb
Cadmium	111-1	2.40	2.34	2.32	2.35	1.70	ppb
Calcium	43-1	857.39	862.23	854.88	858.17	0.44	ppb
Calcium	44-1	854.78	860.31	867.49	860.86	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.85	4.00	3.88	2.51	ppb
Cobalt	59-2	1.76	1.76	1.78	1.77	0.79	ppb
Copper	63-2	3.20	3.21	3.18	3.20	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	358.10	355.27	355.24	356.20	0.46	ppb
Iron	57-2	368.08	365.11	372.27	368.49	0.98	ppb
Iron	54-2	376.69	378.40	381.20	378.77	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.51	1.50	1.53	1.52	1.20	ppb
Lead	207-1	1.53	1.51	1.52	1.52	0.47	ppb
Lead	208-1	1.52	1.49	1.54	1.52	1.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	910.02	918.67	933.00	920.56	1.26	ppb
Manganese	55-2	1.74	1.71	1.82	1.76	3.27	ppb
Molybdenum	94-1	9.29	9.35	9.27	9.30	0.46	ppb
Molybdenum	95-1	7.55	7.90	7.70	7.71	2.31	ppb
Molybdenum	96-1	7.69	7.86	7.87	7.81	1.34	ppb
Molybdenum	97-1	7.63	7.90	7.67	7.73	1.89	ppb
Molybdenum	98-1	7.60	7.72	7.62	7.65	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.83	1.84	1.83	0.33	ppb
Phosphorus	31-2	-17.53	-16.69	-16.44	-16.89		ppb
Potassium	39-2	877.34	869.52	879.58	875.48	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	8.93	9.07	9.08	9.03	0.96	ppb
Selenium	77-2	8.46	12.10	8.17	9.58	22.87	ppb
Selenium	78-2	7.73	7.56	9.39	8.22	12.27	ppb
Silicon	28-1	3.44	3.66	3.64	3.58	3.33	ppb
Silver	107-1	1.68	1.72	1.71	1.70	1.14	ppb
Silver	109-1	1.70	1.68	1.70	1.69	0.69	ppb
Sodium	23-2	846.60	844.45	891.66	860.91	3.10	ppb
Strontium	86-1	1.66	1.78	1.71	1.72	3.38	ppb
Strontium	88-1	1.70	1.76	1.73	1.73	1.73	ppb
Sulfur	34-1	-347.41	-272.42	-292.18	-304.00		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.48	1.46	1.52	1.49	1.81	ppb
Thallium	205-1	1.47	1.45	1.49	1.47	1.48	ppb
Tin	118-1	0.02	0.04	0.04	0.03	31.15	ppb
Titanium	47-1	8.10	8.18	8.03	8.10	0.90	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.42	1.39	1.42	1.41	1.34	ppb
Vanadium	51-2	8.67	8.52	8.60	8.60	0.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9.16	9.40	9.12	9.23	1.65	ppb
Zirconium	90-1	1.71	1.77	1.71	1.73	1.74	ppb
Zirconium	91-1	1.77	1.69	1.79	1.75	3.01	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.08	20.74	20.05	20.62	2.56	ppb
Antimony	121-1	1.96	2.00	2.06	2.00	2.48	ppb
Arsenic	75-2	0.99	1.00	1.09	1.03	5.39	ppb
Barium	135-1	9.27	9.33	9.48	9.36	1.13	ppb
Barium	137-1	9.13	9.42	9.30	9.29	1.57	ppb
Beryllium	9-1	1.02	0.92	0.97	0.97	4.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.18	1.28	1.27	6.55	ppb
Cadmium	106-1	1.78	2.30	0.68	1.59	52.16	ppb
Cadmium	111-1	1.21	1.28	1.17	1.22	4.46	ppb
Calcium	43-1	497.52	505.62	513.19	505.45	1.55	ppb
Calcium	44-1	500.15	500.43	506.20	502.26	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.29	2.32	2.32	1.42	ppb
Cobalt	59-2	1.05	1.04	1.07	1.05	1.34	ppb
Copper	63-2	1.80	1.77	1.73	1.77	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	222.06	222.33	220.61	221.66	0.42	ppb
Iron	57-2	220.61	219.71	219.67	220.00	0.24	ppb
Iron	54-2	228.78	230.40	222.12	227.10	1.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.92	0.91	0.91	1.40	ppb
Lead	207-1	0.94	0.92	0.94	0.93	1.05	ppb
Lead	208-1	0.94	0.91	0.92	0.92	1.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	555.06	546.40	548.16	549.87	0.83	ppb
Manganese	55-2	1.04	0.99	1.04	1.02	2.96	ppb
Molybdenum	94-1	5.44	5.51	5.55	5.50	1.03	ppb
Molybdenum	95-1	4.61	4.60	4.59	4.60	0.18	ppb
Molybdenum	96-1	4.74	4.73	4.72	4.73	0.22	ppb
Molybdenum	97-1	4.65	4.46	4.56	4.56	2.08	ppb
Molybdenum	98-1	4.49	4.69	4.59	4.59	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.04	1.09	1.06	3.21	ppb
Phosphorus	31-2	-12.49	-16.98	-17.36	-15.61		ppb
Potassium	39-2	528.42	525.49	524.60	526.17	0.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.74	5.76	5.64	5.71	1.11	ppb
Selenium	77-2	5.41	5.71	6.64	5.92	10.86	ppb
Selenium	78-2	6.22	4.91	4.42	5.18	18.01	ppb
Silicon	28-1	1.89	1.90	1.91	1.90	0.41	ppb
Silver	107-1	0.95	1.01	1.02	0.99	3.63	ppb
Silver	109-1	0.97	1.01	1.01	1.00	2.28	ppb
Sodium	23-2	535.48	532.77	530.06	532.77	0.51	ppb
Strontium	86-1	1.03	1.05	1.05	1.05	1.14	ppb
Strontium	88-1	1.03	1.02	1.05	1.03	1.84	ppb
Sulfur	34-1	-320.15	-285.19	-310.02	-305.12		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.89	0.89	0.90	1.89	ppb
Thallium	205-1	0.88	0.87	0.91	0.89	2.34	ppb
Tin	118-1	0.00	0.01	0.00	0.00	135.59	ppb
Titanium	47-1	4.81	4.70	4.76	4.76	1.21	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.84	0.85	0.85	0.37	ppb
Vanadium	51-2	5.16	5.26	5.05	5.16	2.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5.37	5.57	5.50	5.48	1.81	ppb
Zirconium	90-1	1.03	1.03	1.04	1.03	0.90	ppb
Zirconium	91-1	1.05	1.07	1.03	1.05	1.76	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70383.25	69254.29	70389.55	70009.03	0.93	ppb
Antimony	121-1	0.85	0.86	0.84	0.85	1.46	ppb
Arsenic	75-2	74.57	75.68	73.24	74.50	1.64	ppb
Barium	135-1	256.32	256.93	253.67	255.64	0.68	ppb
Barium	137-1	257.28	257.69	254.86	256.61	0.60	ppb
Beryllium	9-1	1.21	1.25	1.26	1.24	2.30	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.73	2.28	2.71	2.57	9.80	ppb
Cadmium	106-1	2.18	1.58	0.27	1.34	72.63	ppb
Cadmium	111-1	0.21	0.21	0.09	0.17	41.60	ppb
Calcium	43-1	16169.95	16524.68	16378.69	16357.77	1.09	ppb
Calcium	44-1	15339.66	15486.80	15593.33	15473.26	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	401.37	396.30	404.30	400.66	1.01	ppb
Cobalt	59-2	103.99	103.60	105.67	104.42	1.06	ppb
Copper	63-2	314.76	315.33	320.23	316.77	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	127581.60	127628.58	130069.18	128426.45	1.11	ppb
Iron	57-2	123728.38	125769.35	128274.09	125923.94	1.81	ppb
Iron	54-2	128462.87	129209.94	131903.56	129858.79	1.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.48	7.71	7.63	7.61	1.57	ppb
Lead	207-1	7.03	7.21	7.11	7.12	1.27	ppb
Lead	208-1	7.21	7.41	7.34	7.32	1.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	38069.92	38099.00	38527.25	38232.06	0.67	ppb
Manganese	55-2	2049.04	2059.10	2091.82	2066.65	1.08	ppb
Molybdenum	94-1	11.28	11.47	11.28	11.34	0.98	ppb
Molybdenum	95-1	0.99	0.98	1.01	0.99	1.27	ppb
Molybdenum	96-1	2.81	2.81	2.85	2.82	0.74	ppb
Molybdenum	97-1	0.99	1.01	1.01	1.00	0.99	ppb
Molybdenum	98-1	0.99	0.98	0.93	0.97	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	198.41	198.68	199.54	198.88	0.30	ppb
Phosphorus	31-2	444.58	430.30	439.01	437.96	1.64	ppb
Potassium	39-2	1190.66	1181.75	1218.51	1196.97	1.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	1.28	0.88	0.88	1.01	22.69	ppb
Selenium	77-2	7.92	5.48	6.83	6.75	18.11	ppb
Selenium	78-2	1.81	3.52	2.94	2.76	31.46	ppb
Silicon	28-1	1233.54	1223.74	1272.54	1243.27	2.08	ppb
Silver	107-1	0.16	0.14	0.12	0.14	12.28	ppb
Silver	109-1	0.16	0.13	0.12	0.13	15.81	ppb
Sodium	23-2	223.32	221.73	225.61	223.55	0.87	ppb
Strontium	86-1	56.27	57.40	57.29	56.99	1.10	ppb
Strontium	88-1	56.87	58.60	58.43	57.97	1.65	ppb
Sulfur	34-1	-1357.83	-1498.69	-1640.92	-1499.15		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.19	0.19	0.19	2.06	ppb
Thallium	205-1	0.18	0.20	0.20	0.19	6.04	ppb
Tin	118-1	2.61	3.55	2.53	2.90	19.57	ppb
Titanium	47-1	2886.28	3004.60	2987.32	2959.40	2.16	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.46	0.46	0.46	0.77	ppb
Vanadium	51-2	239.00	239.94	245.24	241.39	1.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	140.15	141.21	143.37	141.58	1.16	ppb
Zirconium	90-1	6.21	6.34	6.30	6.28	1.07	ppb
Zirconium	91-1	6.20	6.31	6.46	6.32	2.04	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66721.46	66025.92	66142.90	66296.76	0.56	ppb
Antimony	121-1	0.89	0.89	0.91	0.90	0.84	ppb
Arsenic	75-2	79.76	79.92	78.16	79.28	1.23	ppb
Barium	135-1	303.93	308.34	307.77	306.68	0.78	ppb
Barium	137-1	315.04	328.21	324.39	322.55	2.10	ppb
Beryllium	9-1	1.41	1.45	1.49	1.45	3.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.31	2.41	2.31	3.96	ppb
Cadmium	106-1	2.93	1.54	2.20	2.22	31.44	ppb
Cadmium	111-1	0.86	0.71	0.79	0.79	9.56	ppb
Calcium	43-1	12834.57	13096.38	13121.25	13017.40	1.22	ppb
Calcium	44-1	12319.86	12477.61	12271.06	12356.18	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329.40	327.27	324.06	326.91	0.82	ppb
Cobalt	59-2	90.54	89.17	89.99	89.90	0.76	ppb
Copper	63-2	283.12	277.10	280.79	280.34	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	122712.83	116818.30	121206.35	120245.82	2.55	ppb
Iron	57-2	119062.19	116206.19	118045.41	117771.26	1.23	ppb
Iron	54-2	121958.21	121259.77	123741.54	122319.84	1.05	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.89	19.00	18.92	18.94	0.32	ppb
Lead	207-1	17.80	18.11	18.42	18.11	1.71	ppb
Lead	208-1	18.35	18.53	18.54	18.47	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	36773.32	36387.15	37126.51	36762.32	1.01	ppb
Manganese	55-2	2054.97	2002.37	2052.86	2036.73	1.46	ppb
Molybdenum	94-1	9.90	10.24	10.13	10.09	1.72	ppb
Molybdenum	95-1	0.79	0.78	0.74	0.77	3.62	ppb
Molybdenum	96-1	2.40	2.43	2.38	2.41	0.97	ppb
Molybdenum	97-1	0.76	0.80	0.79	0.78	2.39	ppb
Molybdenum	98-1	0.77	0.75	0.73	0.75	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.36	186.98	187.97	188.77	1.22	ppb
Phosphorus	31-2	657.23	631.74	629.69	639.55	2.40	ppb
Potassium	39-2	1844.95	1835.23	1853.35	1844.51	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.31	1.19	1.67	1.39	18.26	ppb
Selenium	77-2	11.06	9.83	10.92	10.61	6.35	ppb
Selenium	78-2	2.49	2.83	2.12	2.48	14.38	ppb
Silicon	28-1	1310.57	1354.42	1312.65	1325.88	1.87	ppb
Silver	107-1	0.44	0.47	0.48	0.47	3.93	ppb
Silver	109-1	0.46	0.49	0.49	0.48	3.44	ppb
Sodium	23-2	177.81	175.94	182.79	178.85	1.98	ppb
Strontium	86-1	55.88	56.65	56.30	56.28	0.69	ppb
Strontium	88-1	56.81	58.06	56.97	57.28	1.18	ppb
Sulfur	34-1	-1776.37	-1719.61	-1745.70	-1747.23		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.26	0.27	0.25	9.97	ppb
Thallium	205-1	0.23	0.25	0.26	0.25	6.69	ppb
Tin	118-1	2.65	2.75	2.71	2.70	1.92	ppb
Titanium	47-1	1712.89	1751.59	1728.83	1731.10	1.12	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.75	0.75	1.24	ppb
Vanadium	51-2	262.73	256.61	255.83	258.39	1.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	152.72	150.50	154.17	152.47	1.21	ppb
Zirconium	90-1	5.59	5.72	5.55	5.62	1.59	ppb
Zirconium	91-1	5.82	5.84	5.78	5.81	0.52	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44809.48	44264.88	44754.34	44609.57	0.67	ppb
Antimony	121-1	1.59	1.62	1.63	1.61	0.96	ppb
Arsenic	75-2	162.04	162.04	161.36	161.81	0.24	ppb
Barium	135-1	585.05	586.89	574.37	582.10	1.16	ppb
Barium	137-1	571.57	585.64	588.83	582.01	1.58	ppb
Beryllium	9-1	2.15	2.32	2.22	2.23	3.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.77	2.87	2.78	2.76	ppb
Cadmium	106-1	5.06	5.14	3.87	4.69	15.20	ppb
Cadmium	111-1	1.63	1.71	1.57	1.63	4.25	ppb
Calcium	43-1	98972.96	102144.43	100802.58	100639.99	1.58	ppb
Calcium	44-1	99347.60	103030.52	102927.05	101768.39	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.98	99.82	100.09	100.63	1.17	ppb
Cobalt	59-2	53.37	52.76	52.39	52.84	0.94	ppb
Copper	63-2	413.00	402.11	400.55	405.22	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	103593.06	103046.07	102024.56	102887.89	0.77	ppb
Iron	57-2	103570.60	102778.19	102006.41	102785.07	0.76	ppb
Iron	54-2	103648.65	104929.65	104872.81	104483.71	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.79	95.80	94.62	94.40	1.61	ppb
Lead	207-1	91.24	94.47	93.28	93.00	1.76	ppb
Lead	208-1	97.54	99.78	99.33	98.89	1.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	23392.98	23349.43	23475.88	23406.10	0.27	ppb
Manganese	55-2	5102.06	5152.90	5210.60	5155.19	1.05	ppb
Molybdenum	94-1	23.74	24.50	24.53	24.26	1.84	ppb
Molybdenum	95-1	0.96	1.00	0.97	0.98	2.47	ppb
Molybdenum	96-1	3.86	3.96	3.91	3.91	1.28	ppb
Molybdenum	97-1	0.84	0.95	0.92	0.90	6.11	ppb
Molybdenum	98-1	0.88	0.89	0.90	0.89	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.61	105.89	105.72	106.07	0.45	ppb
Phosphorus	31-2	2847.24	2884.64	2860.37	2864.08	0.66	ppb
Potassium	39-2	8804.52	8760.32	8861.92	8808.92	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.80	1.95	1.82	1.86	4.35	ppb
Selenium	77-2	18.94	18.24	21.65	19.61	9.17	ppb
Selenium	78-2	4.98	5.13	5.05	5.06	1.43	ppb
Silicon	28-1	1279.10	1313.27	1299.22	1297.19	1.32	ppb
Silver	107-1	1.10	1.16	1.16	1.14	3.18	ppb
Silver	109-1	1.11	1.13	1.16	1.14	2.12	ppb
Sodium	23-2	228.91	230.96	233.08	230.98	0.90	ppb
Strontium	86-1	85.95	87.93	88.72	87.53	1.63	ppb
Strontium	88-1	87.59	89.19	89.06	88.62	1.00	ppb
Sulfur	34-1	-190.77	-43.53	-53.11	-95.80		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.58	0.63	0.64	0.62	4.76	ppb
Thallium	205-1	0.58	0.62	0.59	0.60	3.03	ppb
Tin	118-1	4.48	4.50	4.47	4.48	0.30	ppb
Titanium	47-1	876.37	882.24	886.82	881.81	0.59	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.79	0.78	0.78	1.41	ppb
Vanadium	51-2	201.04	193.68	200.09	198.27	2.02	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	339.44	336.32	336.66	337.47	0.51	ppb
Zirconium	90-1	13.74	14.17	14.22	14.04	1.88	ppb
Zirconium	91-1	13.91	14.07	14.31	14.10	1.40	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39042.90	39228.05	39243.49	39171.48	0.28	ppb
Antimony	121-1	1.67	1.69	1.69	1.68	0.91	ppb
Arsenic	75-2	152.41	153.63	151.73	152.59	0.63	ppb
Barium	135-1	533.42	528.35	535.16	532.31	0.66	ppb
Barium	137-1	530.46	537.24	553.67	540.46	2.21	ppb
Beryllium	9-1	1.91	2.04	1.85	1.93	4.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	1.95	1.86	2.02	9.97	ppb
Cadmium	106-1	4.48	4.23	3.60	4.10	11.01	ppb
Cadmium	111-1	1.34	1.34	1.29	1.33	2.34	ppb
Calcium	43-1	98029.31	103409.91	101106.42	100848.55	2.68	ppb
Calcium	44-1	99688.83	102174.90	102390.21	101417.98	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.70	90.50	90.56	90.25	0.53	ppb
Cobalt	59-2	43.67	44.17	44.29	44.04	0.75	ppb
Copper	63-2	188.20	182.73	186.06	185.66	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	85328.58	85546.66	87401.08	86092.11	1.32	ppb
Iron	57-2	85115.86	86563.45	86017.11	85898.81	0.85	ppb
Iron	54-2	87887.76	87521.04	87814.64	87741.15	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.67	68.06	69.50	68.41	1.41	ppb
Lead	207-1	66.74	67.17	68.36	67.42	1.25	ppb
Lead	208-1	67.19	67.11	68.80	67.70	1.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	19866.86	19675.32	20412.92	19985.03	1.92	ppb
Manganese	55-2	3361.17	3351.66	3397.71	3370.18	0.72	ppb
Molybdenum	94-1	20.39	21.17	20.70	20.76	1.89	ppb
Molybdenum	95-1	1.00	1.08	1.00	1.02	4.28	ppb
Molybdenum	96-1	3.44	3.59	3.48	3.50	2.31	ppb
Molybdenum	97-1	0.95	0.99	0.94	0.96	2.86	ppb
Molybdenum	98-1	0.93	0.93	0.96	0.94	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.18	91.92	91.87	91.33	1.08	ppb
Phosphorus	31-2	2272.83	2264.94	2267.56	2268.44	0.18	ppb
Potassium	39-2	6609.74	6649.80	6702.90	6654.15	0.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.28	1.66	1.61	1.52	13.38	ppb
Selenium	77-2	16.86	17.34	16.68	16.96	2.03	ppb
Selenium	78-2	3.93	5.19	4.22	4.45	14.90	ppb
Silicon	28-1	1314.24	1323.60	1304.54	1314.13	0.73	ppb
Silver	107-1	0.60	0.58	0.61	0.60	2.66	ppb
Silver	109-1	0.62	0.61	0.65	0.63	3.67	ppb
Sodium	23-2	181.47	185.41	189.40	185.43	2.14	ppb
Strontium	86-1	80.00	82.42	80.83	81.08	1.51	ppb
Strontium	88-1	80.55	83.21	81.06	81.61	1.73	ppb
Sulfur	34-1	-395.93	-367.12	-342.78	-368.61		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.46	0.50	0.49	0.48	4.33	ppb
Thallium	205-1	0.46	0.48	0.49	0.48	3.21	ppb
Tin	118-1	4.77	4.84	4.92	4.84	1.52	ppb
Titanium	47-1	831.14	857.28	842.07	843.50	1.56	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.73	0.70	2.66	ppb
Vanadium	51-2	173.11	174.34	175.46	174.31	0.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	232.68	236.21	235.53	234.81	0.80	ppb
Zirconium	90-1	11.63	12.01	12.05	11.90	1.96	ppb
Zirconium	91-1	12.10	12.21	12.23	12.18	0.56	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44504.03	43890.09	43448.87	43947.66	1.21	ppb
Antimony	121-1	1.72	1.77	1.78	1.76	1.92	ppb
Arsenic	75-2	175.95	172.79	176.09	174.94	1.07	ppb
Barium	135-1	458.49	455.96	474.83	463.09	2.21	ppb
Barium	137-1	467.81	467.09	479.75	471.55	1.51	ppb
Beryllium	9-1	2.18	2.11	2.21	2.17	2.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.33	1.72	1.51	12.86	ppb
Cadmium	106-1	3.32	3.67	3.51	3.50	5.04	ppb
Cadmium	111-1	0.73	0.74	0.69	0.72	3.90	ppb
Calcium	43-1	136140.03	140735.81	140088.50	138988.11	1.79	ppb
Calcium	44-1	138843.17	141870.01	139849.06	140187.41	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.39	99.17	99.89	99.82	0.61	ppb
Cobalt	59-2	47.10	47.24	47.31	47.22	0.23	ppb
Copper	63-2	117.56	118.08	115.68	117.11	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	94284.93	94189.33	94004.55	94159.60	0.15	ppb
Iron	57-2	93511.18	94027.12	94797.04	94111.78	0.69	ppb
Iron	54-2	95231.25	94353.55	94823.29	94802.70	0.46	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.16	33.34	34.04	33.52	1.39	ppb
Lead	207-1	32.05	31.87	33.26	32.40	2.33	ppb
Lead	208-1	32.25	32.73	33.56	32.84	2.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	21374.82	21533.08	21246.22	21384.71	0.67	ppb
Manganese	55-2	2595.55	2550.56	2617.58	2587.90	1.32	ppb
Molybdenum	94-1	18.18	18.81	18.63	18.54	1.76	ppb
Molybdenum	95-1	0.78	0.81	0.80	0.80	1.86	ppb
Molybdenum	96-1	3.11	3.25	3.19	3.19	2.12	ppb
Molybdenum	97-1	0.73	0.77	0.77	0.76	3.19	ppb
Molybdenum	98-1	0.76	0.73	0.76	0.75	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.48	102.63	103.17	102.76	0.35	ppb
Phosphorus	31-2	2088.42	2059.75	2019.57	2055.92	1.68	ppb
Potassium	39-2	6658.40	6806.79	6765.90	6743.70	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	1.98	1.51	1.59	1.69	15.04	ppb
Selenium	77-2	20.04	16.75	18.53	18.44	8.92	ppb
Selenium	78-2	3.06	3.86	3.67	3.53	11.97	ppb
Silicon	28-1	1223.30	1332.14	1261.18	1272.21	4.34	ppb
Silver	107-1	0.18	0.19	0.21	0.19	6.19	ppb
Silver	109-1	0.18	0.21	0.21	0.20	7.31	ppb
Sodium	23-2	182.07	183.13	186.02	183.74	1.11	ppb
Strontium	86-1	94.55	96.75	95.94	95.75	1.16	ppb
Strontium	88-1	93.81	95.55	95.79	95.05	1.14	ppb
Sulfur	34-1	-543.86	-387.18	-516.40	-482.48		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.41	0.41	0.42	0.41	1.06	ppb
Thallium	205-1	0.38	0.40	0.40	0.40	2.70	ppb
Tin	118-1	3.01	3.10	3.16	3.09	2.47	ppb
Titanium	47-1	937.26	947.68	943.28	942.74	0.55	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.80	0.78	2.67	ppb
Vanadium	51-2	188.93	189.19	187.80	188.64	0.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	176.64	175.12	175.32	175.69	0.47	ppb
Zirconium	90-1	10.83	10.80	10.92	10.85	0.57	ppb
Zirconium	91-1	10.60	10.96	11.09	10.88	2.32	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48390.00	47037.73	46692.74	47373.49	1.89	ppb
Antimony	121-1	1.26	1.31	1.28	1.28	1.86	ppb
Arsenic	75-2	199.32	201.45	199.70	200.15	0.57	ppb
Barium	135-1	610.02	617.03	610.69	612.58	0.63	ppb
Barium	137-1	608.87	615.05	616.51	613.48	0.66	ppb
Beryllium	9-1	2.52	2.41	2.65	2.53	4.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.73	1.76	1.68	6.79	ppb
Cadmium	106-1	4.31	3.64	3.04	3.66	17.25	ppb
Cadmium	111-1	0.69	0.69	0.58	0.66	9.37	ppb
Calcium	43-1	138983.12	142969.39	142006.14	141319.55	1.47	ppb
Calcium	44-1	143831.58	144001.52	141871.07	143234.73	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.80	105.11	104.67	105.86	1.60	ppb
Cobalt	59-2	54.69	53.65	53.88	54.07	1.02	ppb
Copper	63-2	115.36	112.51	111.84	113.24	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	105945.98	103474.46	103743.65	104388.03	1.30	ppb
Iron	57-2	105574.59	102878.13	103344.27	103932.33	1.39	ppb
Iron	54-2	106419.68	104261.88	104663.71	105115.09	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.01	29.47	29.11	29.20	0.83	ppb
Lead	207-1	27.60	27.68	27.82	27.70	0.40	ppb
Lead	208-1	28.20	28.41	28.41	28.34	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	24043.05	23528.77	23737.49	23769.77	1.09	ppb
Manganese	55-2	3678.80	3630.89	3649.34	3653.01	0.66	ppb
Molybdenum	94-1	21.64	21.75	21.92	21.77	0.65	ppb
Molybdenum	95-1	1.00	1.02	1.03	1.02	1.56	ppb
Molybdenum	96-1	3.64	3.81	3.77	3.74	2.40	ppb
Molybdenum	97-1	0.96	0.98	1.03	0.99	3.40	ppb
Molybdenum	98-1	0.99	0.97	0.94	0.97	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.27	110.86	111.32	112.15	1.65	ppb
Phosphorus	31-2	2088.93	2065.96	2069.49	2074.79	0.60	ppb
Potassium	39-2	7001.94	6947.69	6887.79	6945.81	0.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.96	1.95	1.92	1.61	35.04	ppb
Selenium	77-2	18.57	18.98	21.03	19.53	6.73	ppb
Selenium	78-2	4.40	4.40	4.31	4.37	1.19	ppb
Silicon	28-1	1272.69	1281.40	1244.87	1266.32	1.51	ppb
Silver	107-1	0.14	0.14	0.15	0.14	5.02	ppb
Silver	109-1	0.13	0.14	0.15	0.14	7.19	ppb
Sodium	23-2	182.78	180.74	185.49	183.01	1.30	ppb
Strontium	86-1	107.83	108.50	110.28	108.87	1.16	ppb
Strontium	88-1	110.51	109.86	110.69	110.35	0.39	ppb
Sulfur	34-1	-454.35	-532.10	-504.70	-497.05		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.44	0.44	0.43	0.44	0.83	ppb
Thallium	205-1	0.45	0.44	0.44	0.44	0.53	ppb
Tin	118-1	2.67	2.77	2.80	2.74	2.51	ppb
Titanium	47-1	903.87	897.56	907.99	903.14	0.58	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.87	0.84	0.85	1.73	ppb
Vanadium	51-2	216.90	212.04	206.35	211.76	2.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	173.63	170.31	169.91	171.28	1.19	ppb
Zirconium	90-1	12.48	12.57	12.70	12.58	0.87	ppb
Zirconium	91-1	12.59	12.77	12.67	12.68	0.69	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53590.39	53044.80	53752.20	53462.46	0.69	ppb
Antimony	121-1	1.33	1.40	1.39	1.37	2.68	ppb
Arsenic	75-2	232.31	226.95	229.05	229.43	1.18	ppb
Barium	135-1	584.03	592.16	587.22	587.80	0.70	ppb
Barium	137-1	580.66	607.30	583.82	590.60	2.46	ppb
Beryllium	9-1	2.49	2.59	2.49	2.52	2.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.69	1.79	1.76	3.29	ppb
Cadmium	106-1	4.14	4.09	3.74	3.99	5.44	ppb
Cadmium	111-1	0.85	0.81	0.79	0.81	4.03	ppb
Calcium	43-1	141485.22	144830.40	140993.14	142436.25	1.47	ppb
Calcium	44-1	142338.23	146821.44	144024.37	144394.68	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.16	128.32	128.39	129.29	1.25	ppb
Cobalt	59-2	59.81	58.91	59.17	59.30	0.78	ppb
Copper	63-2	138.96	136.79	138.69	138.15	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	116809.05	115578.61	114897.75	115761.80	0.84	ppb
Iron	57-2	115743.18	115193.60	114097.20	115011.33	0.73	ppb
Iron	54-2	116499.46	116298.63	116645.25	116481.12	0.15	ppb
Krypton	83-1						cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.58	36.83	36.85	36.75	0.41	ppb
Lead	207-1	34.41	35.72	35.30	35.15	1.90	ppb
Lead	208-1	35.24	36.08	35.86	35.73	1.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	27596.93	27338.34	26991.12	27308.80	1.11	ppb
Manganese	55-2	3277.33	3285.99	3280.46	3281.26	0.13	ppb
Molybdenum	94-1	20.99	21.46	21.73	21.40	1.75	ppb
Molybdenum	95-1	0.86	0.89	0.88	0.88	1.72	ppb
Molybdenum	96-1	3.64	3.72	3.64	3.66	1.27	ppb
Molybdenum	97-1	0.90	0.87	0.84	0.87	3.50	ppb
Molybdenum	98-1	0.85	0.84	0.81	0.83	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.52	125.40	126.40	126.11	0.49	ppb
Phosphorus	31-2	2451.45	2419.30	2428.95	2433.23	0.68	ppb
Potassium	39-2	8127.35	7998.53	8008.95	8044.94	0.89	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.56	1.38	2.04	1.66	20.52	ppb
Selenium	77-2	23.58	19.70	21.80	21.69	8.95	ppb
Selenium	78-2	4.64	5.93	4.83	5.13	13.50	ppb
Silicon	28-1	1287.90	1297.91	1287.30	1291.04	0.46	ppb
Silver	107-1	0.18	0.19	0.18	0.18	3.50	ppb
Silver	109-1	0.17	0.17	0.19	0.18	6.57	ppb
Sodium	23-2	204.77	204.19	212.11	207.02	2.13	ppb
Strontium	86-1	99.63	101.06	100.92	100.54	0.79	ppb
Strontium	88-1	100.67	102.74	102.45	101.95	1.10	ppb
Sulfur	34-1	-429.50	-368.27	-506.78	-434.85		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.53	0.52	0.51	0.52	2.26	ppb
Thallium	205-1	0.51	0.53	0.52	0.52	1.64	ppb
Tin	118-1	3.00	3.15	3.05	3.07	2.40	ppb
Titanium	47-1	943.93	961.44	950.17	951.85	0.93	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.93	0.93	0.93	0.75	ppb
Vanadium	51-2	241.88	238.56	240.25	240.23	0.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	205.71	205.39	207.28	206.13	0.49	ppb
Zirconium	90-1	12.25	12.37	12.43	12.35	0.74	ppb
Zirconium	91-1	12.47	12.56	12.65	12.56	0.73	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56463.13	56332.92	56657.86	56484.64	0.29	ppb
Antimony	121-1	0.76	0.77	0.75	0.76	1.37	ppb
Arsenic	75-2	111.89	116.07	114.28	114.08	1.84	ppb
Barium	135-1	663.67	656.26	637.50	652.48	2.07	ppb
Barium	137-1	658.30	658.44	644.34	653.70	1.24	ppb
Beryllium	9-1	2.90	2.82	2.88	2.87	1.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.43	2.35	2.13	2.31	6.71	ppb
Cadmium	106-1	5.40	4.13	3.54	4.36	21.75	ppb
Cadmium	111-1	1.03	0.89	0.84	0.92	10.88	ppb
Calcium	43-1	16002.53	16126.00	16659.56	16262.70	2.15	ppb
Calcium	44-1	15682.68	15581.02	15476.32	15580.00	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.04	145.92	146.51	145.82	0.51	ppb
Cobalt	59-2	68.83	68.42	69.48	68.91	0.78	ppb
Copper	63-2	187.86	186.31	187.07	187.08	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	131391.89	129606.27	132607.16	131201.77	1.15	ppb
Iron	57-2	128478.99	128427.12	129461.89	128789.33	0.45	ppb
Iron	54-2	131626.85	131519.35	130736.25	131294.15	0.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.95	44.04	45.73	44.91	1.89	ppb
Lead	207-1	42.69	42.55	45.85	43.69	4.27	ppb
Lead	208-1	43.36	43.17	45.07	43.87	2.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	29559.53	29694.24	29161.51	29471.76	0.94	ppb
Manganese	55-2	5449.44	5403.51	5505.74	5452.90	0.94	ppb
Molybdenum	94-1	32.49	32.36	32.25	32.37	0.37	ppb
Molybdenum	95-1	1.02	1.01	1.01	1.01	0.54	ppb
Molybdenum	96-1	5.15	5.14	4.85	5.05	3.33	ppb
Molybdenum	97-1	0.97	0.96	0.97	0.97	0.41	ppb
Molybdenum	98-1	0.95	0.98	0.91	0.95	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.87	117.15	117.20	117.41	0.34	ppb
Phosphorus	31-2	2240.19	2269.97	2288.86	2266.34	1.08	ppb
Potassium	39-2	10057.15	10291.46	10255.80	10201.47	1.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	1.03	1.04	1.21	1.09	9.49	ppb
Selenium	77-2	23.42	21.48	18.63	21.17	11.37	ppb
Selenium	78-2	3.60	4.51	4.76	4.29	14.14	ppb
Silicon	28-1	1476.96	1479.45	1425.04	1460.49	2.10	ppb
Silver	107-1	0.21	0.22	0.22	0.22	2.68	ppb
Silver	109-1	0.20	0.21	0.19	0.20	3.83	ppb
Sodium	23-2	228.37	238.02	235.60	233.99	2.15	ppb
Strontium	86-1	94.64	93.38	92.16	93.39	1.33	ppb
Strontium	88-1	94.31	94.94	94.42	94.56	0.35	ppb
Sulfur	34-1	-1173.81	-1580.23	-1662.04	-1472.02		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.47	0.49	0.47	4.80	ppb
Thallium	205-1	0.44	0.47	0.47	0.46	3.46	ppb
Tin	118-1	3.07	3.12	2.92	3.04	3.45	ppb
Titanium	47-1	1017.50	1012.49	991.22	1007.07	1.39	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.07	1.14	1.09	3.34	ppb
Vanadium	51-2	260.72	260.94	265.76	262.47	1.09	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	243.00	244.15	244.82	243.99	0.38	ppb
Zirconium	90-1	18.75	19.20	18.43	18.79	2.05	ppb
Zirconium	91-1	19.58	19.57	18.76	19.31	2.43	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49243.87	50001.90	49289.91	49511.89	0.86	ppb
Antimony	121-1	1.20	1.22	1.20	1.21	1.25	ppb
Arsenic	75-2	142.79	144.21	143.86	143.62	0.51	ppb
Barium	135-1	374.34	382.81	376.13	377.76	1.18	ppb
Barium	137-1	401.15	410.10	407.32	406.19	1.13	ppb
Beryllium	9-1	1.88	1.98	1.81	1.89	4.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.01	2.98	3.09	5.32	ppb
Cadmium	106-1	3.82	4.26	3.99	4.02	5.51	ppb
Cadmium	111-1	0.87	0.98	0.97	0.94	6.22	ppb
Calcium	43-1	13495.28	13433.84	13544.79	13491.30	0.41	ppb
Calcium	44-1	12687.93	12788.61	12935.61	12804.05	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.24	135.97	136.02	136.41	0.53	ppb
Cobalt	59-2	61.17	60.71	59.86	60.58	1.09	ppb
Copper	63-2	214.02	212.57	207.27	211.29	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	124021.12	122555.60	122002.46	122859.73	0.85	ppb
Iron	57-2	123610.15	120873.58	121400.12	121961.29	1.19	ppb
Iron	54-2	126516.83	122728.75	123775.09	124340.23	1.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.37	38.26	38.63	38.42	0.50	ppb
Lead	207-1	37.91	38.25	37.73	37.96	0.70	ppb
Lead	208-1	38.12	38.16	38.01	38.10	0.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	26610.65	26622.50	26014.76	26415.97	1.32	ppb
Manganese	55-2	3963.44	3862.23	3846.89	3890.85	1.63	ppb
Molybdenum	94-1	25.78	26.33	26.59	26.23	1.57	ppb
Molybdenum	95-1	1.01	0.99	1.10	1.04	5.72	ppb
Molybdenum	96-1	4.35	4.32	4.36	4.35	0.44	ppb
Molybdenum	97-1	0.96	0.96	1.02	0.98	3.58	ppb
Molybdenum	98-1	0.97	0.97	0.95	0.96	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.41	95.95	95.12	96.16	1.21	ppb
Phosphorus	31-2	1247.07	1223.39	1240.28	1236.91	0.99	ppb
Potassium	39-2	5947.56	5871.79	5889.92	5903.09	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.64	1.42	1.14	1.07	37.05	ppb
Selenium	77-2	17.49	15.69	14.05	15.74	10.93	ppb
Selenium	78-2	1.87	3.26	2.59	2.58	26.89	ppb
Silicon	28-1	1244.37	1227.72	1243.44	1238.51	0.76	ppb
Silver	107-1	0.25	0.26	0.28	0.26	5.14	ppb
Silver	109-1	0.25	0.27	0.26	0.26	3.75	ppb
Sodium	23-2	214.12	213.64	211.64	213.13	0.62	ppb
Strontium	86-1	70.13	70.68	71.47	70.76	0.95	ppb
Strontium	88-1	72.00	71.96	71.08	71.68	0.73	ppb
Sulfur	34-1	-1852.83	-1864.25	-1818.98	-1845.35		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.27	0.29	0.28	3.60	ppb
Thallium	205-1	0.28	0.28	0.27	0.28	1.30	ppb
Tin	118-1	2.75	2.77	2.80	2.77	0.91	ppb
Titanium	47-1	979.71	982.65	999.12	987.16	1.06	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.74	0.75	1.41	ppb
Vanadium	51-2	239.88	237.93	237.37	238.40	0.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	215.63	214.79	211.44	213.95	1.03	ppb
Zirconium	90-1	15.12	15.36	15.43	15.30	1.06	ppb
Zirconium	91-1	15.40	15.42	15.56	15.46	0.58	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52419.92	52319.39	51797.05	52178.79	0.64	ppb
Antimony	121-1	2.39	2.49	2.29	2.39	4.18	ppb
Arsenic	75-2	185.74	181.29	177.98	181.67	2.14	ppb
Barium	135-1	645.37	667.50	646.43	653.10	1.91	ppb
Barium	137-1	651.90	665.52	647.24	654.89	1.45	ppb
Beryllium	9-1	1.89	2.00	1.98	1.96	3.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.49	3.69	3.32	3.50	5.30	ppb
Cadmium	106-1	4.04	4.43	3.71	4.06	8.92	ppb
Cadmium	111-1	2.01	2.07	2.03	2.04	1.40	ppb
Calcium	43-1	12140.88	12322.10	12555.75	12339.58	1.69	ppb
Calcium	44-1	11486.97	11808.53	11841.25	11712.25	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160.29	159.67	158.00	159.32	0.74	ppb
Cobalt	59-2	88.10	87.03	86.55	87.23	0.91	ppb
Copper	63-2	397.28	404.17	385.88	395.78	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	158939.53	161221.05	158224.28	159461.62	0.98	ppb
Iron	57-2	157351.31	159031.14	155647.09	157343.18	1.08	ppb
Iron	54-2	160181.53	161940.85	158266.60	160129.66	1.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.81	86.18	82.77	83.59	2.75	ppb
Lead	207-1	83.27	85.81	84.60	84.56	1.50	ppb
Lead	208-1	88.22	85.20	89.18	87.54	2.37	ppb
Lithium	6-1				92		%
Magnesium	24-2	30590.85	30715.69	30344.99	30550.51	0.62	ppb
Manganese	55-2	6808.37	6900.45	6774.94	6827.92	0.95	ppb
Molybdenum	94-1	24.89	26.61	25.42	25.64	3.44	ppb
Molybdenum	95-1	2.85	2.94	2.80	2.86	2.53	ppb
Molybdenum	96-1	5.93	6.35	6.07	6.12	3.51	ppb
Molybdenum	97-1	2.73	2.91	2.76	2.80	3.45	ppb
Molybdenum	98-1	2.74	2.83	2.77	2.78	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.52	116.00	113.56	114.36	1.24	ppb
Phosphorus	31-2	1616.10	1596.97	1603.95	1605.68	0.60	ppb
Potassium	39-2	6292.35	6284.71	6218.51	6265.19	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	1.53	1.66	1.80	1.67	8.13	ppb
Selenium	77-2	18.35	17.28	15.83	17.15	7.38	ppb
Selenium	78-2	3.33	3.28	3.42	3.35	2.16	ppb
Silicon	28-1	1130.85	1199.38	1177.86	1169.36	3.00	ppb
Silver	107-1	0.66	0.68	0.64	0.66	3.41	ppb
Silver	109-1	0.66	0.68	0.66	0.66	1.94	ppb
Sodium	23-2	197.05	200.37	197.06	198.16	0.97	ppb
Strontium	86-1	79.56	86.32	81.24	82.37	4.27	ppb
Strontium	88-1	80.21	84.28	81.13	81.87	2.61	ppb
Sulfur	34-1	-1849.31	-1739.27	-1795.69	-1794.76		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.33	0.31	0.32	4.23	ppb
Thallium	205-1	0.31	0.33	0.31	0.32	3.10	ppb
Tin	118-1	2.94	3.22	2.91	3.02	5.68	ppb
Titanium	47-1	927.33	959.11	957.18	947.87	1.88	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.82	0.81	1.19	ppb
Vanadium	51-2	291.83	291.03	288.01	290.29	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	312.65	316.29	309.28	312.74	1.12	ppb
Zirconium	90-1	13.65	14.18	13.82	13.88	1.94	ppb
Zirconium	91-1	13.71	14.74	13.80	14.08	4.02	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54198.24	54020.26	54458.75	54225.75	0.41	ppb
Antimony	121-1	0.85	0.89	0.90	0.88	2.89	ppb
Arsenic	75-2	136.06	133.88	129.95	133.29	2.33	ppb
Barium	135-1	522.43	517.15	515.73	518.43	0.68	ppb
Barium	137-1	516.40	518.60	522.28	519.09	0.57	ppb
Beryllium	9-1	2.44	2.43	2.59	2.49	3.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	2.20	1.96	2.05	6.45	ppb
Cadmium	106-1	4.53	3.27	2.81	3.54	25.27	ppb
Cadmium	111-1	0.86	0.77	0.71	0.78	9.28	ppb
Calcium	43-1	15131.43	15324.93	15344.68	15267.01	0.77	ppb
Calcium	44-1	14385.49	14411.61	14540.49	14445.87	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.12	157.88	156.82	157.61	0.44	ppb
Cobalt	59-2	70.27	69.65	70.27	70.06	0.50	ppb
Copper	63-2	201.54	198.99	200.69	200.41	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	138035.77	138974.95	138954.32	138655.01	0.39	ppb
Iron	57-2	136090.78	134085.90	135288.28	135154.99	0.75	ppb
Iron	54-2	138186.31	136717.42	138937.51	137947.08	0.82	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.22	39.64	39.81	39.56	0.78	ppb
Lead	207-1	37.48	39.35	37.83	38.22	2.60	ppb
Lead	208-1	37.86	39.09	38.52	38.49	1.60	ppb
Lithium	6-1				92		%
Magnesium	24-2	31252.42	30723.70	30592.74	30856.29	1.13	ppb
Manganese	55-2	4920.72	4955.33	4986.18	4954.07	0.66	ppb
Molybdenum	94-1	27.45	28.84	28.40	28.23	2.52	ppb
Molybdenum	95-1	1.43	1.34	1.41	1.39	3.37	ppb
Molybdenum	96-1	4.95	4.89	5.02	4.96	1.24	ppb
Molybdenum	97-1	1.37	1.39	1.34	1.37	1.78	ppb
Molybdenum	98-1	1.31	1.31	1.37	1.33	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.35	115.49	116.54	115.79	0.56	ppb
Phosphorus	31-2	1500.94	1536.73	1510.71	1516.13	1.22	ppb
Potassium	39-2	6797.23	6900.89	6826.93	6841.68	0.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.79	1.25	1.13	1.06	22.44	ppb
Selenium	77-2	16.41	17.07	15.10	16.20	6.18	ppb
Selenium	78-2	3.58	2.09	3.39	3.02	26.72	ppb
Silicon	28-1	1247.78	1194.97	1254.23	1232.33	2.64	ppb
Silver	107-1	0.19	0.18	0.19	0.19	3.39	ppb
Silver	109-1	0.19	0.18	0.19	0.19	2.57	ppb
Sodium	23-2	222.40	220.17	222.70	221.76	0.62	ppb
Strontium	86-1	83.35	84.83	85.19	84.45	1.15	ppb
Strontium	88-1	83.87	84.80	84.53	84.40	0.57	ppb
Sulfur	34-1	-1720.94	-1820.35	-1743.87	-1761.72		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.37	0.37	0.36	2.90	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.64	ppb
Tin	118-1	3.11	2.96	3.14	3.07	3.21	ppb
Titanium	47-1	1006.21	988.06	991.89	995.39	0.96	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.91	0.92	2.43	ppb
Vanadium	51-2	266.94	269.09	274.22	270.08	1.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	222.67	221.67	223.06	222.47	0.32	ppb
Zirconium	90-1	15.82	15.88	16.28	15.99	1.54	ppb
Zirconium	91-1	16.65	16.18	16.82	16.55	2.00	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53282.66	52701.66	53693.30	53225.88	0.94	ppb
Antimony	121-1	0.87	0.90	0.89	0.89	1.24	ppb
Arsenic	75-2	133.64	132.29	135.06	133.66	1.03	ppb
Barium	135-1	527.80	525.40	533.10	528.77	0.75	ppb
Barium	137-1	524.68	527.92	532.80	528.47	0.77	ppb
Beryllium	9-1	2.37	2.30	2.49	2.38	4.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	1.78	2.02	2.06	14.32	ppb
Cadmium	106-1	3.05	2.81	2.50	2.79	10.02	ppb
Cadmium	111-1	0.72	0.71	0.69	0.71	2.15	ppb
Calcium	43-1	15354.04	15263.60	15178.83	15265.49	0.57	ppb
Calcium	44-1	14201.44	14207.88	14436.69	14282.00	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153.76	155.44	154.09	154.43	0.58	ppb
Cobalt	59-2	69.49	69.59	69.18	69.42	0.30	ppb
Copper	63-2	198.14	200.49	198.54	199.06	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	138246.20	137226.11	136742.64	137404.98	0.56	ppb
Iron	57-2	132217.87	134572.59	130515.47	132435.31	1.54	ppb
Iron	54-2	137067.24	136410.78	136500.86	136659.63	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.62	37.67	38.27	37.85	0.95	ppb
Lead	207-1	38.09	38.13	38.40	38.21	0.44	ppb
Lead	208-1	37.53	37.93	38.39	37.95	1.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	30573.91	29483.82	30314.60	30124.11	1.89	ppb
Manganese	55-2	4945.16	4885.01	4923.82	4918.00	0.62	ppb
Molybdenum	94-1	27.52	27.73	28.21	27.82	1.27	ppb
Molybdenum	95-1	1.32	1.35	1.41	1.36	3.51	ppb
Molybdenum	96-1	4.70	4.78	4.87	4.78	1.76	ppb
Molybdenum	97-1	1.27	1.32	1.30	1.30	1.64	ppb
Molybdenum	98-1	1.21	1.27	1.31	1.26	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.83	113.89	113.82	113.85	0.03	ppb
Phosphorus	31-2	1479.43	1491.32	1505.63	1492.13	0.88	ppb
Potassium	39-2	6675.35	6643.93	6758.36	6692.55	0.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.47	1.00	1.48	1.31	20.82	ppb
Selenium	77-2	17.75	17.11	17.45	17.44	1.85	ppb
Selenium	78-2	3.10	3.26	4.78	3.71	25.04	ppb
Silicon	28-1	1222.27	1203.23	1221.13	1215.54	0.88	ppb
Silver	107-1	0.18	0.18	0.19	0.18	1.08	ppb
Silver	109-1	0.15	0.17	0.18	0.17	8.69	ppb
Sodium	23-2	215.82	220.46	221.41	219.23	1.37	ppb
Strontium	86-1	79.89	80.94	82.62	81.15	1.69	ppb
Strontium	88-1	81.38	81.57	84.00	82.32	1.77	ppb
Sulfur	34-1	-1827.16	-1894.19	-1914.76	-1878.70		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.36	0.36	0.35	3.24	ppb
Thallium	205-1	0.35	0.37	0.37	0.36	2.35	ppb
Tin	118-1	2.94	3.03	3.04	3.00	1.84	ppb
Titanium	47-1	980.93	1005.76	982.52	989.74	1.40	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.95	0.92	2.55	ppb
Vanadium	51-2	266.76	268.27	266.65	267.23	0.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	217.84	215.65	218.16	217.22	0.63	ppb
Zirconium	90-1	15.47	16.10	16.43	16.00	3.04	ppb
Zirconium	91-1	15.65	16.09	16.55	16.09	2.79	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11196.28	11149.82	11121.63	11155.91	0.34	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	0.87	ppb
Arsenic	75-2	27.89	26.92	27.39	27.40	1.77	ppb
Barium	135-1	96.74	96.32	96.75	96.60	0.26	ppb
Barium	137-1	97.22	96.48	97.87	97.19	0.71	ppb
Beryllium	9-1	0.41	0.44	0.44	0.43	4.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.35	0.38	0.41	20.08	ppb
Cadmium	106-1	0.22	0.01	-0.38	-0.05		ppb
Cadmium	111-1	0.11	0.11	0.07	0.10	21.99	ppb
Calcium	43-1	3094.75	3169.34	3140.29	3134.79	1.20	ppb
Calcium	44-1	3012.77	3046.11	3067.32	3042.07	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.21	32.70	32.75	32.89	0.86	ppb
Cobalt	59-2	14.92	14.85	14.66	14.81	0.92	ppb
Copper	63-2	41.43	41.38	41.37	41.40	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	29329.55	28668.82	28398.26	28798.88	1.66	ppb
Iron	57-2	28641.97	28691.35	27883.08	28405.47	1.60	ppb
Iron	54-2	28972.06	29374.67	28679.31	29008.68	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.49	7.30	7.50	7.43	1.46	ppb
Lead	207-1	7.46	7.23	7.30	7.33	1.56	ppb
Lead	208-1	7.43	7.28	7.40	7.37	1.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	6418.35	6314.47	6432.38	6388.40	1.01	ppb
Manganese	55-2	1034.44	1035.66	1019.83	1029.98	0.86	ppb
Molybdenum	94-1	5.47	5.84	5.50	5.60	3.64	ppb
Molybdenum	95-1	0.28	0.29	0.28	0.28	1.78	ppb
Molybdenum	96-1	0.97	1.04	0.99	1.00	3.58	ppb
Molybdenum	97-1	0.28	0.26	0.28	0.27	4.79	ppb
Molybdenum	98-1	0.26	0.26	0.25	0.26	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	24.27	24.33	24.32	0.18	ppb
Phosphorus	31-2	315.00	304.77	311.43	310.40	1.67	ppb
Potassium	39-2	1430.72	1397.24	1392.35	1406.77	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.16	0.47	0.23	97.43	ppb
Selenium	77-2	3.50	3.61	5.31	4.14	24.58	ppb
Selenium	78-2	1.29	0.58	0.69	0.85	44.38	ppb
Silicon	28-1	250.19	261.35	254.56	255.36	2.20	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.29	ppb
Silver	109-1	0.03	0.04	0.04	0.04	10.26	ppb
Sodium	23-2	53.91	52.73	53.57	53.41	1.14	ppb
Strontium	86-1	16.55	17.21	16.83	16.86	1.96	ppb
Strontium	88-1	16.52	17.20	16.76	16.82	2.07	ppb
Sulfur	34-1	-1912.99	-1887.42	-1921.16	-1907.19		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.08	0.07	4.66	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	3.89	ppb
Tin	118-1	0.56	0.58	0.58	0.57	2.16	ppb
Titanium	47-1	205.01	207.66	203.90	205.52	0.94	ppb

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.17	0.17	1.81	ppb
Vanadium	51-2	57.55	57.49	57.01	57.35	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	46.88	47.27	47.61	47.25	0.77	ppb
Zirconium	90-1	3.17	3.30	3.25	3.24	1.94	ppb
Zirconium	91-1	3.26	3.32	3.28	3.29	0.92	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56745.87	55315.01	53891.43	55317.44	2.58	ppb
Antimony	121-1	55.89	57.42	58.00	57.10	1.91	ppb
Arsenic	75-2	156.87	157.38	155.26	156.50	0.71	ppb
Barium	135-1	1609.14	1642.25	1693.96	1648.45	2.59	ppb
Barium	137-1	1648.68	1658.01	1679.63	1662.10	0.96	ppb
Beryllium	9-1	30.61	31.80	32.56	31.66	3.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.23	28.85	27.86	28.31	1.78	ppb
Cadmium	106-1	27.66	29.31	29.43	28.80	3.44	ppb
Cadmium	111-1	28.32	29.29	29.84	29.15	2.64	ppb
Calcium	43-1	15087.60	15505.03	15416.92	15336.52	1.43	ppb
Calcium	44-1	14287.48	14516.30	14559.99	14454.59	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267.40	268.21	262.19	265.93	1.23	ppb
Cobalt	59-2	348.23	344.78	344.17	345.73	0.63	ppb
Copper	63-2	329.42	329.47	331.03	329.98	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	136375.48	138779.75	137345.91	137500.38	0.88	ppb
Iron	57-2	136862.92	136330.59	134801.46	135998.32	0.79	ppb
Iron	54-2	140699.01	139516.85	135701.63	138639.16	1.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.12	48.85	48.29	48.42	0.80	ppb
Lead	207-1	46.70	47.90	47.45	47.35	1.28	ppb
Lead	208-1	47.36	48.14	47.85	47.78	0.83	ppb
Lithium	6-1				93		%
Magnesium	24-2	30932.51	30803.63	30129.85	30621.99	1.41	ppb
Manganese	55-2	5251.59	5222.83	5160.20	5211.54	0.90	ppb
Molybdenum	94-1	28.07	28.46	27.97	28.17	0.92	ppb
Molybdenum	95-1	1.39	1.38	1.38	1.39	0.52	ppb
Molybdenum	96-1	4.96	4.90	4.88	4.91	0.83	ppb
Molybdenum	97-1	1.34	1.35	1.35	1.34	0.20	ppb
Molybdenum	98-1	1.34	1.32	1.30	1.32	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	389.77	385.22	379.32	384.77	1.36	ppb
Phosphorus	31-2	1489.78	1481.96	1460.27	1477.33	1.03	ppb
Potassium	39-2	6750.42	6718.86	6771.20	6746.83	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	66.60	67.89	66.43	66.97	1.19	ppb
Selenium	77-2	85.98	80.25	87.11	84.45	4.36	ppb
Selenium	78-2	73.08	69.91	71.18	71.39	2.23	ppb
Silicon	28-1	1249.47	1265.72	1240.81	1252.00	1.01	ppb
Silver	107-1	24.56	24.89	25.50	24.98	1.92	ppb
Silver	109-1	24.18	24.69	25.20	24.69	2.05	ppb
Sodium	23-2	208.59	207.03	211.78	209.14	1.16	ppb
Strontium	86-1	82.55	83.91	82.20	82.89	1.09	ppb
Strontium	88-1	82.54	83.83	82.70	83.02	0.84	ppb
Sulfur	34-1	-1968.15	-1867.07	-1928.94	-1921.38		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	25.93	26.30	26.06	26.10	0.72	ppb
Thallium	205-1	25.69	26.16	25.94	25.93	0.91	ppb
Tin	118-1	3.00	3.06	3.06	3.04	1.20	ppb
Titanium	47-1	968.97	1015.85	996.59	993.80	2.37	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.70	ppb
Vanadium	51-2	539.97	542.91	527.33	536.74	1.54	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	486.43	485.12	488.61	486.72	0.36	ppb
Zirconium	90-1	16.14	16.35	16.08	16.19	0.88	ppb
Zirconium	91-1	16.24	16.57	16.41	16.41	1.03	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58342.31	57972.11	57957.37	58090.60	0.38	ppb
Antimony	121-1	295.64	293.30	293.34	294.09	0.46	ppb
Arsenic	75-2	247.58	244.34	243.64	245.19	0.86	ppb
Barium	135-1	7132.86	7009.43	6951.32	7031.20	1.32	ppb
Barium	137-1	7104.45	7117.52	6975.86	7065.94	1.11	ppb
Beryllium	9-1	169.25	167.35	168.97	168.52	0.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.97	134.43	134.03	133.47	0.99	ppb
Cadmium	106-1	132.63	134.40	130.83	132.62	1.35	ppb
Cadmium	111-1	144.78	146.53	143.07	144.79	1.19	ppb
Calcium	43-1	14942.08	14660.99	14540.75	14714.61	1.40	ppb
Calcium	44-1	13967.45	13954.99	13986.81	13969.75	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	785.21	781.95	791.91	786.36	0.65	ppb
Cobalt	59-2	1671.06	1657.01	1648.16	1658.75	0.70	ppb
Copper	63-2	953.28	962.59	949.10	954.99	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	136673.11	139822.39	137573.69	138023.07	1.18	ppb
Iron	57-2	134578.75	136730.43	134945.72	135418.30	0.85	ppb
Iron	54-2	136734.99	140592.16	140080.60	139135.92	1.51	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.54	90.54	90.04	90.37	0.32	ppb
Lead	207-1	89.23	88.34	89.68	89.09	0.77	ppb
Lead	208-1	95.20	95.36	96.07	95.54	0.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	30211.87	30030.82	29873.10	30038.60	0.56	ppb
Manganese	55-2	6310.40	6423.13	6354.56	6362.70	0.89	ppb
Molybdenum	94-1	26.71	27.28	27.25	27.08	1.19	ppb
Molybdenum	95-1	1.35	1.40	1.36	1.37	2.08	ppb
Molybdenum	96-1	4.74	4.80	4.72	4.75	0.96	ppb
Molybdenum	97-1	1.22	1.31	1.30	1.27	3.53	ppb
Molybdenum	98-1	1.30	1.28	1.31	1.30	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1764.77	1755.24	1746.62	1755.54	0.52	ppb
Phosphorus	31-2	1434.99	1443.87	1475.73	1451.53	1.48	ppb
Potassium	39-2	6577.71	6672.39	6640.94	6630.35	0.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	295.53	300.58	296.68	297.59	0.89	ppb
Selenium	77-2	332.47	323.08	325.91	327.15	1.47	ppb
Selenium	78-2	315.00	312.94	316.71	314.88	0.60	ppb
Silicon	28-1	1196.91	1194.97	1179.73	1190.54	0.79	ppb
Silver	107-1	121.96	124.38	123.25	123.20	0.98	ppb
Silver	109-1	138.45	122.96	124.40	128.60	6.66	ppb
Sodium	23-2	210.59	212.85	210.61	211.35	0.62	ppb
Strontium	86-1	79.49	81.12	79.08	79.90	1.35	ppb
Strontium	88-1	79.20	82.15	81.79	81.05	1.99	ppb
Sulfur	34-1	-1934.38	-2093.28	-2126.22	-2051.29		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	132.39	130.93	134.05	132.46	1.18	ppb
Thallium	205-1	150.17	146.20	150.61	148.99	1.63	ppb
Tin	118-1	2.85	2.83	2.91	2.86	1.41	ppb
Titanium	47-1	955.62	969.17	960.00	961.60	0.72	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.87	0.89	0.88	1.27	ppb
Vanadium	51-2	1838.20	1836.00	1862.52	1845.57	0.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1821.42	1830.51	1808.79	1820.24	0.60	ppb
Zirconium	90-1	15.53	15.57	15.62	15.57	0.30	ppb
Zirconium	91-1	15.95	16.13	15.83	15.97	0.96	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39911.67	39890.62	40134.20	39978.83	0.34	ppb
Antimony	121-1	1.25	1.32	1.28	1.28	2.70	ppb
Arsenic	75-2	157.01	154.93	154.48	155.47	0.87	ppb
Barium	135-1	734.41	759.22	745.95	746.53	1.66	ppb
Barium	137-1	734.78	765.76	731.49	744.01	2.54	ppb
Beryllium	9-1	2.00	2.15	2.18	2.11	4.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.76	2.78	2.75	2.76	0.55	ppb
Cadmium	106-1	3.73	3.85	3.52	3.70	4.49	ppb
Cadmium	111-1	1.40	1.52	1.52	1.48	4.86	ppb
Calcium	43-1	9261.13	9282.42	9250.69	9264.75	0.17	ppb
Calcium	44-1	8716.23	8644.79	8787.38	8716.13	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.32	128.23	129.12	129.22	0.81	ppb
Cobalt	59-2	74.95	73.16	74.00	74.04	1.21	ppb
Copper	63-2	220.97	217.93	220.26	219.72	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	154877.44	151117.69	154013.24	153336.12	1.28	ppb
Iron	57-2	148568.15	149645.13	150582.51	149598.60	0.67	ppb
Iron	54-2	154598.39	152208.10	155455.81	154087.43	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.78	66.45	68.83	67.35	1.91	ppb
Lead	207-1	67.20	67.17	67.68	67.35	0.43	ppb
Lead	208-1	66.68	66.66	68.18	67.17	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	20128.39	20072.27	20209.23	20136.63	0.34	ppb
Manganese	55-2	8007.94	7847.90	7942.50	7932.78	1.01	ppb
Molybdenum	94-1	29.06	28.76	28.92	28.91	0.52	ppb
Molybdenum	95-1	1.49	1.45	1.42	1.46	2.44	ppb
Molybdenum	96-1	5.14	5.11	5.10	5.12	0.44	ppb
Molybdenum	97-1	1.31	1.41	1.43	1.38	4.69	ppb
Molybdenum	98-1	1.34	1.34	1.35	1.34	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.89	116.78	117.33	117.00	0.25	ppb
Phosphorus	31-2	2029.45	1981.42	1996.56	2002.48	1.23	ppb
Potassium	39-2	6811.04	6805.38	6802.93	6806.45	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.21	1.11	1.24	1.19	6.08	ppb
Selenium	77-2	20.10	19.32	18.51	19.31	4.14	ppb
Selenium	78-2	3.35	3.60	2.83	3.26	12.12	ppb
Silicon	28-1	1394.41	1421.46	1409.64	1408.50	0.96	ppb
Silver	107-1	0.52	0.45	0.43	0.47	10.77	ppb
Silver	109-1	0.51	0.45	0.42	0.46	9.21	ppb
Sodium	23-2	177.07	176.86	183.50	179.14	2.11	ppb
Strontium	86-1	87.30	88.02	88.66	87.99	0.78	ppb
Strontium	88-1	89.95	91.02	90.44	90.47	0.60	ppb
Sulfur	34-1	-1763.34	-1816.28	-1856.47	-1812.03		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.37	0.37	0.36	5.13	ppb
Thallium	205-1	0.35	0.34	0.35	0.35	1.51	ppb
Tin	118-1	2.69	2.78	2.73	2.73	1.75	ppb
Titanium	47-1	956.04	955.40	965.26	958.90	0.58	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.97	0.97	0.97	0.80	ppb
Vanadium	51-2	274.16	270.19	271.27	271.87	0.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	413.53	406.84	413.37	411.25	0.93	ppb
Zirconium	90-1	16.56	16.51	16.70	16.59	0.61	ppb
Zirconium	91-1	16.62	16.68	17.03	16.78	1.31	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41021.68	41030.09	40355.67	40802.48	0.95	ppb
Antimony	121-1	1.30	1.32	1.26	1.30	2.23	ppb
Arsenic	75-2	126.59	129.90	126.86	127.78	1.44	ppb
Barium	135-1	1498.19	1478.26	1511.48	1495.98	1.12	ppb
Barium	137-1	1497.66	1483.82	1453.71	1478.40	1.52	ppb
Beryllium	9-1	2.46	2.56	2.60	2.54	2.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.36	2.75	2.97	3.02	10.11	ppb
Cadmium	106-1	4.83	3.78	2.74	3.79	27.67	ppb
Cadmium	111-1	1.59	1.51	1.41	1.50	5.89	ppb
Calcium	43-1	9512.50	9891.96	10217.77	9874.08	3.57	ppb
Calcium	44-1	9132.42	9183.55	9132.42	9149.46	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.28	126.10	125.77	125.72	0.33	ppb
Cobalt	59-2	69.78	69.36	68.74	69.29	0.75	ppb
Copper	63-2	243.41	247.19	243.15	244.58	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	140442.54	139681.26	140855.01	140326.27	0.42	ppb
Iron	57-2	136608.78	139868.09	137829.82	138102.23	1.19	ppb
Iron	54-2	140431.12	141619.15	141424.09	141158.12	0.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.88	69.30	69.44	68.54	2.11	ppb
Lead	207-1	64.61	69.87	71.92	68.80	5.48	ppb
Lead	208-1	65.55	68.61	69.87	68.01	3.26	ppb
Lithium	6-1				89		%
Magnesium	24-2	18669.27	18619.14	18343.20	18543.87	0.95	ppb
Manganese	55-2	12780.25	12834.29	12857.76	12824.10	0.31	ppb
Molybdenum	94-1	30.95	31.45	29.94	30.78	2.51	ppb
Molybdenum	95-1	1.43	1.47	1.44	1.45	1.37	ppb
Molybdenum	96-1	5.32	5.15	4.83	5.10	4.80	ppb
Molybdenum	97-1	1.32	1.35	1.25	1.31	3.88	ppb
Molybdenum	98-1	1.31	1.21	1.20	1.24	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.21	129.88	131.13	130.74	0.57	ppb
Phosphorus	31-2	1659.73	1645.58	1637.43	1647.58	0.68	ppb
Potassium	39-2	4991.46	5007.25	4996.98	4998.56	0.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.13	1.10	1.42	1.22	14.20	ppb
Selenium	77-2	17.92	22.85	21.95	20.91	12.56	ppb
Selenium	78-2	3.34	5.38	3.52	4.08	27.74	ppb
Silicon	28-1	1426.05	1341.36	1327.26	1364.89	3.91	ppb
Silver	107-1	0.43	0.41	0.41	0.42	2.80	ppb
Silver	109-1	0.40	0.42	0.38	0.40	4.92	ppb
Sodium	23-2	184.68	187.26	188.46	186.80	1.03	ppb
Strontium	86-1	122.48	123.06	115.69	120.41	3.40	ppb
Strontium	88-1	121.59	125.21	122.92	123.24	1.49	ppb
Sulfur	34-1	-1913.42	-1916.16	-2000.33	-1943.30		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.44	0.47	0.44	5.25	ppb
Thallium	205-1	0.43	0.44	0.46	0.44	3.08	ppb
Tin	118-1	2.92	2.57	2.52	2.67	8.18	ppb
Titanium	47-1	1123.93	1098.74	1105.59	1109.42	1.17	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.08	1.12	1.08	4.65	ppb
Vanadium	51-2	242.89	245.98	246.48	245.12	0.79	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	272.73	276.25	274.95	274.64	0.65	ppb
Zirconium	90-1	17.82	17.57	17.12	17.51	2.03	ppb
Zirconium	91-1	18.76	17.80	16.84	17.80	5.41	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49787.43	50214.78	50322.36	50108.19	0.56	ppb
Antimony	121-1	0.63	0.64	0.62	0.63	1.36	ppb
Arsenic	75-2	123.16	125.56	124.64	124.45	0.97	ppb
Barium	135-1	654.30	655.87	666.27	658.81	0.99	ppb
Barium	137-1	655.49	653.46	660.16	656.37	0.52	ppb
Beryllium	9-1	2.78	2.68	2.66	2.71	2.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.39	2.31	2.40	4.13	ppb
Cadmium	106-1	2.71	3.40	2.73	2.95	13.40	ppb
Cadmium	111-1	0.71	0.80	0.71	0.74	6.98	ppb
Calcium	43-1	11926.38	11703.47	12220.56	11950.14	2.17	ppb
Calcium	44-1	11062.21	10871.24	11107.98	11013.81	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.82	137.79	138.57	137.72	0.64	ppb
Cobalt	59-2	63.25	62.97	63.98	63.40	0.82	ppb
Copper	63-2	175.93	175.84	178.23	176.66	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	139087.74	139658.47	140846.48	139864.23	0.64	ppb
Iron	57-2	136642.36	137045.18	139639.09	137775.54	1.18	ppb
Iron	54-2	139597.99	137796.31	140139.41	139177.90	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.13	46.81	46.57	46.84	0.60	ppb
Lead	207-1	47.12	47.40	47.72	47.41	0.63	ppb
Lead	208-1	46.57	46.39	46.80	46.59	0.44	ppb
Lithium	6-1				88		%
Magnesium	24-2	19401.37	19377.11	19251.51	19343.33	0.42	ppb
Manganese	55-2	5675.90	5630.84	5781.72	5696.15	1.36	ppb
Molybdenum	94-1	34.28	33.66	32.68	33.54	2.41	ppb
Molybdenum	95-1	1.01	1.00	0.96	0.99	2.69	ppb
Molybdenum	96-1	5.18	4.98	4.90	5.02	2.89	ppb
Molybdenum	97-1	1.01	0.96	0.96	0.98	2.94	ppb
Molybdenum	98-1	0.92	0.90	0.90	0.91	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.48	130.35	133.30	132.04	1.15	ppb
Phosphorus	31-2	1600.00	1623.09	1631.11	1618.06	1.00	ppb
Potassium	39-2	4014.11	4013.79	4082.21	4036.70	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.79	1.42	1.36	1.52	14.98	ppb
Selenium	77-2	19.92	19.38	22.50	20.60	8.10	ppb
Selenium	78-2	4.08	5.04	3.08	4.07	24.15	ppb
Silicon	28-1	1394.50	1361.04	1402.94	1386.16	1.60	ppb
Silver	107-1	0.25	0.27	0.27	0.27	5.32	ppb
Silver	109-1	0.26	0.26	0.25	0.26	3.91	ppb
Sodium	23-2	213.63	215.60	220.29	216.51	1.58	ppb
Strontium	86-1	114.03	111.54	106.53	110.70	3.45	ppb
Strontium	88-1	113.37	114.33	110.43	112.71	1.80	ppb
Sulfur	34-1	-1832.73	-1998.08	-1992.34	-1941.05		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.39	0.36	0.37	5.91	ppb
Thallium	205-1	0.35	0.36	0.35	0.35	1.89	ppb
Tin	118-1	3.07	3.18	3.14	3.13	1.78	ppb
Titanium	47-1	1319.85	1295.70	1341.28	1318.94	1.73	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.22	1.21	1.47	ppb
Vanadium	51-2	255.18	257.64	256.56	256.46	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	215.88	216.16	217.01	216.35	0.27	ppb
Zirconium	90-1	19.67	19.36	18.88	19.30	2.05	ppb
Zirconium	91-1	19.77	19.31	18.72	19.27	2.73	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61038.06	53979.49	56325.54	57114.36	6.29	ppb
Antimony	121-1	2.40	2.46	2.46	2.44	1.35	ppb
Arsenic	75-2	135.99	122.67	122.55	127.07	6.08	ppb
Barium	135-1	675.54	678.69	686.86	680.36	0.86	ppb
Barium	137-1	675.20	686.78	676.62	679.53	0.93	ppb
Beryllium	9-1	2.64	2.56	2.97	2.72	8.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.17	2.59	2.45	9.93	ppb
Cadmium	106-1	3.05	2.66	4.01	3.24	21.35	ppb
Cadmium	111-1	0.41	0.41	0.50	0.44	11.92	ppb
Calcium	43-1	12616.83	12566.64	13339.07	12840.85	3.37	ppb
Calcium	44-1	12466.81	12477.52	12643.31	12529.22	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.37	130.66	135.59	137.87	6.23	ppb
Cobalt	59-2	69.17	60.95	64.08	64.73	6.41	ppb
Copper	63-2	149.50	132.00	138.03	139.85	6.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	150004.60	134495.97	139199.93	141233.50	5.63	ppb
Iron	57-2	147603.26	131898.45	135696.03	138399.25	5.92	ppb
Iron	54-2	151810.96	136509.36	140055.76	142792.03	5.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.60	31.75	31.94	31.76	0.53	ppb
Lead	207-1	30.84	30.84	30.35	30.68	0.91	ppb
Lead	208-1	31.39	31.50	31.03	31.31	0.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	21517.48	18988.05	19672.98	20059.50	6.52	ppb
Manganese	55-2	5811.16	5085.84	5264.32	5387.11	7.02	ppb
Molybdenum	94-1	37.45	37.80	37.70	37.65	0.48	ppb
Molybdenum	95-1	0.92	0.92	0.93	0.92	0.67	ppb
Molybdenum	96-1	5.65	5.67	5.80	5.70	1.40	ppb
Molybdenum	97-1	0.84	0.88	0.85	0.86	2.57	ppb
Molybdenum	98-1	0.84	0.87	0.86	0.86	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.64	136.97	139.55	143.06	5.87	ppb
Phosphorus	31-2	2004.08	1733.44	1834.37	1857.29	7.36	ppb
Potassium	39-2	3667.45	3201.98	3306.61	3392.01	7.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	1.57	1.47	1.52	1.52	3.48	ppb
Selenium	77-2	28.73	25.73	22.58	25.68	11.96	ppb
Selenium	78-2	5.88	4.31	5.37	5.19	15.39	ppb
Silicon	28-1	1374.35	1343.60	1439.33	1385.76	3.53	ppb
Silver	107-1	0.15	0.17	0.16	0.16	3.92	ppb
Silver	109-1	0.16	0.15	0.16	0.16	3.36	ppb
Sodium	23-2	290.11	253.24	263.13	268.83	7.10	ppb
Strontium	86-1	117.59	119.07	118.84	118.50	0.67	ppb
Strontium	88-1	118.71	119.99	120.08	119.59	0.64	ppb
Sulfur	34-1	-2252.77	-2318.60	-2133.26	-2234.88		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.30	0.28	0.30	0.29	2.83	ppb
Thallium	205-1	0.29	0.30	0.30	0.30	1.08	ppb
Tin	118-1	3.24	3.25	3.26	3.25	0.39	ppb
Titanium	47-1	1451.40	1432.36	1504.28	1462.68	2.55	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.13	1.14	1.14	1.05	ppb
Vanadium	51-2	274.54	250.28	257.02	260.61	4.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	207.23	183.51	194.49	195.08	6.09	ppb
Zirconium	90-1	22.26	22.51	22.03	22.27	1.07	ppb
Zirconium	91-1	22.82	23.36	23.50	23.22	1.54	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48712.84	49087.99	48597.64	48799.49	0.53	ppb
Antimony	121-1	487.66	489.86	489.92	489.15	0.26	ppb
Arsenic	75-2	482.21	482.38	487.09	483.89	0.57	ppb
Barium	135-1	2440.28	2502.76	2478.50	2473.85	1.27	ppb
Barium	137-1	2524.33	2557.71	2490.37	2524.14	1.33	ppb
Beryllium	9-1	514.49	535.09	513.28	520.95	2.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.94	517.16	514.08	511.06	1.57	ppb
Cadmium	106-1	505.22	523.23	501.18	509.87	2.30	ppb
Cadmium	111-1	509.68	502.59	492.66	501.64	1.70	ppb
Calcium	43-1	254594.20	249752.67	246325.69	250224.19	1.66	ppb
Calcium	44-1	251010.71	245237.37	245780.44	247342.84	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.15	505.53	492.95	500.88	1.38	ppb
Cobalt	59-2	523.83	524.96	532.08	526.96	0.85	ppb
Copper	63-2	5151.01	5149.74	5142.19	5147.65	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	127560.22	126641.45	126340.50	126847.39	0.50	ppb
Iron	57-2	125439.69	125224.34	123993.98	124886.00	0.62	ppb
Iron	54-2	128445.58	126829.60	127986.48	127753.89	0.65	ppb
Krypton	83-1						cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2566.80	2500.75	2588.34	2551.96	1.79	ppb
Lead	207-1	2512.61	2517.51	2596.41	2542.18	1.85	ppb
Lead	208-1	2530.56	2528.59	2591.90	2550.35	1.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	242120.91	243636.69	238915.02	241557.54	1.00	ppb
Manganese	55-2	4969.27	4976.84	4949.56	4965.22	0.28	ppb
Molybdenum	94-1	5078.45	5045.40	5119.99	5081.28	0.74	ppb
Molybdenum	95-1	5066.16	5088.26	5103.27	5085.90	0.37	ppb
Molybdenum	96-1	5135.90	5097.39	5086.50	5106.60	0.51	ppb
Molybdenum	97-1	5128.97	5068.94	5086.04	5094.65	0.61	ppb
Molybdenum	98-1	5180.48	5053.46	5062.22	5098.72	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.93	507.90	505.57	510.13	1.18	ppb
Phosphorus	31-2	10128.30	10135.67	9917.28	10060.42	1.23	ppb
Potassium	39-2	118789.41	120376.43	119268.96	119478.27	0.68	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	483.91	489.47	488.86	487.41	0.63	ppb
Selenium	77-2	453.66	475.82	467.69	465.72	2.41	ppb
Selenium	78-2	469.00	477.33	482.25	476.20	1.41	ppb
Silicon	28-1	393.38	394.09	402.31	396.59	1.25	ppb
Silver	107-1	508.22	524.94	502.20	511.78	2.30	ppb
Silver	109-1	502.96	505.28	500.51	502.92	0.47	ppb
Sodium	23-2	248690.53	249101.33	247755.37	248515.74	0.28	ppb
Strontium	86-1	12756.19	12449.26	12655.58	12620.34	1.24	ppb
Strontium	88-1	12640.47	12545.76	12534.95	12573.73	0.46	ppb
Sulfur	34-1	9748.21	9265.45	9233.24	9415.63	3.06	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	519.78	493.05	517.62	510.15	2.91	ppb
Thallium	205-1	515.93	497.41	516.21	509.85	2.11	ppb
Tin	118-1	503.58	502.95	496.66	501.06	0.76	ppb
Titanium	47-1	4976.22	4896.86	4978.01	4950.36	0.94	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	523.67	517.13	539.50	526.76	2.18	ppb
Vanadium	51-2	516.82	514.61	509.11	513.51	0.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	5159.16	5146.47	5065.99	5123.87	0.99	ppb
Zirconium	90-1	501.31	505.74	515.70	507.58	1.45	ppb
Zirconium	91-1	510.69	511.17	525.03	515.63	1.58	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	2.37	2.44	2.57	11.18	ppb
Antimony	121-1	0.32	0.33	0.37	0.34	8.53	ppb
Arsenic	75-2	0.03	0.06	0.03	0.04	47.11	ppb
Barium	135-1	0.13	0.10	0.07	0.10	28.84	ppb
Barium	137-1	0.12	0.08	0.07	0.09	31.53	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	18.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.04	0.06	0.05	15.49	ppb
Cadmium	106-1	-0.15	-0.17	-0.33	-0.22		ppb
Cadmium	111-1	0.02	0.02	0.00	0.01	116.58	ppb
Calcium	43-1	10.33	6.65	7.70	8.23	23.01	ppb
Calcium	44-1	0.78	-1.17	-2.62	-1.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.03	0.02	51.94	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	40.29	ppb
Copper	63-2	0.12	0.14	0.18	0.15	23.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	5.16	5.42	5.76	5.45	5.49	ppb
Iron	57-2	1.57	1.61	3.66	2.28	52.37	ppb
Iron	54-2	5.90	5.66	6.89	6.15	10.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.19	0.19	0.20	15.14	ppb
Lead	207-1	0.23	0.23	0.20	0.22	8.20	ppb
Lead	208-1	0.23	0.20	0.19	0.21	10.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	8.11	7.83	8.82	8.25	6.13	ppb
Manganese	55-2	0.10	0.12	0.12	0.11	10.44	ppb
Molybdenum	94-1	0.46	0.42	0.43	0.44	4.82	ppb
Molybdenum	95-1	0.36	0.30	0.26	0.31	16.92	ppb
Molybdenum	96-1	0.39	0.31	0.33	0.34	12.16	ppb
Molybdenum	97-1	0.38	0.30	0.29	0.32	16.12	ppb
Molybdenum	98-1	0.36	0.30	0.30	0.32	11.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	1161.02	ppb
Phosphorus	31-2	-16.21	-17.19	-20.97	-18.12		ppb
Potassium	39-2	0.18	1.18	-0.46	0.30	274.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.13	0.18	0.42	0.25	62.49	ppb
Selenium	77-2	-0.05	0.10	-0.05	0.00	18723.21	ppb
Selenium	78-2	0.70	-1.60	-0.57	-0.49		ppb
Silicon	28-1	0.48	0.36	0.41	0.42	15.00	ppb
Silver	107-1	0.08	0.06	0.06	0.07	15.13	ppb
Silver	109-1	0.08	0.07	0.05	0.07	24.65	ppb
Sodium	23-2	22.07	21.50	22.17	21.91	1.64	ppb
Strontium	86-1	0.57	0.43	0.43	0.48	17.65	ppb
Strontium	88-1	0.56	0.43	0.40	0.46	19.02	ppb
Sulfur	34-1	-691.33	-755.09	-721.04	-722.49		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.05	0.04	0.05	30.93	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.83	ppb
Tin	118-1	0.08	0.11	0.13	0.11	21.12	ppb
Titanium	47-1	0.33	0.28	0.26	0.29	13.01	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	11.52	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	26.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.32	0.26	0.13	0.24	41.95	ppb
Zirconium	90-1	0.09	0.10	0.11	0.10	7.72	ppb
Zirconium	91-1	0.10	0.10	0.11	0.10	3.20	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71512.52	71077.79	72528.31	71706.21	1.04	ppb
Antimony	121-1	0.94	0.95	0.99	0.96	2.89	ppb
Arsenic	75-2	175.96	177.22	175.80	176.33	0.44	ppb
Barium	135-1	193.87	194.38	196.02	194.76	0.58	ppb
Barium	137-1	191.79	195.46	196.99	194.75	1.37	ppb
Beryllium	9-1	1.27	1.39	1.41	1.36	5.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.94	1.74	1.77	8.49	ppb
Cadmium	106-1	1.79	2.15	1.11	1.69	31.35	ppb
Cadmium	111-1	1.18	1.24	1.06	1.16	8.03	ppb
Calcium	43-1	8495.97	8472.22	8549.92	8506.04	0.47	ppb
Calcium	44-1	8113.08	8246.42	8112.87	8157.46	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.87	170.19	173.96	170.34	2.08	ppb
Cobalt	59-2	83.22	82.07	83.16	82.81	0.78	ppb
Copper	63-2	274.81	277.31	273.58	275.23	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	185601.35	187071.94	188775.98	187149.76	0.85	ppb
Iron	57-2	181739.68	179287.95	180922.94	180650.19	0.69	ppb
Iron	54-2	186749.93	185359.17	185531.62	185880.24	0.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.02	43.78	43.21	43.34	0.92	ppb
Lead	207-1	42.67	43.24	43.37	43.09	0.87	ppb
Lead	208-1	42.71	43.30	42.92	42.97	0.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	49443.34	47640.61	49349.33	48811.09	2.08	ppb
Manganese	55-2	2812.72	2817.21	2787.94	2805.96	0.56	ppb
Molybdenum	94-1	8.11	8.10	8.44	8.22	2.39	ppb
Molybdenum	95-1	1.45	1.39	1.45	1.43	2.45	ppb
Molybdenum	96-1	3.13	3.23	3.29	3.22	2.47	ppb
Molybdenum	97-1	1.41	1.45	1.43	1.43	1.33	ppb
Molybdenum	98-1	1.33	1.39	1.39	1.37	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.61	119.25	118.91	118.92	0.27	ppb
Phosphorus	31-2	1827.06	1811.00	1777.60	1805.22	1.40	ppb
Potassium	39-2	5221.36	5154.74	5267.11	5214.40	1.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	1.41	1.82	1.53	1.59	13.18	ppb
Selenium	77-2	15.96	15.39	17.32	16.23	6.11	ppb
Selenium	78-2	2.86	2.67	3.63	3.05	16.74	ppb
Silicon	28-1	1233.36	1229.91	1231.28	1231.52	0.14	ppb
Silver	107-1	0.39	0.38	0.38	0.38	1.72	ppb
Silver	109-1	0.40	0.38	0.35	0.38	6.79	ppb
Sodium	23-2	144.53	142.79	144.23	143.85	0.65	ppb
Strontium	86-1	52.02	52.79	54.38	53.07	2.27	ppb
Strontium	88-1	54.41	54.72	55.08	54.74	0.62	ppb
Sulfur	34-1	-1705.12	-1855.68	-1909.41	-1823.40		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.17	0.17	0.17	1.58	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	2.89	ppb
Tin	118-1	3.52	3.50	3.58	3.53	1.30	ppb
Titanium	47-1	669.38	659.03	662.89	663.77	0.79	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.55	0.54	0.54	0.37	ppb
Vanadium	51-2	560.52	571.99	570.50	567.67	1.10	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	247.53	245.65	246.62	246.60	0.38	ppb
Zirconium	90-1	4.09	4.18	4.33	4.20	2.99	ppb
Zirconium	91-1	4.28	4.31	4.45	4.35	2.08	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13549.44	13261.64	13633.17	13481.42	1.45	ppb
Antimony	121-1	0.15	0.17	0.16	0.16	4.76	ppb
Arsenic	75-2	18.76	19.22	18.26	18.75	2.56	ppb
Barium	135-1	101.00	102.44	100.56	101.33	0.97	ppb
Barium	137-1	100.79	104.27	101.46	102.17	1.81	ppb
Beryllium	9-1	0.74	0.87	0.81	0.81	8.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.53	0.41	0.50	16.60	ppb
Cadmium	106-1	0.28	0.29	-1.21	-0.21		ppb
Cadmium	111-1	0.12	0.11	0.01	0.08	72.07	ppb
Calcium	43-1	3227.96	3218.98	3153.82	3200.25	1.26	ppb
Calcium	44-1	3049.58	3065.35	3029.96	3048.29	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.76	25.21	24.92	24.97	0.91	ppb
Cobalt	59-2	8.00	7.90	8.19	8.03	1.82	ppb
Copper	63-2	24.42	24.34	24.37	24.38	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	20857.59	20663.56	20588.26	20703.14	0.67	ppb
Iron	57-2	20536.30	19994.35	20104.46	20211.70	1.42	ppb
Iron	54-2	20544.93	21154.75	20348.38	20682.68	2.03	ppb
Krypton	83-1						cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.33	12.27	12.04	12.21	1.26	ppb
Lead	207-1	12.23	12.22	12.15	12.20	0.36	ppb
Lead	208-1	12.16	12.19	12.07	12.14	0.52	ppb
Lithium	6-1				103		%
Magnesium	24-2	4711.88	4666.75	4666.04	4681.55	0.56	ppb
Manganese	55-2	1047.60	1045.27	1024.98	1039.29	1.20	ppb
Molybdenum	94-1	8.65	8.50	8.42	8.53	1.38	ppb
Molybdenum	95-1	0.21	0.22	0.21	0.21	4.66	ppb
Molybdenum	96-1	1.18	1.20	1.16	1.18	1.55	ppb
Molybdenum	97-1	0.20	0.17	0.18	0.18	8.09	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.18	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.08	16.69	16.10	16.29	2.12	ppb
Phosphorus	31-2	138.41	150.28	150.89	146.52	4.80	ppb
Potassium	39-2	849.55	861.98	864.84	858.79	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.41	0.31	0.34	18.45	ppb
Selenium	77-2	2.60	3.41	3.43	3.15	15.08	ppb
Selenium	78-2	0.86	0.10	1.32	0.76	81.19	ppb
Silicon	28-1	433.40	421.15	425.65	426.73	1.45	ppb
Silver	107-1	0.05	0.06	0.06	0.06	7.83	ppb
Silver	109-1	0.06	0.05	0.06	0.06	7.26	ppb
Sodium	23-2	61.67	64.87	64.05	63.53	2.62	ppb
Strontium	86-1	16.35	16.32	16.17	16.28	0.57	ppb
Strontium	88-1	16.30	16.30	16.13	16.24	0.58	ppb
Sulfur	34-1	-1762.96	-1952.37	-2044.61	-1919.98		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.63	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	2.18	ppb
Tin	118-1	0.78	0.81	0.78	0.79	1.53	ppb
Titanium	47-1	189.87	185.20	183.98	186.35	1.67	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.15	0.15	3.77	ppb
Vanadium	51-2	38.88	38.42	40.31	39.21	2.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	33.59	33.57	35.40	34.18	3.07	ppb
Zirconium	90-1	5.03	4.96	5.01	5.00	0.79	ppb
Zirconium	91-1	4.95	4.98	5.07	5.00	1.32	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13320.22	13328.51	12974.57	13207.77	1.53	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	3.64	ppb
Arsenic	75-2	19.06	19.28	18.29	18.88	2.75	ppb
Barium	135-1	122.05	123.84	122.96	122.95	0.73	ppb
Barium	137-1	121.19	123.45	123.98	122.87	1.21	ppb
Beryllium	9-1	0.82	0.83	0.86	0.84	2.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.65	0.44	0.52	21.11	ppb
Cadmium	106-1	0.94	0.44	-0.42	0.32	216.92	ppb
Cadmium	111-1	0.16	0.11	0.06	0.11	46.30	ppb
Calcium	43-1	3192.51	3269.89	3286.13	3249.51	1.54	ppb
Calcium	44-1	3061.17	3041.19	3127.07	3076.48	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.75	25.79	25.15	25.57	1.41	ppb
Cobalt	59-2	8.19	8.17	8.22	8.19	0.27	ppb
Copper	63-2	24.57	25.03	24.32	24.64	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	20316.34	20767.76	20574.07	20552.72	1.10	ppb
Iron	57-2	20070.61	20730.58	20229.90	20343.70	1.69	ppb
Iron	54-2	20765.14	21004.27	20859.92	20876.44	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.46	12.47	12.71	12.55	1.10	ppb
Lead	207-1	12.35	12.62	12.68	12.55	1.38	ppb
Lead	208-1	12.40	12.40	12.61	12.47	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	4585.75	4742.93	4664.32	4664.33	1.68	ppb
Manganese	55-2	1193.68	1227.07	1210.59	1210.45	1.38	ppb
Molybdenum	94-1	8.25	8.20	8.47	8.31	1.74	ppb
Molybdenum	95-1	0.22	0.20	0.23	0.22	8.43	ppb
Molybdenum	96-1	1.19	1.16	1.19	1.18	1.62	ppb
Molybdenum	97-1	0.19	0.19	0.21	0.20	5.52	ppb
Molybdenum	98-1	0.20	0.20	0.21	0.20	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.31	16.57	16.41	16.43	0.77	ppb
Phosphorus	31-2	147.62	152.50	151.65	150.59	1.73	ppb
Potassium	39-2	872.89	877.96	861.18	870.68	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.69	0.44	0.47	43.15	ppb
Selenium	77-2	3.06	3.66	3.80	3.51	11.21	ppb
Selenium	78-2	0.31	-0.48	0.37	0.07	728.20	ppb
Silicon	28-1	421.94	431.71	426.79	426.81	1.14	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.47	ppb
Silver	109-1	0.06	0.05	0.06	0.05	7.34	ppb
Sodium	23-2	62.73	63.80	61.53	62.69	1.82	ppb
Strontium	86-1	17.30	16.91	17.16	17.12	1.14	ppb
Strontium	88-1	17.00	16.85	17.23	17.02	1.15	ppb
Sulfur	34-1	-2106.99	-2153.57	-2196.61	-2152.39		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.00	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	4.28	ppb
Tin	118-1	0.81	0.80	0.77	0.79	2.97	ppb
Titanium	47-1	182.15	185.00	186.08	184.41	1.10	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.15	0.15	2.05	ppb
Vanadium	51-2	38.86	38.93	37.94	38.58	1.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	36.76	36.35	34.80	35.97	2.86	ppb
Zirconium	90-1	4.96	4.86	4.96	4.93	1.21	ppb
Zirconium	91-1	5.00	4.96	5.01	4.99	0.53	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2733.92	2731.52	2748.88	2738.10	0.34	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	6.82	ppb
Arsenic	75-2	3.65	3.78	3.85	3.76	2.72	ppb
Barium	135-1	19.63	20.94	20.44	20.34	3.26	ppb
Barium	137-1	19.50	20.29	20.45	20.08	2.52	ppb
Beryllium	9-1	0.18	0.17	0.17	0.17	2.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.14	0.10	0.10	42.13	ppb
Cadmium	106-1	-1.17	-0.40	-0.53	-0.70		ppb
Cadmium	111-1	-0.06	0.00	-0.03	-0.03		ppb
Calcium	43-1	600.39	597.21	641.47	613.02	4.03	ppb
Calcium	44-1	630.26	592.76	637.77	620.26	3.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.99	5.03	4.99	5.01	0.46	ppb
Cobalt	59-2	1.56	1.59	1.61	1.59	1.66	ppb
Copper	63-2	4.55	4.61	4.56	4.57	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	4086.21	4169.28	4095.06	4116.85	1.11	ppb
Iron	57-2	4215.09	4232.37	4215.92	4221.13	0.23	ppb
Iron	54-2	4317.90	4346.23	4376.94	4347.03	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.30	2.45	2.51	2.42	4.60	ppb
Lead	207-1	2.33	2.34	2.45	2.37	2.76	ppb
Lead	208-1	2.30	2.36	2.51	2.39	4.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	946.27	959.03	941.95	949.08	0.94	ppb
Manganese	55-2	209.38	212.45	210.68	210.84	0.73	ppb
Molybdenum	94-1	1.57	1.66	1.81	1.68	7.32	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	23.80	ppb
Molybdenum	96-1	0.22	0.26	0.23	0.23	7.93	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.61	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	11.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.17	3.16	3.17	0.45	ppb
Phosphorus	31-2	18.50	10.81	14.73	14.68	26.20	ppb
Potassium	39-2	160.40	161.16	160.25	160.60	0.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.11	0.27	0.40	0.26	57.14	ppb
Selenium	77-2	0.52	0.54	0.68	0.58	15.02	ppb
Selenium	78-2	-0.49	-0.74	-1.03	-0.75		ppb
Silicon	28-1	87.57	82.12	84.02	84.57	3.27	ppb
Silver	107-1	0.02	0.02	0.01	0.01	17.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.78	ppb
Sodium	23-2	13.59	14.04	14.02	13.89	1.82	ppb
Strontium	86-1	2.87	3.19	3.30	3.12	7.09	ppb
Strontium	88-1	3.01	3.19	3.43	3.21	6.67	ppb
Sulfur	34-1	-2365.97	-2429.54	-2276.38	-2357.30		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.70	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	8.79	ppb
Tin	118-1	0.14	0.13	0.13	0.13	3.63	ppb
Titanium	47-1	35.44	34.93	36.96	35.78	2.95	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	3.80	ppb
Vanadium	51-2	7.64	7.74	7.96	7.78	2.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	6.58	6.78	6.91	6.76	2.43	ppb
Zirconium	90-1	0.93	1.04	1.04	1.00	5.91	ppb
Zirconium	91-1	0.91	1.03	1.05	1.00	7.83	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13498.48	13490.29	13052.91	13347.23	1.91	ppb
Antimony	121-1	13.67	14.06	13.99	13.91	1.48	ppb
Arsenic	75-2	25.10	24.96	23.76	24.61	3.01	ppb
Barium	135-1	366.61	370.11	372.67	369.80	0.82	ppb
Barium	137-1	394.61	404.50	393.38	397.50	1.53	ppb
Beryllium	9-1	7.37	8.14	7.88	7.80	5.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.03	7.24	6.40	6.89	6.31	ppb
Cadmium	106-1	6.54	6.01	5.46	6.00	9.01	ppb
Cadmium	111-1	7.18	7.20	7.16	7.18	0.27	ppb
Calcium	43-1	3155.87	3161.92	3088.04	3135.28	1.31	ppb
Calcium	44-1	3016.19	3030.36	2987.97	3011.51	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.94	52.61	54.91	53.49	2.33	ppb
Cobalt	59-2	78.74	78.55	80.10	79.13	1.07	ppb
Copper	63-2	58.06	58.27	57.81	58.05	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20642.34	20378.32	20570.73	20530.47	0.67	ppb
Iron	57-2	20098.94	20020.10	20025.47	20048.17	0.22	ppb
Iron	54-2	20883.98	20340.48	20980.28	20734.91	1.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.55	14.41	14.50	14.49	0.50	ppb
Lead	207-1	14.36	14.28	14.42	14.35	0.46	ppb
Lead	208-1	14.43	14.36	14.46	14.42	0.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	4486.54	4514.98	4526.59	4509.37	0.46	ppb
Manganese	55-2	1168.42	1161.27	1171.19	1166.96	0.44	ppb
Molybdenum	94-1	8.23	8.06	8.13	8.14	1.08	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.18	3.23	ppb
Molybdenum	96-1	1.14	1.12	1.13	1.13	1.13	ppb
Molybdenum	97-1	0.18	0.19	0.18	0.18	2.86	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.18	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.73	86.52	91.13	88.12	2.95	ppb
Phosphorus	31-2	143.18	136.56	146.49	142.08	3.56	ppb
Potassium	39-2	814.70	818.07	844.97	825.91	2.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	18.08	17.78	17.78	17.88	0.96	ppb
Selenium	77-2	25.93	21.77	21.53	23.07	10.72	ppb
Selenium	78-2	19.78	18.91	20.09	19.59	3.13	ppb
Silicon	28-1	419.98	418.45	406.88	415.10	1.73	ppb
Silver	107-1	6.09	6.24	6.32	6.22	1.80	ppb
Silver	109-1	6.14	6.21	6.23	6.19	0.80	ppb
Sodium	23-2	50.38	49.82	52.55	50.92	2.83	ppb
Strontium	86-1	16.33	16.03	16.00	16.12	1.14	ppb
Strontium	88-1	16.15	16.10	16.03	16.09	0.35	ppb
Sulfur	34-1	-2272.38	-2306.96	-2408.65	-2329.33		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	6.32	6.29	6.33	6.32	0.33	ppb
Thallium	205-1	6.27	6.37	6.29	6.31	0.83	ppb
Tin	118-1	0.73	0.77	0.76	0.75	2.41	ppb
Titanium	47-1	182.39	183.68	181.14	182.40	0.70	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	0.35	ppb
Vanadium	51-2	107.72	107.31	110.77	108.60	1.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	103.72	101.57	108.07	104.45	3.17	ppb
Zirconium	90-1	4.83	4.84	4.86	4.84	0.39	ppb
Zirconium	91-1	4.81	4.91	4.82	4.85	1.14	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14152.26	14283.21	14317.36	14250.94	0.61	ppb
Antimony	121-1	67.08	69.43	69.52	68.67	2.01	ppb
Arsenic	75-2	47.32	46.37	47.34	47.01	1.18	ppb
Barium	135-1	1443.11	1479.54	1492.37	1471.67	1.74	ppb
Barium	137-1	1457.45	1503.43	1503.77	1488.22	1.79	ppb
Beryllium	9-1	35.26	36.63	36.07	35.99	1.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.97	32.87	32.60	32.48	1.43	ppb
Cadmium	106-1	30.34	32.61	31.43	31.46	3.61	ppb
Cadmium	111-1	34.63	35.51	35.45	35.20	1.40	ppb
Calcium	43-1	2995.87	3127.40	3009.40	3044.22	2.38	ppb
Calcium	44-1	2821.53	3011.62	2940.95	2924.70	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.28	167.96	169.32	169.19	0.69	ppb
Cobalt	59-2	369.40	359.66	367.60	365.55	1.42	ppb
Copper	63-2	193.67	191.40	193.49	192.85	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20836.02	20276.85	20702.25	20605.04	1.42	ppb
Iron	57-2	20521.53	20177.75	20019.42	20239.57	1.27	ppb
Iron	54-2	21157.82	20982.33	20787.02	20975.72	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.98	25.03	24.63	24.55	2.16	ppb
Lead	207-1	23.67	24.39	23.99	24.02	1.50	ppb
Lead	208-1	23.97	24.67	24.51	24.38	1.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	4476.31	4453.55	4465.64	4465.16	0.25	ppb
Manganese	55-2	1421.16	1393.62	1406.12	1406.97	0.98	ppb
Molybdenum	94-1	8.10	8.22	8.30	8.21	1.27	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.20	2.53	ppb
Molybdenum	96-1	1.08	1.10	1.17	1.12	4.18	ppb
Molybdenum	97-1	0.18	0.19	0.18	0.18	4.41	ppb
Molybdenum	98-1	0.19	0.19	0.19	0.19	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	377.30	376.13	376.13	376.52	0.18	ppb
Phosphorus	31-2	142.62	136.79	134.85	138.09	2.93	ppb
Potassium	39-2	817.28	816.44	813.71	815.81	0.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	79.23	82.30	82.86	81.46	2.39	ppb
Selenium	77-2	87.36	82.77	80.10	83.41	4.40	ppb
Selenium	78-2	80.68	84.95	82.73	82.79	2.58	ppb
Silicon	28-1	401.85	411.30	410.97	408.04	1.31	ppb
Silver	107-1	30.04	30.86	31.25	30.72	2.01	ppb
Silver	109-1	29.85	30.87	31.30	30.67	2.42	ppb
Sodium	23-2	51.01	50.22	50.56	50.59	0.79	ppb
Strontium	86-1	15.70	16.02	16.54	16.09	2.63	ppb
Strontium	88-1	15.56	15.96	16.03	15.85	1.62	ppb
Sulfur	34-1	-2423.04	-2339.92	-2462.66	-2408.54		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	31.17	31.96	31.50	31.54	1.26	ppb
Thallium	205-1	31.08	31.99	31.67	31.58	1.45	ppb
Tin	118-1	0.70	0.74	0.72	0.72	2.99	ppb
Titanium	47-1	176.87	184.58	178.26	179.90	2.28	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.15	0.14	0.14	4.77	ppb
Vanadium	51-2	387.45	385.86	388.66	387.32	0.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	394.33	387.44	389.39	390.39	0.91	ppb
Zirconium	90-1	4.71	4.82	4.84	4.79	1.47	ppb
Zirconium	91-1	4.78	4.92	4.99	4.90	2.14	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14150.57	14313.55	14386.25	14283.46	0.84	ppb
Antimony	121-1	0.21	0.23	0.22	0.22	4.25	ppb
Arsenic	75-2	35.24	35.62	35.57	35.48	0.60	ppb
Barium	135-1	124.27	124.59	125.32	124.73	0.43	ppb
Barium	137-1	124.89	126.35	124.91	125.38	0.67	ppb
Beryllium	9-1	0.65	0.57	0.60	0.61	6.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.57	0.50	0.53	7.51	ppb
Cadmium	106-1	-1.11	-1.61	-2.30	-1.67		ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00		ppb
Calcium	43-1	3978.38	4059.13	4083.17	4040.23	1.36	ppb
Calcium	44-1	3896.22	3894.66	3862.78	3884.55	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.21	42.34	42.26	42.27	0.16	ppb
Cobalt	59-2	18.76	19.06	19.25	19.02	1.27	ppb
Copper	63-2	52.43	53.36	52.79	52.86	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	37288.24	37443.30	37029.19	37253.57	0.56	ppb
Iron	57-2	36182.23	36163.50	36139.63	36161.79	0.06	ppb
Iron	54-2	37489.97	37287.95	37776.89	37518.27	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.61	9.74	9.69	9.68	0.68	ppb
Lead	207-1	9.40	9.33	9.55	9.43	1.21	ppb
Lead	208-1	9.40	9.49	9.57	9.49	0.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	8178.31	8073.29	8261.63	8171.08	1.16	ppb
Manganese	55-2	1339.98	1330.86	1332.24	1334.36	0.37	ppb
Molybdenum	94-1	7.21	7.28	7.25	7.25	0.50	ppb
Molybdenum	95-1	0.36	0.36	0.37	0.36	1.98	ppb
Molybdenum	96-1	1.37	1.32	1.34	1.34	2.03	ppb
Molybdenum	97-1	0.34	0.35	0.35	0.35	1.50	ppb
Molybdenum	98-1	0.35	0.34	0.33	0.34	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.21	31.41	31.91	31.51	1.13	ppb
Phosphorus	31-2	407.43	395.69	403.18	402.10	1.48	ppb
Potassium	39-2	1775.25	1823.98	1817.60	1805.61	1.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.56	0.20	0.71	0.49	53.63	ppb
Selenium	77-2	4.40	5.48	4.03	4.64	16.26	ppb
Selenium	78-2	1.00	0.43	1.70	1.04	61.07	ppb
Silicon	28-1	326.41	334.94	331.62	330.99	1.30	ppb
Silver	107-1	0.06	0.05	0.05	0.05	9.93	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.52	ppb
Sodium	23-2	42.99	43.35	43.00	43.11	0.48	ppb
Strontium	86-1	21.73	21.85	21.84	21.81	0.32	ppb
Strontium	88-1	21.82	21.74	21.76	21.77	0.20	ppb
Sulfur	34-1	-1561.03	-1842.80	-1942.24	-1782.03		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.09	0.09	0.09	5.18	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	2.33	ppb
Tin	118-1	0.75	0.75	0.75	0.75	0.29	ppb
Titanium	47-1	263.87	269.12	270.78	267.92	1.35	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.22	3.31	ppb
Vanadium	51-2	74.00	74.13	73.77	73.97	0.24	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	60.73	61.30	62.53	61.52	1.49	ppb
Zirconium	90-1	4.15	4.19	4.20	4.18	0.52	ppb
Zirconium	91-1	4.26	4.20	4.30	4.25	1.19	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14503.50	14458.19	14423.20	14461.63	0.28	ppb
Antimony	121-1	0.22	0.22	0.23	0.22	1.75	ppb
Arsenic	75-2	35.18	35.78	35.39	35.45	0.86	ppb
Barium	135-1	125.32	125.25	125.02	125.20	0.12	ppb
Barium	137-1	126.13	125.64	127.20	126.32	0.63	ppb
Beryllium	9-1	0.54	0.51	0.60	0.55	7.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.44	0.47	0.54	0.48	11.05	ppb
Cadmium	106-1	0.06	-0.70	-0.26	-0.30		ppb
Cadmium	111-1	0.15	0.11	0.11	0.12	19.99	ppb
Calcium	43-1	4057.08	4024.68	3986.85	4022.87	0.87	ppb
Calcium	44-1	3840.56	3839.20	3799.23	3826.33	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.76	41.28	41.61	41.55	0.59	ppb
Cobalt	59-2	19.07	18.91	18.78	18.92	0.77	ppb
Copper	63-2	53.06	52.19	52.33	52.53	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	36969.91	37127.00	36628.07	36908.33	0.69	ppb
Iron	57-2	36067.32	36127.35	36026.91	36073.86	0.14	ppb
Iron	54-2	36906.89	36712.68	37081.09	36900.22	0.50	ppb
Krypton	83-1						cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.67	9.66	9.46	9.59	1.25	ppb
Lead	207-1	9.34	9.68	9.35	9.45	2.02	ppb
Lead	208-1	9.43	9.61	9.36	9.47	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	8201.21	7930.71	8103.34	8078.42	1.70	ppb
Manganese	55-2	1317.92	1329.22	1313.10	1320.08	0.63	ppb
Molybdenum	94-1	7.24	7.37	7.49	7.37	1.74	ppb
Molybdenum	95-1	0.35	0.35	0.36	0.35	2.09	ppb
Molybdenum	96-1	1.29	1.33	1.32	1.31	1.67	ppb
Molybdenum	97-1	0.35	0.36	0.36	0.36	2.51	ppb
Molybdenum	98-1	0.33	0.33	0.34	0.33	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.53	31.16	30.83	31.17	1.12	ppb
Phosphorus	31-2	394.20	399.00	377.98	390.39	2.82	ppb
Potassium	39-2	1840.28	1773.42	1782.55	1798.75	2.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.66	0.52	0.87	0.68	25.54	ppb
Selenium	77-2	4.08	4.39	3.83	4.10	6.76	ppb
Selenium	78-2	0.83	1.05	0.08	0.65	77.47	ppb
Silicon	28-1	342.52	329.38	338.07	336.66	1.99	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.25	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.69	ppb
Sodium	23-2	44.65	44.92	44.77	44.78	0.30	ppb
Strontium	86-1	21.76	21.67	22.00	21.81	0.80	ppb
Strontium	88-1	21.57	21.74	21.92	21.74	0.80	ppb
Sulfur	34-1	-1836.91	-1951.26	-2002.20	-1930.12		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.10	0.09	7.36	ppb
Thallium	205-1	0.08	0.08	0.09	0.09	2.14	ppb
Tin	118-1	0.73	0.74	0.76	0.75	2.04	ppb
Titanium	47-1	273.42	272.55	271.18	272.38	0.41	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.22	2.44	ppb
Vanadium	51-2	73.78	72.79	72.92	73.16	0.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	60.22	59.68	59.08	59.66	0.96	ppb
Zirconium	90-1	4.18	4.26	4.33	4.26	1.76	ppb
Zirconium	91-1	4.17	4.31	4.28	4.25	1.76	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2956.98	3002.55	2965.33	2974.95	0.82	ppb
Antimony	121-1	0.06	0.04	0.04	0.04	23.62	ppb
Arsenic	75-2	6.97	6.93	7.11	7.00	1.33	ppb
Barium	135-1	24.85	24.51	23.87	24.41	2.05	ppb
Barium	137-1	24.79	24.44	24.30	24.51	1.03	ppb
Beryllium	9-1	0.10	0.12	0.10	0.11	13.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.16	0.04	0.11	55.78	ppb
Cadmium	106-1	-0.88	-0.61	-1.21	-0.90		ppb
Cadmium	111-1	-0.04	-0.03	-0.06	-0.04		ppb
Calcium	43-1	779.02	819.92	869.43	822.79	5.50	ppb
Calcium	44-1	777.23	792.86	824.16	798.08	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.35	8.44	8.47	8.42	0.71	ppb
Cobalt	59-2	3.79	3.81	3.75	3.78	0.84	ppb
Copper	63-2	10.38	10.52	10.33	10.41	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	7439.76	7485.39	7369.44	7431.53	0.79	ppb
Iron	57-2	7584.89	7641.43	7579.14	7601.82	0.45	ppb
Iron	54-2	7359.85	7560.58	7432.35	7450.93	1.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.91	1.92	1.92	1.92	0.57	ppb
Lead	207-1	1.78	1.87	1.90	1.85	3.53	ppb
Lead	208-1	1.84	1.86	1.88	1.86	1.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	1672.30	1682.99	1678.05	1677.78	0.32	ppb
Manganese	55-2	266.56	271.11	269.56	269.08	0.86	ppb
Molybdenum	94-1	1.44	1.51	1.46	1.47	2.34	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	1.99	ppb
Molybdenum	96-1	0.26	0.27	0.27	0.27	3.28	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	2.28	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.15	6.40	6.36	6.30	2.12	ppb
Phosphorus	31-2	62.50	62.98	70.65	65.38	6.99	ppb
Potassium	39-2	369.99	375.52	372.44	372.65	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.33	0.32	0.49	0.38	24.82	ppb
Selenium	77-2	0.81	0.82	0.94	0.86	8.71	ppb
Selenium	78-2	-0.01	0.09	-1.26	-0.39		ppb
Silicon	28-1	66.37	66.81	68.71	67.29	1.85	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.93	ppb
Sodium	23-2	5.39	5.19	4.64	5.08	7.68	ppb
Strontium	86-1	4.33	4.54	4.48	4.45	2.43	ppb
Strontium	88-1	4.25	4.41	4.42	4.36	2.14	ppb
Sulfur	34-1	-1837.08	-1748.61	-1707.82	-1764.50		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.02	0.02	22.79	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	18.54	ppb
Tin	118-1	0.14	0.14	0.14	0.14	1.94	ppb
Titanium	47-1	52.22	54.62	56.11	54.31	3.61	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.05	0.04	8.30	ppb
Vanadium	51-2	14.64	14.79	14.76	14.73	0.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	13.17	13.37	12.80	13.11	2.21	ppb
Zirconium	90-1	0.83	0.85	0.83	0.84	1.29	ppb
Zirconium	91-1	0.81	0.86	0.87	0.84	4.08	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14662.77	14544.53	14651.87	14619.72	0.45	ppb
Antimony	121-1	14.26	14.81	14.39	14.49	2.01	ppb
Arsenic	75-2	41.22	40.96	41.85	41.34	1.11	ppb
Barium	135-1	390.78	400.21	394.33	395.10	1.20	ppb
Barium	137-1	411.15	419.25	423.35	417.92	1.49	ppb
Beryllium	9-1	7.98	8.20	8.18	8.12	1.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.10	6.80	7.87	7.26	7.60	ppb
Cadmium	106-1	5.84	7.02	7.21	6.69	11.13	ppb
Cadmium	111-1	7.38	7.54	7.40	7.44	1.18	ppb
Calcium	43-1	3949.84	4074.86	4021.22	4015.31	1.56	ppb
Calcium	44-1	3750.34	3875.50	3824.76	3816.87	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.05	71.53	71.75	71.78	0.36	ppb
Cobalt	59-2	92.03	93.09	92.30	92.47	0.60	ppb
Copper	63-2	87.41	88.44	87.67	87.84	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	37249.10	37594.60	37384.97	37409.55	0.47	ppb
Iron	57-2	35887.91	36616.61	36495.04	36333.19	1.07	ppb
Iron	54-2	37241.40	37972.38	37200.32	37471.37	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.24	12.33	12.39	12.32	0.63	ppb
Lead	207-1	12.01	12.13	12.17	12.10	0.66	ppb
Lead	208-1	12.06	12.14	12.22	12.14	0.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	8226.92	8074.47	8155.09	8152.16	0.94	ppb
Manganese	55-2	1410.11	1417.13	1395.42	1407.55	0.79	ppb
Molybdenum	94-1	7.37	7.47	7.30	7.38	1.17	ppb
Molybdenum	95-1	0.33	0.36	0.36	0.35	4.10	ppb
Molybdenum	96-1	1.32	1.29	1.31	1.31	1.08	ppb
Molybdenum	97-1	0.33	0.38	0.38	0.36	7.10	ppb
Molybdenum	98-1	0.33	0.32	0.33	0.33	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.09	106.41	104.95	105.48	0.76	ppb
Phosphorus	31-2	380.60	385.16	382.36	382.71	0.60	ppb
Potassium	39-2	1793.40	1791.54	1800.02	1794.99	0.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	18.54	18.84	17.44	18.27	4.02	ppb
Selenium	77-2	22.54	22.69	22.78	22.67	0.53	ppb
Selenium	78-2	18.30	18.31	18.91	18.51	1.89	ppb
Silicon	28-1	339.93	343.45	335.97	339.78	1.10	ppb
Silver	107-1	6.24	6.46	6.41	6.37	1.79	ppb
Silver	109-1	6.28	6.57	6.34	6.40	2.33	ppb
Sodium	23-2	44.68	45.36	44.92	44.99	0.77	ppb
Strontium	86-1	21.82	22.04	21.97	21.94	0.52	ppb
Strontium	88-1	21.72	21.96	21.85	21.84	0.54	ppb
Sulfur	34-1	-1886.53	-1890.29	-1993.82	-1923.55		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	6.53	6.55	6.63	6.57	0.80	ppb
Thallium	205-1	6.52	6.51	6.60	6.54	0.74	ppb
Tin	118-1	0.71	0.77	0.81	0.76	6.10	ppb
Titanium	47-1	266.07	271.90	269.62	269.20	1.09	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.23	1.70	ppb
Vanadium	51-2	145.35	147.82	147.67	146.94	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	134.09	134.34	133.12	133.85	0.48	ppb
Zirconium	90-1	4.18	4.30	4.22	4.23	1.43	ppb
Zirconium	91-1	4.35	4.33	4.20	4.30	1.88	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15517.14	15402.17	15918.74	15612.69	1.74	ppb
Antimony	121-1	71.48	73.73	72.26	72.49	1.58	ppb
Arsenic	75-2	64.28	63.38	64.59	64.08	0.99	ppb
Barium	135-1	1759.36	1775.45	1735.80	1756.87	1.14	ppb
Barium	137-1	1775.97	1819.76	1780.47	1792.07	1.34	ppb
Beryllium	9-1	41.58	44.62	43.68	43.29	3.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.43	35.95	34.74	35.04	2.28	ppb
Cadmium	106-1	32.08	36.27	33.24	33.86	6.40	ppb
Cadmium	111-1	37.03	37.79	36.75	37.19	1.44	ppb
Calcium	43-1	3845.41	3845.13	3840.72	3843.75	0.07	ppb
Calcium	44-1	3675.16	3736.82	3711.13	3707.70	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.25	209.89	213.74	211.29	1.01	ppb
Cobalt	59-2	450.73	449.06	448.91	449.57	0.22	ppb
Copper	63-2	261.22	258.18	264.54	261.31	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	37220.64	35872.68	36634.32	36575.88	1.85	ppb
Iron	57-2	36221.91	36413.36	36117.82	36251.03	0.41	ppb
Iron	54-2	37378.59	36139.92	37929.88	37149.46	2.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.32	22.89	22.69	22.63	1.28	ppb
Lead	207-1	22.10	22.18	22.00	22.09	0.40	ppb
Lead	208-1	22.16	22.43	22.26	22.28	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	7918.76	7782.19	8083.75	7928.23	1.90	ppb
Manganese	55-2	1692.56	1653.05	1704.72	1683.45	1.60	ppb
Molybdenum	94-1	7.11	7.30	7.49	7.30	2.56	ppb
Molybdenum	95-1	0.37	0.35	0.38	0.37	3.49	ppb
Molybdenum	96-1	1.23	1.28	1.31	1.27	3.11	ppb
Molybdenum	97-1	0.36	0.36	0.32	0.35	6.54	ppb
Molybdenum	98-1	0.32	0.36	0.34	0.34	5.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.04	462.74	468.82	460.87	1.96	ppb
Phosphorus	31-2	394.40	359.91	374.33	376.21	4.60	ppb
Potassium	39-2	1762.12	1694.25	1727.43	1727.93	1.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	79.69	82.32	83.74	81.92	2.51	ppb
Selenium	77-2	89.68	80.51	89.17	86.45	5.96	ppb
Selenium	78-2	85.98	79.85	83.17	83.00	3.70	ppb
Silicon	28-1	316.73	328.28	330.35	325.12	2.26	ppb
Silver	107-1	30.62	31.46	31.16	31.08	1.37	ppb
Silver	109-1	30.19	32.04	31.44	31.22	3.02	ppb
Sodium	23-2	44.97	44.38	46.12	45.16	1.97	ppb
Strontium	86-1	20.68	21.38	21.73	21.26	2.51	ppb
Strontium	88-1	20.95	21.18	21.61	21.25	1.59	ppb
Sulfur	34-1	-1957.88	-1989.23	-1983.01	-1976.71		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	32.86	32.90	33.10	32.95	0.39	ppb
Thallium	205-1	32.72	33.03	32.87	32.87	0.48	ppb
Tin	118-1	0.68	0.75	0.71	0.72	4.87	ppb
Titanium	47-1	251.39	260.97	260.18	257.51	2.07	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	1.70	ppb
Vanadium	51-2	480.41	481.41	498.80	486.87	2.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	486.60	474.73	484.09	481.81	1.30	ppb
Zirconium	90-1	4.07	4.13	4.12	4.11	0.75	ppb
Zirconium	91-1	4.18	4.23	4.30	4.24	1.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67503.30	67273.65	66641.02	67139.32	0.67	ppb
Antimony	121-1	0.60	0.63	0.62	0.62	2.36	ppb
Arsenic	75-2	133.86	133.16	136.81	134.61	1.44	ppb
Barium	135-1	362.93	364.93	356.52	361.46	1.21	ppb
Barium	137-1	386.21	392.23	376.94	385.13	2.00	ppb
Beryllium	9-1	1.19	1.21	1.16	1.19	2.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	0.89	1.19	1.04	14.24	ppb
Cadmium	106-1	1.49	1.39	0.73	1.20	34.42	ppb
Cadmium	111-1	0.52	0.56	0.45	0.51	10.77	ppb
Calcium	43-1	7725.08	7749.14	7770.97	7748.39	0.30	ppb
Calcium	44-1	7350.75	7362.28	7459.34	7390.79	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.41	125.51	124.27	125.06	0.55	ppb
Cobalt	59-2	91.16	90.90	88.92	90.33	1.36	ppb
Copper	63-2	312.54	307.56	311.23	310.44	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	162028.97	161103.76	162159.24	161763.99	0.36	ppb
Iron	57-2	161063.98	157097.53	158901.78	159021.09	1.25	ppb
Iron	54-2	161517.05	164198.56	160935.85	162217.15	1.07	ppb
Krypton	83-1						cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.84	15.17	14.96	14.99	1.14	ppb
Lead	207-1	14.34	14.85	14.60	14.60	1.77	ppb
Lead	208-1	14.47	14.83	14.66	14.65	1.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	44392.24	44678.55	43998.87	44356.55	0.77	ppb
Manganese	55-2	3044.94	3040.45	3051.92	3045.77	0.19	ppb
Molybdenum	94-1	7.05	7.47	7.27	7.26	2.90	ppb
Molybdenum	95-1	1.22	1.32	1.24	1.26	4.17	ppb
Molybdenum	96-1	2.80	2.81	2.80	2.80	0.15	ppb
Molybdenum	97-1	1.24	1.30	1.28	1.27	2.56	ppb
Molybdenum	98-1	1.21	1.22	1.24	1.23	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.28	118.26	117.88	118.14	0.19	ppb
Phosphorus	31-2	1679.48	1718.82	1670.39	1689.56	1.52	ppb
Potassium	39-2	9587.87	9659.57	9593.82	9613.75	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	1.04	0.62	0.81	0.82	25.57	ppb
Selenium	77-2	11.33	12.05	12.46	11.95	4.77	ppb
Selenium	78-2	1.91	1.32	1.91	1.71	20.09	ppb
Silicon	28-1	861.98	866.48	894.03	874.16	1.99	ppb
Silver	107-1	0.22	0.16	0.15	0.17	21.66	ppb
Silver	109-1	0.23	0.18	0.15	0.19	21.89	ppb
Sodium	23-2	156.83	159.83	160.86	159.17	1.31	ppb
Strontium	86-1	56.62	58.44	57.62	57.56	1.59	ppb
Strontium	88-1	58.59	57.88	58.73	58.40	0.78	ppb
Sulfur	34-1	-1760.42	-1781.28	-1730.30	-1757.33		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.17	0.18	0.19	0.18	5.14	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	4.30	ppb
Tin	118-1	2.58	2.71	2.69	2.66	2.63	ppb
Titanium	47-1	1260.01	1257.90	1276.75	1264.89	0.82	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.40	0.41	0.41	0.88	ppb
Vanadium	51-2	512.45	508.28	506.83	509.19	0.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	207.36	205.47	205.72	206.19	0.50	ppb
Zirconium	90-1	3.66	3.72	3.65	3.68	1.04	ppb
Zirconium	91-1	3.74	3.83	3.79	3.79	1.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58938.81	57991.52	59393.92	58774.75	1.22	ppb
Antimony	121-1	2.18	2.22	2.22	2.21	1.22	ppb
Arsenic	75-2	114.43	114.79	116.34	115.19	0.88	ppb
Barium	135-1	372.75	371.36	378.91	374.34	1.07	ppb
Barium	137-1	394.87	396.36	401.42	397.55	0.86	ppb
Beryllium	9-1	1.86	1.88	2.01	1.92	4.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.26	1.61	1.39	13.66	ppb
Cadmium	106-1	1.98	2.44	1.15	1.86	35.12	ppb
Cadmium	111-1	1.00	1.02	1.00	1.01	1.12	ppb
Calcium	43-1	23502.22	23249.36	24065.37	23605.65	1.77	ppb
Calcium	44-1	22368.81	22080.46	22271.19	22240.15	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.03	120.07	119.04	119.38	0.50	ppb
Cobalt	59-2	72.99	72.84	72.90	72.91	0.10	ppb
Copper	63-2	267.66	267.01	261.97	265.55	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	146823.83	145694.94	146457.51	146325.43	0.39	ppb
Iron	57-2	144294.40	144008.59	143935.21	144079.40	0.13	ppb
Iron	54-2	145168.37	147276.33	149505.34	147316.68	1.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.73	32.81	33.84	33.13	1.86	ppb
Lead	207-1	31.91	32.20	33.25	32.45	2.17	ppb
Lead	208-1	32.17	32.34	33.35	32.62	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	39922.05	40461.91	40213.80	40199.25	0.67	ppb
Manganese	55-2	2845.64	2845.91	2880.42	2857.32	0.70	ppb
Molybdenum	94-1	11.82	12.38	12.37	12.19	2.62	ppb
Molybdenum	95-1	1.18	1.22	1.23	1.21	2.03	ppb
Molybdenum	96-1	3.13	3.18	3.23	3.18	1.72	ppb
Molybdenum	97-1	1.23	1.21	1.16	1.20	2.77	ppb
Molybdenum	98-1	1.16	1.13	1.14	1.14	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.80	117.09	118.71	117.86	0.69	ppb
Phosphorus	31-2	4342.56	4290.32	4356.14	4329.67	0.80	ppb
Potassium	39-2	9505.68	9471.11	9548.74	9508.51	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.92	0.82	1.35	1.03	27.41	ppb
Selenium	77-2	9.81	11.65	11.03	10.83	8.64	ppb
Selenium	78-2	2.17	2.48	2.56	2.40	8.58	ppb
Silicon	28-1	897.91	883.79	906.81	896.17	1.30	ppb
Silver	107-1	0.16	0.17	0.16	0.16	1.04	ppb
Silver	109-1	0.16	0.16	0.17	0.16	2.84	ppb
Sodium	23-2	203.78	206.80	210.26	206.95	1.57	ppb
Strontium	86-1	159.43	161.96	161.57	160.99	0.85	ppb
Strontium	88-1	159.52	159.09	165.49	161.37	2.22	ppb
Sulfur	34-1	-970.51	-1055.11	-911.56	-979.06		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.20	0.20	0.20	4.46	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	1.69	ppb
Tin	118-1	3.20	3.27	3.34	3.27	2.12	ppb
Titanium	47-1	995.53	996.23	1003.88	998.55	0.46	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.46	0.49	0.48	3.59	ppb
Vanadium	51-2	423.89	420.38	416.86	420.38	0.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	310.68	308.02	311.28	309.99	0.56	ppb
Zirconium	90-1	6.45	6.78	6.76	6.66	2.75	ppb
Zirconium	91-1	6.79	6.79	6.98	6.86	1.57	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63186.59	63036.72	64377.08	63533.46	1.16	ppb
Antimony	121-1	1.17	1.23	1.23	1.21	2.70	ppb
Arsenic	75-2	161.57	160.30	158.98	160.28	0.81	ppb
Barium	135-1	598.53	611.24	596.85	602.21	1.31	ppb
Barium	137-1	610.44	617.30	602.19	609.98	1.24	ppb
Beryllium	9-1	2.00	2.09	2.04	2.04	2.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.29	2.07	2.13	6.47	ppb
Cadmium	106-1	2.04	2.65	2.45	2.38	13.03	ppb
Cadmium	111-1	1.31	1.37	1.41	1.36	3.47	ppb
Calcium	43-1	27088.09	25980.55	26677.20	26581.94	2.11	ppb
Calcium	44-1	26863.31	26551.78	26663.44	26692.84	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.86	135.16	137.23	136.08	0.77	ppb
Cobalt	59-2	85.09	84.56	85.26	84.97	0.43	ppb
Copper	63-2	319.26	320.58	319.91	319.92	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	170125.50	169618.64	170317.20	170020.45	0.21	ppb
Iron	57-2	163616.88	164634.38	166521.09	164924.12	0.89	ppb
Iron	54-2	168881.32	168054.55	171779.25	169571.71	1.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.48	45.21	45.55	45.41	0.40	ppb
Lead	207-1	44.21	44.48	44.14	44.28	0.41	ppb
Lead	208-1	44.49	44.48	44.48	44.48	0.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	42960.94	43016.09	43781.01	43252.68	1.06	ppb
Manganese	55-2	3252.43	3260.07	3279.52	3264.01	0.43	ppb
Molybdenum	94-1	15.88	16.13	15.97	15.99	0.79	ppb
Molybdenum	95-1	1.49	1.60	1.54	1.54	3.84	ppb
Molybdenum	96-1	3.95	4.02	4.01	3.99	1.00	ppb
Molybdenum	97-1	1.59	1.59	1.62	1.60	1.13	ppb
Molybdenum	98-1	1.52	1.53	1.55	1.53	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.19	125.10	126.12	125.47	0.45	ppb
Phosphorus	31-2	4277.99	4267.96	4278.74	4274.90	0.14	ppb
Potassium	39-2	10906.89	10775.15	10809.04	10830.36	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.14	1.09	1.49	1.24	17.30	ppb
Selenium	77-2	13.88	10.19	9.87	11.31	19.66	ppb
Selenium	78-2	2.86	2.60	3.26	2.91	11.40	ppb
Silicon	28-1	819.22	801.82	817.51	812.85	1.18	ppb
Silver	107-1	0.31	0.32	0.31	0.31	2.04	ppb
Silver	109-1	0.31	0.32	0.31	0.31	2.06	ppb
Sodium	23-2	233.68	233.27	237.90	234.95	1.09	ppb
Strontium	86-1	166.88	167.52	168.25	167.55	0.41	ppb
Strontium	88-1	167.74	170.41	169.85	169.33	0.83	ppb
Sulfur	34-1	-978.20	-1067.38	-1016.39	-1020.65		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.20	0.20	0.20	2.61	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	1.27	ppb
Tin	118-1	2.59	2.72	2.69	2.67	2.57	ppb
Titanium	47-1	1104.30	1100.03	1085.64	1096.66	0.89	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.60	0.61	0.60	2.03	ppb
Vanadium	51-2	476.97	476.51	478.22	477.23	0.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	369.30	363.82	367.63	366.92	0.77	ppb
Zirconium	90-1	8.72	8.92	8.90	8.84	1.26	ppb
Zirconium	91-1	8.78	8.92	8.92	8.87	0.91	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60703.24	61494.56	63154.04	61783.95	2.02	ppb
Antimony	121-1	1.10	1.14	1.09	1.11	2.10	ppb
Arsenic	75-2	139.09	142.20	144.37	141.89	1.87	ppb
Barium	135-1	378.97	382.72	386.86	382.85	1.03	ppb
Barium	137-1	399.48	408.08	415.83	407.80	2.01	ppb
Beryllium	9-1	1.79	1.82	1.74	1.78	2.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.80	1.84	1.77	5.13	ppb
Cadmium	106-1	2.51	1.72	2.37	2.20	19.23	ppb
Cadmium	111-1	1.20	1.18	1.29	1.22	4.48	ppb
Calcium	43-1	17242.22	17301.97	17365.09	17303.10	0.36	ppb
Calcium	44-1	16324.94	16279.09	16497.61	16367.21	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.25	131.95	134.47	131.89	1.98	ppb
Cobalt	59-2	82.27	83.42	85.30	83.66	1.83	ppb
Copper	63-2	290.58	294.81	296.50	293.96	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	186894.59	191700.42	190088.06	189561.03	1.29	ppb
Iron	57-2	182119.30	185487.99	188290.01	185299.10	1.67	ppb
Iron	54-2	190289.71	189208.87	192950.55	190816.38	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.32	36.36	36.64	36.11	1.92	ppb
Lead	207-1	34.85	35.13	35.94	35.31	1.60	ppb
Lead	208-1	34.90	35.57	36.04	35.50	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	41811.82	42895.69	43067.45	42591.66	1.60	ppb
Manganese	55-2	2969.46	3006.79	3008.24	2994.83	0.73	ppb
Molybdenum	94-1	11.09	11.45	11.30	11.28	1.61	ppb
Molybdenum	95-1	2.18	2.27	2.24	2.23	2.07	ppb
Molybdenum	96-1	4.18	4.41	4.35	4.32	2.71	ppb
Molybdenum	97-1	2.13	2.23	2.23	2.20	2.67	ppb
Molybdenum	98-1	2.14	2.20	2.18	2.17	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.87	122.95	124.60	122.14	2.42	ppb
Phosphorus	31-2	3288.78	3359.96	3416.05	3354.93	1.90	ppb
Potassium	39-2	9802.55	9992.69	10254.44	10016.56	2.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.29	1.28	1.66	1.41	15.40	ppb
Selenium	77-2	12.28	13.49	14.43	13.40	8.02	ppb
Selenium	78-2	1.03	3.16	1.76	1.98	54.41	ppb
Silicon	28-1	758.07	757.89	768.29	761.42	0.78	ppb
Silver	107-1	0.22	0.20	0.22	0.21	3.72	ppb
Silver	109-1	0.23	0.22	0.22	0.22	1.82	ppb
Sodium	23-2	238.28	248.55	251.55	246.13	2.83	ppb
Strontium	86-1	126.54	128.65	128.18	127.79	0.87	ppb
Strontium	88-1	126.41	129.10	129.76	128.42	1.38	ppb
Sulfur	34-1	-1100.38	-1041.10	-1098.54	-1080.01		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.18	0.18	0.18	2.67	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	4.30	ppb
Tin	118-1	2.99	2.68	2.59	2.75	7.57	ppb
Titanium	47-1	1121.97	1126.52	1115.26	1121.25	0.51	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.51	0.50	2.52	ppb
Vanadium	51-2	564.66	572.41	576.41	571.16	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	378.46	386.93	393.06	386.15	1.90	ppb
Zirconium	90-1	5.51	5.65	5.63	5.60	1.30	ppb
Zirconium	91-1	5.53	5.72	5.77	5.67	2.28	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44821.40	46530.47	45288.97	45546.95	1.94	ppb
Antimony	121-1	1.12	1.11	1.10	1.11	0.83	ppb
Arsenic	75-2	114.71	112.16	112.53	113.14	1.21	ppb
Barium	135-1	373.78	374.96	375.41	374.72	0.22	ppb
Barium	137-1	397.55	403.79	401.82	401.05	0.80	ppb
Beryllium	9-1	1.50	1.58	1.56	1.55	2.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.18	1.21	1.30	13.62	ppb
Cadmium	106-1	1.82	1.40	1.19	1.47	22.04	ppb
Cadmium	111-1	0.87	0.85	0.87	0.87	1.08	ppb
Calcium	43-1	30058.38	31391.67	31068.64	30839.56	2.26	ppb
Calcium	44-1	30412.61	31078.37	30839.96	30776.98	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.94	97.34	97.23	97.17	0.22	ppb
Cobalt	59-2	61.45	61.75	62.37	61.85	0.76	ppb
Copper	63-2	244.60	249.69	247.42	247.24	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	129080.68	128744.19	128598.37	128807.75	0.19	ppb
Iron	57-2	124147.08	125468.53	126021.96	125212.52	0.77	ppb
Iron	54-2	131019.46	130687.56	130760.88	130822.64	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.85	27.17	27.82	27.28	1.83	ppb
Lead	207-1	25.87	26.29	26.63	26.27	1.45	ppb
Lead	208-1	26.17	26.64	27.06	26.62	1.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	30725.38	31337.97	30896.31	30986.55	1.02	ppb
Manganese	55-2	2285.60	2306.42	2282.92	2291.65	0.56	ppb
Molybdenum	94-1	8.90	9.06	9.10	9.02	1.17	ppb
Molybdenum	95-1	1.20	1.22	1.22	1.21	0.89	ppb
Molybdenum	96-1	2.82	2.73	2.81	2.79	1.78	ppb
Molybdenum	97-1	1.16	1.27	1.18	1.20	5.04	ppb
Molybdenum	98-1	1.19	1.20	1.17	1.19	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.64	93.10	93.23	92.99	0.33	ppb
Phosphorus	31-2	3352.21	3329.86	3381.31	3354.46	0.77	ppb
Potassium	39-2	8203.04	8289.76	8292.56	8261.79	0.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.97	1.24	1.42	1.21	18.79	ppb
Selenium	77-2	11.95	9.85	10.71	10.84	9.73	ppb
Selenium	78-2	3.40	1.74	2.48	2.54	32.88	ppb
Silicon	28-1	595.47	613.62	607.49	605.53	1.52	ppb
Silver	107-1	0.15	0.14	0.15	0.15	4.23	ppb
Silver	109-1	0.15	0.15	0.14	0.15	1.37	ppb
Sodium	23-2	175.49	179.06	181.26	178.60	1.63	ppb
Strontium	86-1	122.22	123.35	123.57	123.05	0.59	ppb
Strontium	88-1	124.12	125.79	125.98	125.30	0.82	ppb
Sulfur	34-1	-945.14	-954.29	-874.58	-924.67		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.15	0.15	0.15	1.62	ppb
Thallium	205-1	0.16	0.15	0.15	0.15	2.00	ppb
Tin	118-1	2.07	2.10	2.11	2.09	1.11	ppb
Titanium	47-1	857.23	878.62	865.17	867.01	1.25	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.45	0.44	0.44	1.27	ppb
Vanadium	51-2	353.40	368.34	362.96	361.57	2.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	329.89	332.99	330.57	331.15	0.49	ppb
Zirconium	90-1	4.76	4.76	4.86	4.79	1.24	ppb
Zirconium	91-1	4.85	4.83	4.87	4.85	0.38	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62796.62	63503.61	62437.75	62912.66	0.86	ppb
Antimony	121-1	0.84	0.80	0.87	0.84	3.73	ppb
Arsenic	75-2	179.44	178.44	177.75	178.55	0.48	ppb
Barium	135-1	518.10	516.73	513.81	516.21	0.42	ppb
Barium	137-1	518.38	519.40	514.16	517.32	0.54	ppb
Beryllium	9-1	1.89	2.07	2.05	2.01	4.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.72	1.96	1.89	7.73	ppb
Cadmium	106-1	1.00	1.14	2.13	1.43	43.32	ppb
Cadmium	111-1	0.92	0.89	1.07	0.96	9.93	ppb
Calcium	43-1	16043.97	16067.85	16493.94	16201.92	1.56	ppb
Calcium	44-1	15307.78	15023.76	15144.68	15158.74	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.20	132.04	131.22	131.49	0.37	ppb
Cobalt	59-2	82.64	83.85	83.37	83.29	0.73	ppb
Copper	63-2	240.04	241.92	236.67	239.54	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	153058.41	156104.38	155400.57	154854.45	1.03	ppb
Iron	57-2	151319.32	152373.03	152005.57	151899.31	0.35	ppb
Iron	54-2	155260.76	156569.69	158042.12	156624.19	0.89	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.54	29.90	29.54	29.66	0.70	ppb
Lead	207-1	28.63	29.30	28.71	28.88	1.27	ppb
Lead	208-1	29.01	29.45	28.75	29.07	1.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	41279.00	41586.78	41560.10	41475.29	0.41	ppb
Manganese	55-2	2985.60	3006.52	3017.61	3003.24	0.54	ppb
Molybdenum	94-1	13.15	13.43	13.17	13.25	1.16	ppb
Molybdenum	95-1	1.28	1.31	1.30	1.30	1.32	ppb
Molybdenum	96-1	3.25	3.38	3.35	3.33	1.99	ppb
Molybdenum	97-1	1.24	1.34	1.31	1.30	3.93	ppb
Molybdenum	98-1	1.20	1.26	1.22	1.23	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.61	117.94	117.72	117.76	0.14	ppb
Phosphorus	31-2	3227.33	3224.89	3276.55	3242.92	0.90	ppb
Potassium	39-2	9817.87	9753.66	9853.75	9808.43	0.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.95	1.14	1.03	1.04	9.18	ppb
Selenium	77-2	16.50	15.26	16.03	15.93	3.94	ppb
Selenium	78-2	3.54	2.49	3.51	3.18	18.81	ppb
Silicon	28-1	616.74	603.18	641.27	620.40	3.11	ppb
Silver	107-1	0.13	0.13	0.14	0.13	4.73	ppb
Silver	109-1	0.13	0.13	0.15	0.14	7.90	ppb
Sodium	23-2	273.49	276.85	275.23	275.19	0.61	ppb
Strontium	86-1	101.59	106.39	105.83	104.60	2.51	ppb
Strontium	88-1	105.18	110.06	107.56	107.60	2.26	ppb
Sulfur	34-1	-1676.08	-1718.20	-1601.03	-1665.10		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.30	0.31	0.31	4.39	ppb
Thallium	205-1	0.30	0.30	0.29	0.30	1.76	ppb
Tin	118-1	2.61	2.65	2.78	2.68	3.28	ppb
Titanium	47-1	1614.55	1554.65	1658.36	1609.19	3.24	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.57	0.54	0.56	3.22	ppb
Vanadium	51-2	417.22	423.92	415.22	418.79	1.09	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	284.40	288.20	286.02	286.21	0.67	ppb
Zirconium	90-1	7.06	7.31	7.13	7.17	1.83	ppb
Zirconium	91-1	6.96	7.27	7.36	7.19	2.89	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46370.58	46520.55	45769.19	46220.11	0.86	ppb
Antimony	121-1	1.03	1.07	1.09	1.07	3.02	ppb
Arsenic	75-2	144.91	138.57	138.22	140.57	2.68	ppb
Barium	135-1	492.40	503.18	510.96	502.18	1.86	ppb
Barium	137-1	491.04	500.63	507.32	499.66	1.64	ppb
Beryllium	9-1	1.53	1.50	1.48	1.50	1.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.21	2.06	2.14	3.36	ppb
Cadmium	106-1	3.11	2.43	3.17	2.90	14.14	ppb
Cadmium	111-1	1.38	1.35	1.33	1.35	1.92	ppb
Calcium	43-1	11383.61	11318.11	11280.88	11327.53	0.46	ppb
Calcium	44-1	10656.31	10660.51	10788.92	10701.91	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.73	108.45	107.38	107.85	0.50	ppb
Cobalt	59-2	63.99	63.80	64.10	63.97	0.23	ppb
Copper	63-2	259.24	256.00	257.29	257.51	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	124135.50	125682.29	123281.51	124366.43	0.98	ppb
Iron	57-2	121373.60	123914.57	122315.60	122534.59	1.05	ppb
Iron	54-2	126198.91	124451.51	123440.93	124697.12	1.12	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.20	48.96	48.50	48.89	0.73	ppb
Lead	207-1	47.74	48.50	47.05	47.77	1.52	ppb
Lead	208-1	47.92	48.33	47.80	48.02	0.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	28299.13	28913.26	28481.73	28564.71	1.10	ppb
Manganese	55-2	2449.11	2471.97	2411.82	2444.30	1.24	ppb
Molybdenum	94-1	21.42	21.09	21.11	21.21	0.87	ppb
Molybdenum	95-1	0.93	0.94	0.94	0.93	0.91	ppb
Molybdenum	96-1	3.67	3.70	3.86	3.74	2.74	ppb
Molybdenum	97-1	0.91	0.93	0.97	0.94	3.11	ppb
Molybdenum	98-1	0.89	0.88	0.90	0.89	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.32	109.04	109.62	108.99	0.59	ppb
Phosphorus	31-2	2321.85	2348.32	2324.47	2331.54	0.63	ppb
Potassium	39-2	8269.53	8364.33	8277.02	8303.62	0.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.39	0.93	1.33	1.21	20.67	ppb
Selenium	77-2	13.56	11.68	12.89	12.71	7.48	ppb
Selenium	78-2	1.32	1.73	3.99	2.35	61.40	ppb
Silicon	28-1	793.42	772.39	801.53	789.11	1.91	ppb
Silver	107-1	0.32	0.32	0.35	0.33	4.89	ppb
Silver	109-1	0.30	0.33	0.32	0.31	3.97	ppb
Sodium	23-2	122.98	124.78	124.97	124.24	0.88	ppb
Strontium	86-1	54.99	54.85	55.68	55.17	0.81	ppb
Strontium	88-1	55.73	56.14	56.20	56.02	0.46	ppb
Sulfur	34-1	-1621.81	-1736.45	-1643.04	-1667.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.25	0.24	0.25	2.80	ppb
Thallium	205-1	0.23	0.25	0.25	0.24	3.64	ppb
Tin	118-1	1.96	1.93	2.05	1.98	3.13	ppb
Titanium	47-1	1052.81	1050.21	1098.44	1067.15	2.54	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.60	0.59	0.59	0.94	ppb
Vanadium	51-2	321.68	328.21	331.38	327.09	1.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	226.20	222.95	224.60	224.59	0.73	ppb
Zirconium	90-1	12.06	12.22	12.48	12.25	1.73	ppb
Zirconium	91-1	12.28	12.22	12.50	12.33	1.19	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46100.95	46285.12	46875.11	46420.39	0.87	ppb
Antimony	121-1	1.05	1.07	1.04	1.06	1.56	ppb
Arsenic	75-2	141.68	141.56	143.72	142.32	0.86	ppb
Barium	135-1	497.80	507.99	487.83	497.87	2.02	ppb
Barium	137-1	496.41	506.35	496.50	499.76	1.14	ppb
Beryllium	9-1	1.32	1.60	1.55	1.49	9.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.23	1.99	2.14	5.98	ppb
Cadmium	106-1	2.25	2.98	2.31	2.52	16.06	ppb
Cadmium	111-1	1.29	1.33	1.26	1.29	2.88	ppb
Calcium	43-1	11144.83	11519.13	11448.75	11370.90	1.75	ppb
Calcium	44-1	10712.06	10744.68	10701.58	10719.44	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.95	106.35	107.31	107.54	1.22	ppb
Cobalt	59-2	64.13	64.01	64.36	64.16	0.28	ppb
Copper	63-2	261.14	258.38	259.48	259.67	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	124992.48	124315.83	125737.41	125015.24	0.57	ppb
Iron	57-2	122212.11	121248.16	124111.64	122523.97	1.19	ppb
Iron	54-2	123566.05	124870.46	126074.92	124837.14	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.73	48.74	48.49	48.32	1.08	ppb
Lead	207-1	46.85	47.68	48.52	47.68	1.76	ppb
Lead	208-1	47.39	47.59	48.32	47.77	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	28562.64	28032.61	29091.67	28562.31	1.85	ppb
Manganese	55-2	2391.08	2391.77	2471.12	2417.99	1.90	ppb
Molybdenum	94-1	20.69	21.17	21.05	20.97	1.18	ppb
Molybdenum	95-1	0.90	0.89	0.91	0.90	1.58	ppb
Molybdenum	96-1	3.66	3.77	3.63	3.69	2.11	ppb
Molybdenum	97-1	0.92	0.89	0.88	0.90	2.26	ppb
Molybdenum	98-1	0.88	0.87	0.88	0.88	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.20	108.19	109.94	108.78	0.93	ppb
Phosphorus	31-2	2348.68	2342.00	2314.15	2334.94	0.78	ppb
Potassium	39-2	8319.99	8183.00	8347.89	8283.63	1.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.92	1.15	1.30	1.12	17.03	ppb
Selenium	77-2	11.36	12.69	12.94	12.33	6.88	ppb
Selenium	78-2	3.41	1.14	2.11	2.22	51.16	ppb
Silicon	28-1	798.80	798.77	775.66	791.08	1.69	ppb
Silver	107-1	0.32	0.31	0.32	0.32	1.95	ppb
Silver	109-1	0.33	0.32	0.31	0.32	2.63	ppb
Sodium	23-2	121.46	123.97	123.64	123.02	1.11	ppb
Strontium	86-1	53.93	54.50	54.47	54.30	0.59	ppb
Strontium	88-1	56.53	55.92	56.08	56.17	0.56	ppb
Sulfur	34-1	-1682.58	-1579.68	-1621.85	-1628.04		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.23	0.25	0.24	5.56	ppb
Thallium	205-1	0.25	0.23	0.25	0.24	3.52	ppb
Tin	118-1	1.98	2.00	1.98	1.99	0.61	ppb
Titanium	47-1	1068.98	1056.21	1069.06	1064.75	0.69	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.59	0.60	1.11	ppb
Vanadium	51-2	330.99	329.58	331.41	330.66	0.29	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	223.96	223.65	223.94	223.85	0.08	ppb
Zirconium	90-1	12.10	12.02	12.30	12.14	1.18	ppb
Zirconium	91-1	12.07	12.15	12.17	12.13	0.43	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9445.25	9388.31	9368.50	9400.69	0.42	ppb
Antimony	121-1	0.19	0.21	0.19	0.20	6.04	ppb
Arsenic	75-2	28.56	28.56	29.07	28.73	1.02	ppb
Barium	135-1	91.30	90.69	90.53	90.84	0.45	ppb
Barium	137-1	90.89	91.22	90.92	91.01	0.20	ppb
Beryllium	9-1	0.27	0.28	0.27	0.27	1.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.45	0.55	0.46	17.36	ppb
Cadmium	106-1	-0.10	0.36	0.36	0.21	127.29	ppb
Cadmium	111-1	0.20	0.23	0.24	0.22	9.80	ppb
Calcium	43-1	2241.67	2299.63	2305.10	2282.13	1.54	ppb
Calcium	44-1	2135.13	2225.24	2167.07	2175.81	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.03	22.10	21.97	22.04	0.31	ppb
Cobalt	59-2	13.06	13.21	12.97	13.08	0.95	ppb
Copper	63-2	51.78	51.77	51.13	51.56	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	25447.14	25507.39	25167.70	25374.08	0.71	ppb
Iron	57-2	24745.96	24904.86	24678.30	24776.37	0.47	ppb
Iron	54-2	25643.31	25856.07	25747.48	25748.96	0.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.39	9.34	9.44	9.39	0.55	ppb
Lead	207-1	9.12	9.19	9.24	9.18	0.65	ppb
Lead	208-1	9.07	9.23	9.29	9.19	1.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	5881.57	5687.50	5718.39	5762.49	1.81	ppb
Manganese	55-2	507.56	511.22	505.76	508.18	0.55	ppb
Molybdenum	94-1	4.12	4.14	4.05	4.11	1.17	ppb
Molybdenum	95-1	0.18	0.17	0.16	0.17	5.75	ppb
Molybdenum	96-1	0.76	0.71	0.73	0.73	3.27	ppb
Molybdenum	97-1	0.20	0.20	0.16	0.19	10.90	ppb
Molybdenum	98-1	0.17	0.18	0.17	0.18	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.41	22.76	22.35	22.50	0.98	ppb
Phosphorus	31-2	466.60	463.80	449.64	460.01	1.98	ppb
Potassium	39-2	1689.04	1657.85	1642.15	1663.01	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.44	0.44	0.36	0.42	10.67	ppb
Selenium	77-2	3.41	2.43	4.34	3.39	28.05	ppb
Selenium	78-2	-0.25	0.71	-0.61	-0.05		ppb
Silicon	28-1	163.78	168.41	167.08	166.42	1.43	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.81	ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.98	ppb
Sodium	23-2	26.21	24.66	25.29	25.39	3.06	ppb
Strontium	86-1	10.84	10.77	10.98	10.86	1.00	ppb
Strontium	88-1	10.98	10.87	10.96	10.94	0.56	ppb
Sulfur	34-1	-1690.44	-1669.21	-1658.53	-1672.73		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.05	0.05	12.45	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.11	ppb
Tin	118-1	0.35	0.40	0.37	0.37	6.81	ppb
Titanium	47-1	217.00	219.53	222.85	219.80	1.33	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.11	0.11	1.77	ppb
Vanadium	51-2	67.11	66.50	65.90	66.50	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	46.48	46.96	46.88	46.77	0.55	ppb
Zirconium	90-1	2.43	2.38	2.39	2.40	1.04	ppb
Zirconium	91-1	2.45	2.46	2.41	2.44	0.99	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47220.39	46786.62	47366.55	47124.52	0.64	ppb
Antimony	121-1	54.45	55.47	55.69	55.20	1.21	ppb
Arsenic	75-2	162.84	164.00	163.38	163.41	0.36	ppb
Barium	135-1	1588.47	1632.51	1594.74	1605.24	1.48	ppb
Barium	137-1	1591.96	1635.44	1631.94	1619.78	1.49	ppb
Beryllium	9-1	29.04	29.99	29.29	29.44	1.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.60	29.16	27.84	28.20	2.98	ppb
Cadmium	106-1	28.71	27.53	27.47	27.90	2.50	ppb
Cadmium	111-1	28.78	29.53	29.39	29.23	1.36	ppb
Calcium	43-1	11039.68	11077.05	11078.13	11064.95	0.20	ppb
Calcium	44-1	10550.54	10611.75	10749.20	10637.16	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	220.61	216.98	212.62	216.74	1.85	ppb
Cobalt	59-2	336.88	338.19	336.32	337.13	0.28	ppb
Copper	63-2	392.48	378.51	386.17	385.72	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	125787.94	122329.36	125380.06	124499.12	1.52	ppb
Iron	57-2	121172.09	120808.79	122021.35	121334.08	0.51	ppb
Iron	54-2	125519.97	124948.79	125930.26	125466.34	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.36	57.98	57.77	57.70	0.55	ppb
Lead	207-1	55.98	56.55	56.51	56.34	0.56	ppb
Lead	208-1	56.30	57.26	56.67	56.74	0.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	28321.50	28962.57	28734.14	28672.74	1.13	ppb
Manganese	55-2	2723.62	2661.13	2692.41	2692.39	1.16	ppb
Molybdenum	94-1	20.58	21.31	21.18	21.03	1.86	ppb
Molybdenum	95-1	0.91	0.93	0.94	0.93	1.87	ppb
Molybdenum	96-1	3.66	3.71	3.75	3.70	1.22	ppb
Molybdenum	97-1	0.92	0.86	0.94	0.91	4.08	ppb
Molybdenum	98-1	0.87	0.91	0.91	0.89	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	379.56	377.10	381.43	379.36	0.57	ppb
Phosphorus	31-2	2296.47	2339.87	2285.29	2307.21	1.25	ppb
Potassium	39-2	8040.68	8072.93	8065.33	8059.65	0.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	68.43	68.69	69.53	68.88	0.83	ppb
Selenium	77-2	78.76	83.10	74.24	78.70	5.63	ppb
Selenium	78-2	71.65	71.04	68.66	70.45	2.24	ppb
Silicon	28-1	780.82	796.79	784.70	787.44	1.06	ppb
Silver	107-1	24.23	24.81	24.88	24.64	1.45	ppb
Silver	109-1	24.17	24.92	24.91	24.67	1.75	ppb
Sodium	23-2	125.73	127.41	130.79	127.97	2.01	ppb
Strontium	86-1	53.82	54.80	55.16	54.59	1.27	ppb
Strontium	88-1	54.18	55.26	56.40	55.28	2.00	ppb
Sulfur	34-1	-1641.48	-1594.60	-1656.08	-1630.72		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	25.10	25.37	25.38	25.28	0.63	ppb
Thallium	205-1	25.24	25.57	25.55	25.45	0.73	ppb
Tin	118-1	2.13	2.14	2.17	2.14	0.99	ppb
Titanium	47-1	1061.31	1067.77	1058.44	1062.51	0.45	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.58	0.58	0.27	ppb
Vanadium	51-2	589.42	602.41	583.06	591.63	1.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	490.52	484.78	486.13	487.14	0.62	ppb
Zirconium	90-1	11.93	11.93	12.09	11.99	0.77	ppb
Zirconium	91-1	12.29	12.23	12.37	12.30	0.61	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49433.64	49632.70	59412.50	52826.28	10.80	ppb
Antimony	121-1	273.74	277.53	272.01	274.43	1.03	ppb
Arsenic	75-2	244.75	239.73	293.99	259.49	11.55	ppb
Barium	135-1	5722.60	5862.15	5761.56	5782.10	1.25	ppb
Barium	137-1	5742.89	5869.95	5758.58	5790.47	1.20	ppb
Beryllium	9-1	135.21	137.14	141.35	137.90	2.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.60	126.34	125.68	124.87	1.60	ppb
Cadmium	106-1	123.78	123.72	122.53	123.34	0.57	ppb
Cadmium	111-1	135.32	136.76	134.80	135.63	0.75	ppb
Calcium	43-1	10548.20	10676.68	10776.72	10667.20	1.07	ppb
Calcium	44-1	10114.81	10212.14	10288.95	10205.30	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	626.63	619.64	760.86	669.04	11.90	ppb
Cobalt	59-2	1367.30	1391.80	1680.79	1479.97	11.78	ppb
Copper	63-2	879.41	877.50	1077.87	944.92	12.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	120791.48	121981.84	148337.79	130370.37	11.94	ppb
Iron	57-2	120940.59	119692.08	144723.84	128452.17	10.98	ppb
Iron	54-2	122235.12	123600.19	150768.83	132201.38	12.17	ppb
Krypton	83-1						cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.43	94.68	95.99	95.70	0.95	ppb
Lead	207-1	93.73	94.47	94.46	94.22	0.45	ppb
Lead	208-1	100.77	101.02	101.12	100.97	0.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	27681.00	27556.82	33663.47	29633.76	11.78	ppb
Manganese	55-2	3573.03	3552.81	4376.26	3834.03	12.25	ppb
Molybdenum	94-1	20.08	20.17	20.57	20.27	1.29	ppb
Molybdenum	95-1	0.92	0.90	0.91	0.91	0.74	ppb
Molybdenum	96-1	3.70	3.66	3.61	3.66	1.32	ppb
Molybdenum	97-1	0.94	0.91	0.88	0.91	3.20	ppb
Molybdenum	98-1	0.88	0.89	0.90	0.89	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1449.06	1463.43	1760.92	1557.80	11.30	ppb
Phosphorus	31-2	2224.82	2233.04	2740.37	2399.41	12.31	ppb
Potassium	39-2	7890.06	7991.50	9604.39	8495.32	11.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	298.89	298.14	296.66	297.90	0.38	ppb
Selenium	77-2	301.99	292.74	374.60	323.11	13.88	ppb
Selenium	78-2	302.65	290.87	372.15	321.89	13.65	ppb
Silicon	28-1	755.43	760.47	750.74	755.55	0.64	ppb
Silver	107-1	120.35	124.28	111.36	118.67	5.58	ppb
Silver	109-1	112.68	126.94	120.20	119.94	5.94	ppb
Sodium	23-2	112.23	114.22	150.04	125.50	16.95	ppb
Strontium	86-1	52.44	52.82	52.23	52.50	0.56	ppb
Strontium	88-1	53.58	54.77	53.74	54.03	1.20	ppb
Sulfur	34-1	-1712.92	-1646.06	-1728.10	-1695.70		ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	122.13	122.06	123.54	122.58	0.68	ppb
Thallium	205-1	136.60	138.27	139.49	138.12	1.05	ppb
Tin	118-1	1.78	1.80	1.79	1.79	0.48	ppb
Titanium	47-1	1000.71	1029.17	1022.08	1017.32	1.46	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.57	0.57	0.57	0.82	ppb
Vanadium	51-2	1589.60	1588.76	1947.97	1708.78	12.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1501.67	1543.40	1873.29	1639.45	12.42	ppb
Zirconium	90-1	11.51	11.67	11.61	11.60	0.70	ppb
Zirconium	91-1	11.65	11.81	11.63	11.70	0.86	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49016.34	48942.65	49185.08	49048.03	0.25	ppb
Antimony	121-1	486.23	495.53	495.81	492.52	1.11	ppb
Arsenic	75-2	491.31	495.79	478.92	488.67	1.79	ppb
Barium	135-1	2458.05	2500.86	2489.33	2482.75	0.89	ppb
Barium	137-1	2485.99	2554.02	2475.90	2505.30	1.70	ppb
Beryllium	9-1	536.73	517.54	522.81	525.69	1.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.82	515.11	515.21	510.38	1.62	ppb
Cadmium	106-1	507.64	514.77	514.45	512.29	0.79	ppb
Cadmium	111-1	490.77	487.56	504.90	494.41	1.87	ppb
Calcium	43-1	255241.50	249091.32	247075.15	250469.33	1.70	ppb
Calcium	44-1	249885.61	246895.54	249411.67	248730.94	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.49	507.21	492.98	499.89	1.42	ppb
Cobalt	59-2	529.49	535.55	537.88	534.30	0.81	ppb
Copper	63-2	5189.55	5172.85	5144.88	5169.09	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	125996.96	128504.00	126081.02	126860.66	1.12	ppb
Iron	57-2	124703.38	124869.82	126028.05	125200.42	0.58	ppb
Iron	54-2	127959.49	128698.10	126829.55	127829.05	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2540.28	2591.18	2585.93	2572.46	1.09	ppb
Lead	207-1	2524.08	2558.74	2551.44	2544.75	0.72	ppb
Lead	208-1	2556.59	2579.57	2576.24	2570.80	0.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	242992.13	245075.49	245744.69	244604.10	0.59	ppb
Manganese	55-2	4970.16	4970.58	4917.38	4952.71	0.62	ppb
Molybdenum	94-1	4981.78	5102.57	5077.39	5053.91	1.26	ppb
Molybdenum	95-1	5034.86	5115.02	5154.75	5101.54	1.20	ppb
Molybdenum	96-1	5064.91	5154.94	5108.53	5109.46	0.88	ppb
Molybdenum	97-1	5057.92	5131.14	5066.34	5085.13	0.79	ppb
Molybdenum	98-1	4979.86	5147.41	5080.99	5069.42	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.59	512.07	508.35	509.00	0.55	ppb
Phosphorus	31-2	10006.29	10188.48	10128.11	10107.63	0.92	ppb
Potassium	39-2	119493.28	120085.82	119890.36	119823.15	0.25	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	485.01	486.90	489.71	487.21	0.49	ppb
Selenium	77-2	492.73	492.47	488.73	491.31	0.45	ppb
Selenium	78-2	486.07	480.73	470.50	479.10	1.65	ppb
Silicon	28-1	407.96	399.11	411.06	406.04	1.53	ppb
Silver	107-1	518.48	517.07	516.33	517.29	0.21	ppb
Silver	109-1	515.02	515.62	515.26	515.30	0.06	ppb
Sodium	23-2	247937.97	251535.37	247530.16	249001.17	0.89	ppb
Strontium	86-1	12564.82	12630.39	12636.09	12610.43	0.31	ppb
Strontium	88-1	12495.19	12602.65	12720.19	12606.01	0.89	ppb
Sulfur	34-1	10114.39	9939.64	10269.34	10107.79	1.63	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	524.18	521.97	514.24	520.13	1.00	ppb
Thallium	205-1	520.02	519.73	520.97	520.24	0.13	ppb
Tin	118-1	494.62	502.75	496.20	497.85	0.87	ppb
Titanium	47-1	5028.71	4955.91	5124.55	5036.39	1.68	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	524.35	532.79	530.87	529.34	0.84	ppb
Vanadium	51-2	507.07	515.25	494.78	505.70	2.04	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	5139.30	5195.90	5138.33	5157.85	0.64	ppb
Zirconium	90-1	501.00	509.04	514.08	508.04	1.30	ppb
Zirconium	91-1	514.75	512.66	525.30	517.57	1.31	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	1.51	1.50	1.60	10.23	ppb
Antimony	121-1	0.34	0.33	0.40	0.36	10.20	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	25.03	ppb
Barium	135-1	0.14	0.08	0.08	0.10	34.11	ppb
Barium	137-1	0.10	0.10	0.07	0.09	23.25	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	9.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.03	0.02	0.02	68.39	ppb
Cadmium	106-1	-0.15	-0.38	0.18	-0.11		ppb
Cadmium	111-1	0.03	0.00	0.04	0.02	94.67	ppb
Calcium	43-1	10.56	7.56	5.15	7.76	34.91	ppb
Calcium	44-1	-8.06	-10.68	-11.14	-9.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.03	0.02	89.32	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.89	ppb
Copper	63-2	-0.06	-0.06	-0.08	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	3.82	3.67	3.68	3.73	2.26	ppb
Iron	57-2	0.99	1.20	1.38	1.19	16.52	ppb
Iron	54-2	5.37	4.87	4.04	4.76	14.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.13	0.13	0.14	16.09	ppb
Lead	207-1	0.16	0.14	0.13	0.15	11.03	ppb
Lead	208-1	0.16	0.13	0.12	0.14	15.06	ppb
Lithium	6-1				109		%
Magnesium	24-2	6.36	6.02	6.42	6.27	3.41	ppb
Manganese	55-2	0.03	0.03	0.02	0.02	31.07	ppb
Molybdenum	94-1	0.42	0.38	0.37	0.39	5.95	ppb
Molybdenum	95-1	0.34	0.32	0.28	0.31	10.60	ppb
Molybdenum	96-1	0.37	0.29	0.30	0.32	14.82	ppb
Molybdenum	97-1	0.37	0.32	0.29	0.33	12.40	ppb
Molybdenum	98-1	0.35	0.30	0.28	0.31	12.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-17.98	-16.78	-15.71	-16.82		ppb
Potassium	39-2	-4.21	-5.24	-2.99	-4.15		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.27	0.09	0.54	0.30	74.95	ppb
Selenium	77-2	0.10	0.10	-0.05	0.05	167.47	ppb
Selenium	78-2	-0.53	-0.18	-0.45	-0.38		ppb
Silicon	28-1	0.31	0.27	0.13	0.24	40.65	ppb
Silver	107-1	0.07	0.05	0.03	0.05	35.97	ppb
Silver	109-1	0.06	0.05	0.04	0.05	25.67	ppb
Sodium	23-2	4.42	3.43	2.57	3.48	26.63	ppb
Strontium	86-1	0.54	0.48	0.39	0.47	15.37	ppb
Strontium	88-1	0.55	0.44	0.36	0.45	21.95	ppb
Sulfur	34-1	-535.68	-482.90	-552.88	-523.82		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.04	0.05	22.61	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	14.36	ppb
Tin	118-1	0.08	0.09	0.12	0.09	21.43	ppb
Titanium	47-1	0.29	0.25	0.21	0.25	15.20	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	11.39	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	30.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.19	0.17	0.18	0.18	3.95	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	4.48	ppb
Zirconium	91-1	0.07	0.06	0.08	0.07	11.41	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43979.00	43769.96	43704.42	43817.80	0.33	ppb
Antimony	121-1	9.92	9.98	10.04	9.98	0.63	ppb
Arsenic	75-2	250.75	248.09	246.16	248.33	0.93	ppb
Barium	135-1	400.47	406.18	406.35	404.33	0.83	ppb
Barium	137-1	422.76	436.10	440.72	433.20	2.15	ppb
Beryllium	9-1	1.63	1.65	1.65	1.64	0.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.75	1.73	1.68	6.21	ppb
Cadmium	106-1	1.87	2.28	2.59	2.25	16.17	ppb
Cadmium	111-1	1.04	1.12	1.15	1.10	5.28	ppb
Calcium	43-1	8769.44	8811.72	8863.31	8814.83	0.53	ppb
Calcium	44-1	8310.73	8258.25	8393.80	8320.93	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.37	174.79	173.44	174.20	0.40	ppb
Cobalt	59-2	74.07	74.09	73.67	73.95	0.32	ppb
Copper	63-2	220.03	213.16	215.58	216.25	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	146446.45	146097.02	146576.35	146373.27	0.17	ppb
Iron	57-2	144168.21	142649.89	142781.93	143200.01	0.59	ppb
Iron	54-2	146351.24	148575.92	147243.66	147390.27	0.76	ppb
Krypton	83-1						cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.96	41.52	42.46	41.65	1.82	ppb
Lead	207-1	40.78	41.24	41.85	41.29	1.30	ppb
Lead	208-1	40.81	41.30	41.82	41.31	1.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	27717.56	27542.90	27077.66	27446.04	1.21	ppb
Manganese	55-2	4832.69	4895.18	4833.26	4853.71	0.74	ppb
Molybdenum	94-1	12.11	12.21	11.98	12.10	0.94	ppb
Molybdenum	95-1	1.88	1.91	1.89	1.89	0.67	ppb
Molybdenum	96-1	3.77	3.81	3.78	3.79	0.62	ppb
Molybdenum	97-1	1.81	1.91	1.85	1.86	2.49	ppb
Molybdenum	98-1	1.81	1.87	1.77	1.82	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.21	117.11	119.68	118.67	1.16	ppb
Phosphorus	31-2	2368.68	2354.79	2329.10	2350.86	0.85	ppb
Potassium	39-2	11099.84	11074.59	11096.07	11090.17	0.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.96	1.12	1.34	1.14	16.89	ppb
Selenium	77-2	13.58	9.40	12.00	11.66	18.12	ppb
Selenium	78-2	2.46	2.31	1.94	2.24	12.04	ppb
Silicon	28-1	593.14	585.96	590.35	589.82	0.61	ppb
Silver	107-1	0.32	0.29	0.28	0.30	5.69	ppb
Silver	109-1	0.31	0.29	0.27	0.29	6.61	ppb
Sodium	23-2	131.63	131.25	131.62	131.50	0.16	ppb
Strontium	86-1	79.52	81.45	79.12	80.03	1.56	ppb
Strontium	88-1	82.45	82.44	80.83	81.91	1.13	ppb
Sulfur	34-1	-796.28	-993.62	-1081.14	-957.01		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.30	0.29	0.31	0.30	2.30	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	2.92	ppb
Tin	118-1	2.68	2.71	2.80	2.73	2.21	ppb
Titanium	47-1	725.30	727.92	746.04	733.09	1.54	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.84	0.84	1.30	ppb
Vanadium	51-2	302.05	299.88	295.08	299.00	1.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	257.42	254.89	254.79	255.70	0.58	ppb
Zirconium	90-1	6.29	6.36	6.21	6.29	1.18	ppb
Zirconium	91-1	6.40	6.37	6.27	6.35	1.11	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52431.76	53013.39	52584.76	52676.64	0.57	ppb
Antimony	121-1	1.93	1.92	1.99	1.95	1.98	ppb
Arsenic	75-2	148.77	151.05	149.31	149.71	0.80	ppb
Barium	135-1	599.10	607.06	596.23	600.80	0.93	ppb
Barium	137-1	603.83	610.75	606.07	606.88	0.58	ppb
Beryllium	9-1	2.13	2.05	2.19	2.12	3.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.87	2.64	2.81	2.77	4.20	ppb
Cadmium	106-1	4.56	4.55	3.81	4.30	10.02	ppb
Cadmium	111-1	0.90	0.90	0.83	0.88	4.20	ppb
Calcium	43-1	12020.82	12157.93	12479.50	12219.42	1.93	ppb
Calcium	44-1	11582.12	11633.20	11573.81	11596.38	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.60	174.97	174.72	174.43	0.42	ppb
Cobalt	59-2	75.09	76.67	74.95	75.57	1.26	ppb
Copper	63-2	174.86	177.55	176.74	176.38	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				98		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	156510.94	158569.43	157349.03	157476.47	0.66	ppb
Iron	57-2	152476.32	155276.48	155672.05	154474.95	1.13	ppb
Iron	54-2	156771.69	158586.05	159867.09	158408.28	0.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.20	36.27	37.16	36.88	1.42	ppb
Lead	207-1	36.53	35.72	37.22	36.49	2.06	ppb
Lead	208-1	36.47	35.93	37.04	36.48	1.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	29118.33	29083.85	29246.54	29149.57	0.29	ppb
Manganese	55-2	6156.41	6177.91	6244.33	6192.88	0.74	ppb
Molybdenum	94-1	42.07	41.52	41.71	41.77	0.67	ppb
Molybdenum	95-1	2.42	2.41	2.49	2.44	1.74	ppb
Molybdenum	96-1	7.44	7.30	7.24	7.33	1.43	ppb
Molybdenum	97-1	2.31	2.39	2.36	2.35	1.86	ppb
Molybdenum	98-1	2.32	2.33	2.34	2.33	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.68	139.64	140.54	139.62	0.66	ppb
Phosphorus	31-2	2595.91	2586.41	2591.87	2591.40	0.18	ppb
Potassium	39-2	13752.33	14021.57	13933.33	13902.41	0.99	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.28	0.95	1.62	1.29	25.97	ppb
Selenium	77-2	17.21	20.58	16.58	18.12	11.87	ppb
Selenium	78-2	2.38	3.73	4.32	3.48	28.53	ppb
Silicon	28-1	603.51	603.87	604.23	603.87	0.06	ppb
Silver	107-1	0.18	0.19	0.19	0.19	1.96	ppb
Silver	109-1	0.18	0.18	0.17	0.18	2.26	ppb
Sodium	23-2	185.20	189.29	189.87	188.12	1.35	ppb
Strontium	86-1	88.05	86.01	86.55	86.87	1.22	ppb
Strontium	88-1	88.37	86.93	86.90	87.40	0.96	ppb
Sulfur	34-1	-1011.55	-1062.54	-984.23	-1019.44		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.31	0.32	0.32	0.32	1.93	ppb
Thallium	205-1	0.31	0.30	0.30	0.30	1.33	ppb
Tin	118-1	4.15	4.17	4.26	4.19	1.41	ppb
Titanium	47-1	1184.91	1206.50	1189.80	1193.74	0.95	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.02	1.07	1.05	2.34	ppb
Vanadium	51-2	290.30	294.42	290.55	291.75	0.79	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	284.54	290.17	288.64	287.78	1.01	ppb
Zirconium	90-1	23.74	23.78	23.59	23.70	0.42	ppb
Zirconium	91-1	24.19	24.19	24.38	24.26	0.45	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50132.33	50944.41	50660.56	50579.10	0.81	ppb
Antimony	121-1	1.64	1.65	1.65	1.64	0.42	ppb
Arsenic	75-2	168.06	163.54	165.85	165.82	1.36	ppb
Barium	135-1	581.36	583.12	586.49	583.66	0.45	ppb
Barium	137-1	588.79	603.33	584.88	592.33	1.64	ppb
Beryllium	9-1	2.09	2.11	2.20	2.13	2.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	1.91	2.14	2.04	5.67	ppb
Cadmium	106-1	3.01	3.21	3.01	3.07	3.88	ppb
Cadmium	111-1	0.96	0.98	0.91	0.95	3.81	ppb
Calcium	43-1	10562.53	10761.55	10788.15	10704.08	1.15	ppb
Calcium	44-1	10289.66	10251.49	10310.15	10283.77	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.81	175.06	174.05	173.98	0.65	ppb
Cobalt	59-2	74.89	75.42	74.66	74.99	0.52	ppb
Copper	63-2	197.42	193.58	196.01	195.67	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	159282.29	161003.53	162073.17	160786.33	0.88	ppb
Iron	57-2	156445.45	159784.03	156946.72	157725.40	1.14	ppb
Iron	54-2	160491.55	164182.87	161344.27	162006.23	1.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.33	42.46	43.25	42.35	2.28	ppb
Lead	207-1	41.08	41.39	42.24	41.57	1.43	ppb
Lead	208-1	41.40	41.92	42.81	42.04	1.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	29396.66	29468.24	29222.36	29362.42	0.43	ppb
Manganese	55-2	6083.96	6169.37	6140.76	6131.36	0.71	ppb
Molybdenum	94-1	23.41	23.86	24.18	23.82	1.62	ppb
Molybdenum	95-1	2.34	2.42	2.39	2.38	1.56	ppb
Molybdenum	96-1	5.35	5.52	5.56	5.48	2.01	ppb
Molybdenum	97-1	2.23	2.28	2.28	2.27	1.38	ppb
Molybdenum	98-1	2.24	2.31	2.28	2.28	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.65	138.65	136.86	137.72	0.65	ppb
Phosphorus	31-2	2284.82	2305.02	2303.12	2297.65	0.49	ppb
Potassium	39-2	13646.56	13670.20	13482.65	13599.80	0.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.99	0.90	0.86	0.92	7.22	ppb
Selenium	77-2	16.33	16.14	14.19	15.55	7.61	ppb
Selenium	78-2	3.51	3.53	3.80	3.61	4.51	ppb
Silicon	28-1	670.88	679.27	683.04	677.73	0.92	ppb
Silver	107-1	0.23	0.23	0.23	0.23	1.63	ppb
Silver	109-1	0.22	0.22	0.24	0.23	3.42	ppb
Sodium	23-2	154.69	156.74	156.21	155.88	0.68	ppb
Strontium	86-1	81.65	84.39	84.37	83.47	1.89	ppb
Strontium	88-1	82.59	85.22	84.21	84.01	1.58	ppb
Sulfur	34-1	-1554.25	-1528.46	-1553.74	-1545.48		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.28	0.30	0.29	4.44	ppb
Thallium	205-1	0.27	0.30	0.29	0.29	4.99	ppb
Tin	118-1	2.73	2.81	2.79	2.78	1.61	ppb
Titanium	47-1	1005.89	1007.69	1011.37	1008.31	0.28	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.00	1.00	1.00	0.96	ppb
Vanadium	51-2	303.76	313.63	306.80	308.06	1.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	246.44	249.70	249.40	248.51	0.73	ppb
Zirconium	90-1	13.19	13.39	13.33	13.30	0.79	ppb
Zirconium	91-1	13.12	13.68	13.43	13.41	2.07	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38610.16	35647.34	36210.01	36822.50	4.27	ppb
Antimony	121-1	1.62	1.67	1.67	1.66	1.82	ppb
Arsenic	75-2	125.65	115.79	117.65	119.70	4.38	ppb
Barium	135-1	571.14	565.64	563.16	566.65	0.72	ppb
Barium	137-1	576.09	557.15	566.70	566.65	1.67	ppb
Beryllium	9-1	1.58	1.73	1.64	1.65	4.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	2.08	1.63	1.89	12.24	ppb
Cadmium	106-1	2.58	1.95	2.71	2.41	16.80	ppb
Cadmium	111-1	1.30	1.22	1.34	1.29	4.73	ppb
Calcium	43-1	9011.59	9383.89	9270.35	9221.94	2.07	ppb
Calcium	44-1	8660.71	8827.68	8870.71	8786.37	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.45	120.63	122.84	124.97	4.57	ppb
Cobalt	59-2	62.24	57.70	58.08	59.34	4.24	ppb
Copper	63-2	227.16	208.27	213.57	216.33	4.50	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				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	134742.83	122758.51	124046.97	127182.77	5.17	ppb
Iron	57-2	131855.72	120580.52	121873.96	124770.07	4.95	ppb
Iron	54-2	134865.79	122605.95	124851.07	127440.94	5.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.44	60.78	60.13	59.78	2.02	ppb
Lead	207-1	58.09	60.61	60.80	59.83	2.52	ppb
Lead	208-1	58.55	59.83	59.88	59.42	1.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	21117.77	19728.40	19934.50	20260.22	3.70	ppb
Manganese	55-2	5490.39	5020.99	5062.57	5191.32	5.01	ppb
Molybdenum	94-1	15.10	15.75	15.97	15.61	2.88	ppb
Molybdenum	95-1	1.54	1.53	1.52	1.53	0.43	ppb
Molybdenum	96-1	3.61	3.67	3.68	3.65	1.07	ppb
Molybdenum	97-1	1.47	1.55	1.59	1.54	3.87	ppb
Molybdenum	98-1	1.45	1.43	1.48	1.46	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.24	98.46	100.71	101.80	3.93	ppb
Phosphorus	31-2	1991.73	1796.77	1804.57	1864.36	5.92	ppb
Potassium	39-2	8687.56	7979.24	8075.80	8247.53	4.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	1.04	0.96	1.46	1.16	23.46	ppb
Selenium	77-2	16.75	16.69	15.98	16.47	2.59	ppb
Selenium	78-2	3.62	3.38	2.81	3.27	12.70	ppb
Silicon	28-1	627.61	630.06	629.11	628.92	0.20	ppb
Silver	107-1	0.27	0.27	0.27	0.27	1.20	ppb
Silver	109-1	0.28	0.26	0.28	0.28	4.08	ppb
Sodium	23-2	140.67	125.88	130.45	132.33	5.72	ppb
Strontium	86-1	70.06	73.21	73.36	72.21	2.58	ppb
Strontium	88-1	71.91	74.19	73.17	73.09	1.56	ppb
Sulfur	34-1	-1388.02	-1261.53	-1342.12	-1330.56		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.27	0.26	0.30	0.28	7.94	ppb
Thallium	205-1	0.28	0.26	0.27	0.27	4.03	ppb
Tin	118-1	2.28	2.25	2.30	2.28	1.09	ppb
Titanium	47-1	780.78	797.46	808.59	795.61	1.76	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.85	0.86	0.86	0.77	ppb
Vanadium	51-2	244.36	227.96	230.51	234.28	3.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	257.93	237.84	241.86	245.88	4.32	ppb
Zirconium	90-1	8.43	8.60	8.65	8.56	1.39	ppb
Zirconium	91-1	8.49	8.85	8.80	8.71	2.26	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41574.99	41357.35	40642.10	41191.48	1.18	ppb
Antimony	121-1	1.42	1.39	1.41	1.40	0.94	ppb
Arsenic	75-2	117.36	114.82	116.47	116.22	1.11	ppb
Barium	135-1	486.85	505.58	497.68	496.70	1.89	ppb
Barium	137-1	491.76	503.20	502.58	499.18	1.29	ppb
Beryllium	9-1	1.55	1.57	1.58	1.57	0.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	1.85	1.82	1.94	9.78	ppb
Cadmium	106-1	2.74	2.29	1.93	2.32	17.65	ppb
Cadmium	111-1	1.00	0.97	0.96	0.98	2.11	ppb
Calcium	43-1	10724.40	10824.21	10790.93	10779.85	0.47	ppb
Calcium	44-1	10284.67	10262.23	10502.59	10349.83	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.12	112.02	109.74	110.63	1.10	ppb
Cobalt	59-2	59.98	60.74	59.67	60.13	0.92	ppb
Copper	63-2	203.64	206.12	203.40	204.38	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	121673.97	122484.17	121543.41	121900.52	0.42	ppb
Iron	57-2	119525.01	120552.91	120314.60	120130.84	0.45	ppb
Iron	54-2	122761.02	123651.40	123244.96	123219.13	0.36	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.89	40.36	39.94	40.07	0.65	ppb
Lead	207-1	38.07	39.24	38.55	38.62	1.52	ppb
Lead	208-1	38.80	39.76	39.34	39.30	1.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	23326.84	23661.16	23383.69	23457.23	0.76	ppb
Manganese	55-2	2652.57	2648.21	2653.00	2651.26	0.10	ppb
Molybdenum	94-1	22.95	23.26	23.95	23.38	2.19	ppb
Molybdenum	95-1	1.06	1.06	1.10	1.07	2.22	ppb
Molybdenum	96-1	3.98	3.91	4.19	4.03	3.73	ppb
Molybdenum	97-1	1.05	1.07	1.06	1.06	1.07	ppb
Molybdenum	98-1	0.99	1.04	1.05	1.03	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.18	104.57	102.20	103.65	1.22	ppb
Phosphorus	31-2	2399.55	2417.67	2379.79	2399.00	0.79	ppb
Potassium	39-2	8599.85	8615.45	8675.04	8630.11	0.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	1.26	1.12	1.36	1.25	9.64	ppb
Selenium	77-2	16.76	15.71	14.96	15.81	5.71	ppb
Selenium	78-2	2.50	2.74	3.21	2.82	12.79	ppb
Silicon	28-1	608.11	624.08	617.76	616.65	1.30	ppb
Silver	107-1	0.19	0.20	0.21	0.20	4.14	ppb
Silver	109-1	0.19	0.20	0.19	0.19	2.52	ppb
Sodium	23-2	158.06	162.00	158.90	159.65	1.30	ppb
Strontium	86-1	63.94	63.22	66.02	64.39	2.26	ppb
Strontium	88-1	64.16	64.29	65.84	64.76	1.44	ppb
Sulfur	34-1	-1526.37	-1539.03	-1605.71	-1557.04		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.23	0.25	0.23	0.24	4.57	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	0.73	ppb
Tin	118-1	2.39	2.44	2.40	2.41	0.95	ppb
Titanium	47-1	1086.00	1105.20	1115.56	1102.25	1.36	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.87	0.86	0.85	2.53	ppb
Vanadium	51-2	261.81	267.39	263.89	264.36	1.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	205.02	204.26	201.29	203.52	0.97	ppb
Zirconium	90-1	13.40	13.62	13.97	13.66	2.10	ppb
Zirconium	91-1	13.62	13.47	14.15	13.75	2.61	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67787.57	68205.67	68562.60	68185.28	0.57	ppb
Antimony	121-1	2.30	2.28	2.32	2.30	0.74	ppb
Arsenic	75-2	185.27	184.33	185.45	185.02	0.32	ppb
Barium	135-1	290.49	292.31	292.99	291.93	0.44	ppb
Barium	137-1	302.48	309.14	312.68	308.10	1.68	ppb
Beryllium	9-1	1.31	1.39	1.33	1.35	3.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.45	3.96	3.88	4.10	7.52	ppb
Cadmium	106-1	4.39	3.71	3.89	4.00	8.91	ppb
Cadmium	111-1	3.55	3.60	3.62	3.59	0.96	ppb
Calcium	43-1	5043.13	5179.29	5199.50	5140.64	1.65	ppb
Calcium	44-1	4790.16	4912.83	4886.94	4863.31	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.37	133.05	134.20	133.54	0.45	ppb
Cobalt	59-2	82.23	82.23	82.35	82.27	0.08	ppb
Copper	63-2	495.34	503.87	506.65	501.95	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	183134.80	181347.47	183617.96	182700.08	0.65	ppb
Iron	57-2	178133.82	177069.34	179954.13	178385.76	0.82	ppb
Iron	54-2	185412.33	183059.58	182079.08	183517.00	0.93	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	134.37	138.16	135.19	135.91	1.47	ppb
Lead	207-1	133.94	135.17	134.17	134.42	0.49	ppb
Lead	208-1	141.61	145.03	143.72	143.45	1.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	46557.57	46468.83	46146.68	46391.03	0.47	ppb
Manganese	55-2	3132.94	3155.91	3109.78	3132.88	0.74	ppb
Molybdenum	94-1	10.67	10.74	10.81	10.74	0.68	ppb
Molybdenum	95-1	1.70	1.75	1.75	1.73	1.41	ppb
Molybdenum	96-1	3.89	3.71	3.67	3.75	3.07	ppb
Molybdenum	97-1	1.71	1.65	1.73	1.70	2.33	ppb
Molybdenum	98-1	1.64	1.68	1.67	1.66	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.42	101.32	102.61	101.45	1.09	ppb
Phosphorus	31-2	1503.91	1532.43	1547.53	1527.96	1.45	ppb
Potassium	39-2	7568.50	7599.12	7494.28	7553.97	0.71	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.50	2.00	1.74	1.74	14.24	ppb
Selenium	77-2	15.39	12.60	15.17	14.39	10.80	ppb
Selenium	78-2	3.03	1.96	4.18	3.06	36.30	ppb
Silicon	28-1	501.03	523.39	513.94	512.79	2.19	ppb
Silver	107-1	0.74	0.74	0.77	0.75	2.81	ppb
Silver	109-1	0.75	0.76	0.75	0.75	0.81	ppb
Sodium	23-2	109.54	110.12	111.34	110.33	0.84	ppb
Strontium	86-1	38.08	38.60	38.32	38.33	0.67	ppb
Strontium	88-1	38.56	38.06	39.14	38.59	1.41	ppb
Sulfur	34-1	-1746.10	-1603.74	-1625.33	-1658.39		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.24	0.24	0.24	0.71	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	1.49	ppb
Tin	118-1	2.81	2.82	2.91	2.85	2.03	ppb
Titanium	47-1	529.06	535.93	537.49	534.16	0.84	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.68	0.68	0.68	0.37	ppb
Vanadium	51-2	560.96	551.56	547.64	553.39	1.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	412.89	415.09	415.49	414.49	0.34	ppb
Zirconium	90-1	5.49	5.61	5.55	5.55	1.11	ppb
Zirconium	91-1	5.69	5.69	5.56	5.65	1.29	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29674.39	29041.34	29689.14	29468.29	1.25	ppb
Antimony	121-1	1.01	1.05	1.07	1.04	2.56	ppb
Arsenic	75-2	76.53	75.06	75.17	75.59	1.08	ppb
Barium	135-1	285.71	288.72	286.37	286.93	0.55	ppb
Barium	137-1	300.95	302.83	299.08	300.95	0.62	ppb
Beryllium	9-1	1.14	1.13	1.19	1.15	2.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.62	1.27	1.38	14.40	ppb
Cadmium	106-1	1.44	0.81	1.34	1.20	28.55	ppb
Cadmium	111-1	0.93	0.91	0.93	0.92	1.19	ppb
Calcium	43-1	11617.61	12002.39	12053.67	11891.22	2.00	ppb
Calcium	44-1	11138.86	11434.63	11158.53	11244.00	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.51	58.11	57.45	57.69	0.64	ppb
Cobalt	59-2	38.20	38.14	37.88	38.07	0.45	ppb
Copper	63-2	231.72	231.36	234.87	232.65	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	92000.23	94229.41	93039.63	93089.76	1.20	ppb
Iron	57-2	90448.15	92177.80	90947.97	91191.31	0.98	ppb
Iron	54-2	94625.48	94135.91	95211.63	94657.67	0.57	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.96	83.91	86.94	84.94	2.04	ppb
Lead	207-1	78.34	77.98	80.23	78.85	1.54	ppb
Lead	208-1	80.41	80.18	88.05	82.88	5.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	18839.19	18810.19	18929.67	18859.68	0.33	ppb
Manganese	55-2	1584.26	1591.08	1603.88	1593.08	0.63	ppb
Molybdenum	94-1	9.07	9.02	9.00	9.03	0.40	ppb
Molybdenum	95-1	0.88	0.89	0.91	0.90	1.77	ppb
Molybdenum	96-1	2.26	2.30	2.30	2.29	0.96	ppb
Molybdenum	97-1	0.91	0.92	0.92	0.92	0.57	ppb
Molybdenum	98-1	0.86	0.86	0.92	0.88	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.68	48.68	48.49	48.62	0.22	ppb
Phosphorus	31-2	2230.08	2212.51	2219.32	2220.64	0.40	ppb
Potassium	39-2	5876.76	5938.71	5942.45	5919.30	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.00	1.10	1.12	1.07	6.10	ppb
Selenium	77-2	11.02	11.75	10.90	11.22	4.07	ppb
Selenium	78-2	3.00	2.03	1.87	2.30	26.60	ppb
Silicon	28-1	564.92	575.40	559.39	566.57	1.44	ppb
Silver	107-1	0.11	0.11	0.10	0.11	3.99	ppb
Silver	109-1	0.11	0.10	0.10	0.10	7.72	ppb
Sodium	23-2	168.30	167.64	169.02	168.32	0.41	ppb
Strontium	86-1	70.84	71.17	70.36	70.79	0.57	ppb
Strontium	88-1	71.67	71.24	71.75	71.55	0.38	ppb
Sulfur	34-1	-1397.83	-1380.60	-1396.65	-1391.70		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.25	0.24	0.26	0.25	2.37	ppb
Thallium	205-1	0.24	0.24	0.26	0.25	3.60	ppb
Tin	118-1	2.42	2.44	2.47	2.44	1.00	ppb
Titanium	47-1	989.78	1027.55	975.73	997.69	2.69	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.61	0.63	0.61	1.62	ppb
Vanadium	51-2	214.42	218.72	217.79	216.98	1.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	196.59	195.53	197.53	196.55	0.51	ppb
Zirconium	90-1	4.90	5.02	4.86	4.93	1.67	ppb
Zirconium	91-1	5.11	5.15	5.06	5.11	0.95	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67778.93	68039.20	69036.12	68284.75	0.97	ppb
Antimony	121-1	1.03	1.07	1.07	1.05	2.01	ppb
Arsenic	75-2	187.26	190.87	187.21	188.44	1.11	ppb
Barium	135-1	398.58	399.41	405.07	401.02	0.88	ppb
Barium	137-1	425.86	426.46	426.21	426.18	0.07	ppb
Beryllium	9-1	1.50	1.45	1.43	1.46	2.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.61	1.76	1.68	4.69	ppb
Cadmium	106-1	1.28	1.12	2.74	1.72	52.17	ppb
Cadmium	111-1	1.08	1.16	1.30	1.18	9.46	ppb
Calcium	43-1	13982.83	14146.00	14266.23	14131.69	1.01	ppb
Calcium	44-1	13208.71	13527.75	13456.10	13397.52	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148.70	148.90	150.46	149.35	0.64	ppb
Cobalt	59-2	86.48	86.26	87.73	86.82	0.91	ppb
Copper	63-2	317.91	312.02	314.04	314.66	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				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	170659.06	171565.32	173570.44	171931.61	0.87	ppb
Iron	57-2	168373.58	165856.33	171162.57	168464.16	1.58	ppb
Iron	54-2	174513.67	173589.32	175268.18	174457.06	0.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.66	65.73	65.68	65.36	0.92	ppb
Lead	207-1	62.68	63.57	64.30	63.52	1.28	ppb
Lead	208-1	63.52	64.62	64.97	64.37	1.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	45641.22	45024.91	46227.66	45631.26	1.32	ppb
Manganese	55-2	3123.76	3154.55	3183.58	3153.96	0.95	ppb
Molybdenum	94-1	9.37	9.52	9.34	9.41	1.01	ppb
Molybdenum	95-1	2.43	2.44	2.47	2.45	0.77	ppb
Molybdenum	96-1	4.13	4.23	4.21	4.19	1.20	ppb
Molybdenum	97-1	2.45	2.44	2.38	2.43	1.50	ppb
Molybdenum	98-1	2.37	2.48	2.37	2.41	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.34	126.04	128.47	126.95	1.04	ppb
Phosphorus	31-2	1629.91	1638.32	1621.75	1629.99	0.51	ppb
Potassium	39-2	7221.21	7231.11	7161.21	7204.51	0.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	1.00	1.21	1.10	1.10	9.34	ppb
Selenium	77-2	12.47	11.96	10.99	11.81	6.35	ppb
Selenium	78-2	2.16	1.65	1.76	1.86	14.42	ppb
Silicon	28-1	534.13	541.67	543.27	539.69	0.90	ppb
Silver	107-1	0.22	0.22	0.22	0.22	1.50	ppb
Silver	109-1	0.21	0.23	0.22	0.22	3.41	ppb
Sodium	23-2	133.66	134.55	138.78	135.66	2.02	ppb
Strontium	86-1	75.90	76.21	75.30	75.80	0.61	ppb
Strontium	88-1	75.87	77.18	76.96	76.67	0.92	ppb
Sulfur	34-1	-1703.63	-1625.53	-1615.98	-1648.38		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.21	0.21	0.21	5.36	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	2.29	ppb
Tin	118-1	3.98	4.01	4.04	4.01	0.83	ppb
Titanium	47-1	1170.47	1188.92	1198.98	1186.12	1.22	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.52	0.53	0.52	1.78	ppb
Vanadium	51-2	515.91	517.38	527.61	520.30	1.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	300.69	298.68	300.60	299.99	0.38	ppb
Zirconium	90-1	4.40	4.48	4.39	4.43	1.14	ppb
Zirconium	91-1	4.39	4.51	4.46	4.45	1.31	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36813.29	36395.32	36275.69	36494.77	0.77	ppb
Antimony	121-1	1.50	1.50	1.53	1.51	1.20	ppb
Arsenic	75-2	117.97	116.15	120.80	118.30	1.98	ppb
Barium	135-1	495.21	501.94	511.29	502.81	1.61	ppb
Barium	137-1	512.39	511.74	514.81	512.98	0.32	ppb
Beryllium	9-1	1.78	1.75	1.67	1.73	3.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.59	1.68	1.58	6.33	ppb
Cadmium	106-1	2.58	1.25	1.55	1.79	38.77	ppb
Cadmium	111-1	1.02	0.99	1.01	1.01	1.44	ppb
Calcium	43-1	14438.24	14329.25	14793.55	14520.35	1.67	ppb
Calcium	44-1	13794.36	13770.52	13958.39	13841.09	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.95	118.34	117.62	117.64	0.59	ppb
Cobalt	59-2	58.07	58.37	57.93	58.12	0.38	ppb
Copper	63-2	171.42	172.09	171.84	171.78	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	112888.78	114346.48	112677.61	113304.29	0.80	ppb
Iron	57-2	109601.33	111362.70	109932.61	110298.88	0.85	ppb
Iron	54-2	113308.00	116393.39	113760.19	114487.20	1.46	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.93	35.12	35.52	35.19	0.86	ppb
Lead	207-1	34.49	34.81	35.06	34.78	0.81	ppb
Lead	208-1	34.50	35.08	35.03	34.87	0.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	21171.07	21388.27	21272.09	21277.14	0.51	ppb
Manganese	55-2	4097.12	4181.53	4116.64	4131.76	1.07	ppb
Molybdenum	94-1	9.53	9.67	9.88	9.69	1.78	ppb
Molybdenum	95-1	1.49	1.49	1.56	1.51	2.58	ppb
Molybdenum	96-1	2.91	2.92	2.96	2.93	0.87	ppb
Molybdenum	97-1	1.41	1.43	1.46	1.43	1.93	ppb
Molybdenum	98-1	1.44	1.46	1.46	1.45	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.70	96.60	97.21	96.84	0.34	ppb
Phosphorus	31-2	2634.65	2655.66	2638.32	2642.88	0.42	ppb
Potassium	39-2	10046.13	10256.92	10077.87	10126.98	1.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.87	1.27	1.55	1.23	27.90	ppb
Selenium	77-2	14.57	13.71	13.60	13.96	3.84	ppb
Selenium	78-2	2.67	1.84	1.20	1.90	38.73	ppb
Silicon	28-1	825.33	817.88	859.35	834.19	2.65	ppb
Silver	107-1	0.21	0.21	0.22	0.21	3.78	ppb
Silver	109-1	0.21	0.22	0.22	0.22	1.33	ppb
Sodium	23-2	169.52	173.42	171.03	171.32	1.15	ppb
Strontium	86-1	104.42	104.75	106.83	105.34	1.24	ppb
Strontium	88-1	107.14	105.46	107.24	106.61	0.94	ppb
Sulfur	34-1	-867.12	-1017.24	-931.27	-938.54		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.24	0.26	0.25	0.25	4.56	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.46	ppb
Tin	118-1	2.23	2.25	2.29	2.25	1.47	ppb
Titanium	47-1	886.72	897.45	897.32	893.83	0.69	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.74	0.73	1.19	ppb
Vanadium	51-2	220.99	224.08	225.56	223.54	1.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	258.85	265.59	260.22	261.55	1.36	ppb
Zirconium	90-1	5.03	5.08	5.17	5.09	1.34	ppb
Zirconium	91-1	5.11	5.17	5.28	5.19	1.64	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28503.41	28424.21	28424.23	28450.62	0.16	ppb
Antimony	121-1	1.28	1.30	1.31	1.30	1.47	ppb
Arsenic	75-2	103.51	102.87	102.70	103.03	0.42	ppb
Barium	135-1	257.80	263.25	263.69	261.58	1.25	ppb
Barium	137-1	259.83	278.68	264.38	267.63	3.68	ppb
Beryllium	9-1	1.01	0.93	0.87	0.94	7.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.63	1.36	1.45	10.71	ppb
Cadmium	106-1	2.19	1.25	1.29	1.58	33.55	ppb
Cadmium	111-1	1.03	0.91	0.97	0.97	6.07	ppb
Calcium	43-1	7306.73	7460.64	7375.98	7381.12	1.04	ppb
Calcium	44-1	6894.60	7036.69	6974.81	6968.70	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.22	91.56	91.85	91.88	0.36	ppb
Cobalt	59-2	41.80	40.68	41.52	41.33	1.41	ppb
Copper	63-2	294.47	295.32	304.97	298.25	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	92141.93	91949.83	93484.18	92525.31	0.90	ppb
Iron	57-2	91183.24	89656.44	91503.22	90780.97	1.09	ppb
Iron	54-2	91140.76	93597.98	94163.54	92967.43	1.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.03	40.88	40.54	40.48	1.05	ppb
Lead	207-1	39.59	39.30	39.67	39.52	0.50	ppb
Lead	208-1	39.55	39.73	39.70	39.66	0.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	18379.11	17958.06	18115.28	18150.82	1.17	ppb
Manganese	55-2	1731.05	1735.95	1759.73	1742.24	0.88	ppb
Molybdenum	94-1	10.90	11.03	10.68	10.87	1.61	ppb
Molybdenum	95-1	1.84	1.91	1.80	1.85	3.14	ppb
Molybdenum	96-1	3.32	3.24	3.20	3.26	1.85	ppb
Molybdenum	97-1	1.80	1.79	1.75	1.78	1.45	ppb
Molybdenum	98-1	1.78	1.76	1.76	1.77	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.66	70.72	71.36	70.91	0.55	ppb
Phosphorus	31-2	1477.28	1475.89	1483.23	1478.80	0.26	ppb
Potassium	39-2	5826.17	5670.71	5734.43	5743.77	1.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.97	0.75	0.70	0.81	17.70	ppb
Selenium	77-2	8.73	6.86	9.30	8.30	15.37	ppb
Selenium	78-2	2.24	0.23	1.02	1.16	87.05	ppb
Silicon	28-1	865.44	900.12	861.20	875.59	2.44	ppb
Silver	107-1	0.22	0.24	0.24	0.23	5.05	ppb
Silver	109-1	0.23	0.24	0.22	0.23	3.88	ppb
Sodium	23-2	126.33	128.23	130.21	128.26	1.51	ppb
Strontium	86-1	41.04	41.24	40.55	40.94	0.87	ppb
Strontium	88-1	40.96	42.00	40.81	41.26	1.57	ppb
Sulfur	34-1	-1645.79	-1625.82	-1694.07	-1655.23		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.14	0.14	3.10	ppb
Thallium	205-1	0.14	0.15	0.15	0.14	4.23	ppb
Tin	118-1	2.30	2.37	2.40	2.36	2.04	ppb
Titanium	47-1	1010.37	1048.72	1010.19	1023.09	2.17	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.52	0.52	0.51	1.43	ppb
Vanadium	51-2	192.48	192.89	194.75	193.37	0.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	169.35	168.78	170.58	169.57	0.54	ppb
Zirconium	90-1	5.60	5.64	5.55	5.60	0.80	ppb
Zirconium	91-1	5.80	5.70	5.64	5.71	1.43	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45637.25	45867.55	45896.67	45800.49	0.31	ppb
Antimony	121-1	1.10	1.09	1.09	1.09	0.24	ppb
Arsenic	75-2	67.15	67.89	68.45	67.83	0.96	ppb
Barium	135-1	378.55	387.66	389.63	385.28	1.53	ppb
Barium	137-1	406.29	405.22	402.69	404.73	0.46	ppb
Beryllium	9-1	2.33	2.31	2.44	2.36	2.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.83	1.86	1.80	1.83	1.61	ppb
Cadmium	106-1	2.53	3.24	2.91	2.89	12.23	ppb
Cadmium	111-1	0.84	0.88	0.88	0.87	2.64	ppb
Calcium	43-1	20379.28	21270.73	21148.77	20932.92	2.31	ppb
Calcium	44-1	19522.16	20072.43	19934.14	19842.91	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.72	70.64	69.94	70.10	0.69	ppb
Cobalt	59-2	50.97	52.23	51.90	51.70	1.26	ppb
Copper	63-2	139.70	140.69	140.66	140.35	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	102511.23	105330.57	103272.81	103704.87	1.41	ppb
Iron	57-2	101937.13	101648.16	100339.92	101308.40	0.84	ppb
Iron	54-2	104952.79	104508.83	104163.00	104541.54	0.38	ppb
Krypton	83-1						cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.87	54.05	53.21	53.38	1.14	ppb
Lead	207-1	48.90	50.33	49.77	49.67	1.46	ppb
Lead	208-1	50.36	51.50	51.01	50.96	1.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	24597.52	24807.19	24819.18	24741.30	0.50	ppb
Manganese	55-2	2240.87	2265.20	2230.94	2245.67	0.79	ppb
Molybdenum	94-1	21.41	21.60	22.09	21.70	1.62	ppb
Molybdenum	95-1	0.96	1.00	1.01	0.99	2.30	ppb
Molybdenum	96-1	3.68	3.70	3.76	3.71	1.22	ppb
Molybdenum	97-1	0.97	1.00	1.01	0.99	1.89	ppb
Molybdenum	98-1	0.93	0.94	0.96	0.94	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.49	60.72	60.06	60.09	1.03	ppb
Phosphorus	31-2	2707.82	2708.21	2703.75	2706.59	0.09	ppb
Potassium	39-2	5557.43	5659.27	5494.22	5570.31	1.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.27	1.90	1.44	1.54	21.28	ppb
Selenium	77-2	22.28	20.46	20.09	20.94	5.61	ppb
Selenium	78-2	4.38	3.00	4.86	4.08	23.67	ppb
Silicon	28-1	746.17	765.88	777.57	763.21	2.08	ppb
Silver	107-1	0.11	0.10	0.11	0.11	4.79	ppb
Silver	109-1	0.09	0.10	0.09	0.09	5.21	ppb
Sodium	23-2	266.83	271.35	269.61	269.27	0.85	ppb
Strontium	86-1	165.21	165.25	168.59	166.35	1.17	ppb
Strontium	88-1	170.70	167.92	172.71	170.45	1.41	ppb
Sulfur	34-1	-1663.14	-1594.41	-1633.88	-1630.48		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.23	0.25	0.23	0.24	6.14	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	0.64	ppb
Tin	118-1	2.72	2.81	2.77	2.77	1.69	ppb
Titanium	47-1	812.37	835.53	835.62	827.84	1.62	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	1.01	0.98	0.99	2.42	ppb
Vanadium	51-2	193.26	195.75	196.18	195.06	0.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	240.14	241.16	241.81	241.04	0.35	ppb
Zirconium	90-1	12.28	12.44	12.54	12.42	1.06	ppb
Zirconium	91-1	12.59	12.56	12.93	12.69	1.62	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31414.80	31039.45	31229.75	31228.00	0.60	ppb
Antimony	121-1	1.69	1.69	1.67	1.68	0.78	ppb
Arsenic	75-2	114.89	115.41	113.92	114.74	0.66	ppb
Barium	135-1	587.30	582.18	605.32	591.60	2.05	ppb
Barium	137-1	589.13	584.21	606.00	593.11	1.93	ppb
Beryllium	9-1	1.74	1.54	1.47	1.58	8.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	2.08	1.90	1.95	5.58	ppb
Cadmium	106-1	1.99	1.91	1.63	1.84	10.18	ppb
Cadmium	111-1	1.09	1.10	1.06	1.08	1.72	ppb
Calcium	43-1	8079.78	7867.33	8073.23	8006.78	1.51	ppb
Calcium	44-1	7585.72	7477.43	7781.07	7614.74	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.66	107.46	110.18	108.77	1.26	ppb
Cobalt	59-2	52.31	51.63	52.87	52.27	1.19	ppb
Copper	63-2	172.04	167.59	169.91	169.85	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				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	131715.75	131397.56	135593.34	132902.21	1.76	ppb
Iron	57-2	128767.45	130525.78	130537.01	129943.41	0.78	ppb
Iron	54-2	133341.59	133355.92	132997.67	133231.73	0.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.60	53.92	52.41	53.31	1.49	ppb
Lead	207-1	53.73	53.13	52.43	53.09	1.23	ppb
Lead	208-1	52.99	53.27	52.53	52.93	0.71	ppb
Lithium	6-1				95		%
Magnesium	24-2	17258.11	16918.70	17331.77	17169.53	1.28	ppb
Manganese	55-2	6003.74	6012.57	6132.04	6049.45	1.18	ppb
Molybdenum	94-1	18.70	18.59	18.75	18.68	0.45	ppb
Molybdenum	95-1	1.42	1.46	1.57	1.48	5.18	ppb
Molybdenum	96-1	3.86	4.02	3.99	3.96	2.12	ppb
Molybdenum	97-1	1.40	1.49	1.41	1.43	3.17	ppb
Molybdenum	98-1	1.33	1.39	1.43	1.38	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.44	88.10	90.12	89.22	1.16	ppb
Phosphorus	31-2	1870.68	1860.06	1869.37	1866.70	0.31	ppb
Potassium	39-2	6767.95	6771.66	6877.84	6805.81	0.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.82	1.04	1.24	1.03	20.47	ppb
Selenium	77-2	14.30	11.82	11.35	12.49	12.69	ppb
Selenium	78-2	2.11	2.58	1.28	1.99	32.96	ppb
Silicon	28-1	1013.24	1021.68	1033.19	1022.70	0.98	ppb
Silver	107-1	0.23	0.23	0.26	0.24	6.30	ppb
Silver	109-1	0.23	0.26	0.24	0.24	5.19	ppb
Sodium	23-2	172.45	173.21	175.20	173.62	0.82	ppb
Strontium	86-1	70.90	71.60	69.64	70.71	1.40	ppb
Strontium	88-1	72.82	70.71	70.92	71.48	1.63	ppb
Sulfur	34-1	-1517.96	-1652.68	-1670.48	-1613.71		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.30	0.26	0.27	0.28	6.04	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	1.07	ppb
Tin	118-1	2.43	2.45	2.42	2.43	0.59	ppb
Titanium	47-1	804.66	827.08	834.32	822.02	1.88	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.73	0.72	0.73	1.82	ppb
Vanadium	51-2	235.25	231.52	235.18	233.98	0.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	230.54	227.00	230.42	229.32	0.88	ppb
Zirconium	90-1	10.16	10.39	10.50	10.35	1.64	ppb
Zirconium	91-1	10.30	10.95	10.49	10.58	3.17	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37259.32	36886.69	36572.76	36906.26	0.93	ppb
Antimony	121-1	0.67	0.72	0.73	0.71	4.66	ppb
Arsenic	75-2	48.97	48.37	47.78	48.37	1.22	ppb
Barium	135-1	272.19	279.27	279.89	277.12	1.54	ppb
Barium	137-1	286.74	295.21	299.29	293.75	2.18	ppb
Beryllium	9-1	1.65	1.81	1.80	1.75	5.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.20	1.38	1.25	9.39	ppb
Cadmium	106-1	1.63	1.67	0.89	1.40	31.46	ppb
Cadmium	111-1	0.64	0.65	0.58	0.62	6.03	ppb
Calcium	43-1	12595.10	12555.36	12678.37	12609.61	0.50	ppb
Calcium	44-1	11908.31	12056.61	12265.27	12076.73	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.92	45.04	44.00	44.65	1.27	ppb
Cobalt	59-2	33.97	33.72	33.13	33.61	1.28	ppb
Copper	63-2	88.86	88.46	88.07	88.46	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				97		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	77415.51	77009.34	76581.76	77002.20	0.54	ppb
Iron	57-2	76449.99	76214.30	75546.06	76070.12	0.62	ppb
Iron	54-2	77381.78	77111.02	77945.98	77479.60	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.36	32.91	33.21	33.16	0.68	ppb
Lead	207-1	32.22	31.74	32.07	32.01	0.76	ppb
Lead	208-1	32.60	32.18	32.26	32.35	0.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	16757.28	16732.97	16477.51	16655.92	0.93	ppb
Manganese	55-2	1556.79	1567.86	1553.25	1559.30	0.49	ppb
Molybdenum	94-1	16.03	16.14	15.82	16.00	1.02	ppb
Molybdenum	95-1	0.77	0.77	0.76	0.76	0.99	ppb
Molybdenum	96-1	2.71	2.77	2.82	2.77	1.94	ppb
Molybdenum	97-1	0.77	0.73	0.74	0.75	2.87	ppb
Molybdenum	98-1	0.74	0.76	0.73	0.74	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.00	40.90	40.57	40.82	0.54	ppb
Phosphorus	31-2	1986.05	2007.29	1955.53	1982.96	1.31	ppb
Potassium	39-2	7323.09	7581.88	7293.44	7399.47	2.14	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	1.11	0.97	1.06	1.05	7.07	ppb
Selenium	77-2	15.39	17.42	17.24	16.68	6.73	ppb
Selenium	78-2	4.48	2.70	2.73	3.30	30.82	ppb
Silicon	28-1	963.81	948.94	972.09	961.61	1.22	ppb
Silver	107-1	0.19	0.19	0.20	0.19	2.10	ppb
Silver	109-1	0.18	0.17	0.19	0.18	5.33	ppb
Sodium	23-2	156.12	157.30	157.84	157.09	0.56	ppb
Strontium	86-1	86.83	88.55	86.53	87.31	1.25	ppb
Strontium	88-1	87.20	88.91	87.07	87.73	1.17	ppb
Sulfur	34-1	-1864.19	-1935.27	-1926.40	-1908.62		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.21	0.20	0.20	2.66	ppb
Thallium	205-1	0.20	0.19	0.20	0.19	1.30	ppb
Tin	118-1	2.80	2.86	2.85	2.84	1.26	ppb
Titanium	47-1	780.79	789.49	778.29	782.86	0.75	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.71	0.73	0.73	1.36	ppb
Vanadium	51-2	134.61	134.92	132.29	133.94	1.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	199.09	198.60	194.10	197.26	1.39	ppb
Zirconium	90-1	9.16	9.39	9.22	9.26	1.32	ppb
Zirconium	91-1	9.52	9.51	9.30	9.44	1.33	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38147.45	37825.38	38445.33	38139.39	0.81	ppb
Antimony	121-1	20.28	20.41	20.04	20.24	0.93	ppb
Arsenic	75-2	187.15	185.09	190.81	187.68	1.54	ppb
Barium	135-1	339.22	343.33	345.23	342.59	0.90	ppb
Barium	137-1	353.22	358.14	361.04	357.47	1.11	ppb
Beryllium	9-1	1.27	1.25	1.24	1.26	1.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.50	2.65	2.57	2.83	ppb
Cadmium	106-1	2.25	1.91	1.96	2.04	9.03	ppb
Cadmium	111-1	1.42	1.33	1.41	1.38	3.65	ppb
Calcium	43-1	12583.70	12652.92	12853.33	12696.65	1.10	ppb
Calcium	44-1	11747.29	11708.89	11786.63	11747.60	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187.36	192.06	191.69	190.37	1.37	ppb
Cobalt	59-2	75.27	74.82	75.54	75.21	0.49	ppb
Copper	63-2	273.48	270.14	275.49	273.04	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	130838.19	132602.41	133464.16	132301.58	1.01	ppb
Iron	57-2	130370.07	127837.79	130609.79	129605.88	1.19	ppb
Iron	54-2	132467.79	132762.66	135458.13	133562.86	1.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.70	57.04	56.45	56.73	0.52	ppb
Lead	207-1	55.12	55.73	56.00	55.62	0.81	ppb
Lead	208-1	55.10	55.58	55.52	55.40	0.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	26824.86	26688.27	27024.78	26845.97	0.63	ppb
Manganese	55-2	2817.46	2868.60	2863.14	2849.73	0.99	ppb
Molybdenum	94-1	19.68	19.68	19.55	19.64	0.38	ppb
Molybdenum	95-1	3.27	3.33	3.32	3.31	0.92	ppb
Molybdenum	96-1	5.60	5.67	5.68	5.65	0.75	ppb
Molybdenum	97-1	3.36	3.28	3.26	3.30	1.69	ppb
Molybdenum	98-1	3.26	3.24	3.28	3.26	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.49	119.36	121.11	119.99	0.81	ppb
Phosphorus	31-2	1714.01	1677.84	1759.17	1717.01	2.37	ppb
Potassium	39-2	6252.13	6214.24	6299.06	6255.14	0.68	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.81	1.22	1.32	1.12	24.16	ppb
Selenium	77-2	12.12	9.27	11.94	11.11	14.36	ppb
Selenium	78-2	1.80	1.98	2.65	2.14	20.84	ppb
Silicon	28-1	596.62	608.11	605.99	603.58	1.01	ppb
Silver	107-1	0.35	0.38	0.36	0.37	3.73	ppb
Silver	109-1	0.37	0.36	0.36	0.37	1.74	ppb
Sodium	23-2	247.25	246.52	252.15	248.64	1.23	ppb
Strontium	86-1	56.13	55.43	55.36	55.64	0.77	ppb
Strontium	88-1	57.34	57.03	56.98	57.12	0.34	ppb
Sulfur	34-1	-1263.70	-1164.81	-1089.75	-1172.76		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.17	0.17	0.17	2.99	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	1.03	ppb
Tin	118-1	5.62	5.81	6.02	5.82	3.47	ppb
Titanium	47-1	1025.25	1046.48	1057.07	1042.93	1.55	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.62	0.61	1.89	ppb
Vanadium	51-2	279.56	278.39	277.19	278.38	0.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	483.52	478.98	487.97	483.49	0.93	ppb
Zirconium	90-1	10.12	10.16	10.14	10.14	0.24	ppb
Zirconium	91-1	10.11	9.93	10.18	10.07	1.25	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33077.91	33470.89	33259.50	33269.44	0.59	ppb
Antimony	121-1	20.20	19.86	20.37	20.15	1.29	ppb
Arsenic	75-2	153.29	155.19	155.53	154.67	0.78	ppb
Barium	135-1	341.80	344.15	344.71	343.55	0.45	ppb
Barium	137-1	365.27	369.89	364.69	366.62	0.78	ppb
Beryllium	9-1	1.21	1.19	1.23	1.21	1.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	1.82	2.28	2.04	11.28	ppb
Cadmium	106-1	2.50	2.33	2.17	2.33	7.13	ppb
Cadmium	111-1	1.09	0.98	0.96	1.01	6.91	ppb
Calcium	43-1	7036.38	6930.97	7214.48	7060.61	2.03	ppb
Calcium	44-1	6595.31	6559.93	6707.07	6620.77	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.47	120.67	120.89	120.67	0.18	ppb
Cobalt	59-2	62.43	63.03	63.66	63.04	0.98	ppb
Copper	63-2	221.27	217.75	219.67	219.57	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				100		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	130229.06	128740.29	129677.97	129549.11	0.58	ppb
Iron	57-2	127160.86	127146.53	127157.55	127154.98	0.01	ppb
Iron	54-2	130558.73	131287.58	130925.52	130923.94	0.28	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.25	116.84	119.60	118.90	1.53	ppb
Lead	207-1	114.72	112.64	114.01	113.79	0.93	ppb
Lead	208-1	123.97	123.94	124.14	124.02	0.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	22212.11	22044.07	22337.99	22198.06	0.66	ppb
Manganese	55-2	3059.40	3062.65	3078.30	3066.78	0.33	ppb
Molybdenum	94-1	12.85	13.58	13.24	13.22	2.73	ppb
Molybdenum	95-1	1.05	1.13	1.05	1.08	4.37	ppb
Molybdenum	96-1	3.00	3.10	3.08	3.06	1.61	ppb
Molybdenum	97-1	1.09	1.12	1.16	1.12	3.20	ppb
Molybdenum	98-1	0.98	1.06	1.02	1.02	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.92	130.34	130.32	130.19	0.18	ppb
Phosphorus	31-2	1777.21	1783.45	1782.31	1780.99	0.19	ppb
Potassium	39-2	6101.09	5994.33	6105.98	6067.13	1.04	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.79	1.09	1.04	0.97	16.46	ppb
Selenium	77-2	11.15	9.57	10.72	10.48	7.77	ppb
Selenium	78-2	1.56	2.20	2.22	1.99	18.65	ppb
Silicon	28-1	712.18	760.18	754.61	742.32	3.54	ppb
Silver	107-1	0.20	0.19	0.19	0.19	2.91	ppb
Silver	109-1	0.20	0.20	0.19	0.20	2.29	ppb
Sodium	23-2	133.38	134.32	133.85	133.85	0.35	ppb
Strontium	86-1	45.10	47.64	45.90	46.21	2.81	ppb
Strontium	88-1	46.14	46.90	47.66	46.90	1.62	ppb
Sulfur	34-1	-1632.31	-1556.50	-1464.34	-1551.05		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.17	0.17	0.17	1.76	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	1.08	ppb
Tin	118-1	2.03	2.03	2.00	2.02	0.92	ppb
Titanium	47-1	944.09	964.96	947.54	952.20	1.18	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.65	0.68	0.67	3.31	ppb
Vanadium	51-2	274.34	273.84	270.14	272.77	0.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	231.16	227.39	231.85	230.13	1.04	ppb
Zirconium	90-1	7.04	7.41	7.21	7.22	2.60	ppb
Zirconium	91-1	7.20	7.73	7.27	7.40	3.91	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32403.30	32727.39	32185.74	32438.81	0.84	ppb
Antimony	121-1	1.35	1.36	1.40	1.37	2.13	ppb
Arsenic	75-2	107.57	105.39	105.36	106.11	1.20	ppb
Barium	135-1	206.03	209.04	209.88	208.31	0.97	ppb
Barium	137-1	206.25	211.54	212.79	210.19	1.65	ppb
Beryllium	9-1	0.97	0.92	0.93	0.94	2.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.59	1.52	1.52	4.60	ppb
Cadmium	106-1	1.40	0.53	0.61	0.85	56.81	ppb
Cadmium	111-1	0.61	0.56	0.57	0.58	4.56	ppb
Calcium	43-1	7734.39	7794.96	7935.15	7821.50	1.32	ppb
Calcium	44-1	7482.52	7482.13	7455.25	7473.30	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.79	99.45	98.81	99.02	0.38	ppb
Cobalt	59-2	47.11	46.76	46.85	46.91	0.38	ppb
Copper	63-2	153.10	152.02	153.19	152.77	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	86798.61	85868.77	86179.94	86282.44	0.55	ppb
Iron	57-2	83915.39	85293.51	84410.26	84539.72	0.83	ppb
Iron	54-2	87423.28	86400.23	86526.91	86783.47	0.64	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.17	33.52	33.52	33.41	0.61	ppb
Lead	207-1	32.56	32.43	32.58	32.52	0.25	ppb
Lead	208-1	32.53	32.62	32.67	32.61	0.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	22084.88	22560.80	22344.34	22330.00	1.07	ppb
Manganese	55-2	1675.03	1670.33	1679.04	1674.80	0.26	ppb
Molybdenum	94-1	8.39	8.34	8.39	8.37	0.39	ppb
Molybdenum	95-1	0.69	0.70	0.72	0.70	1.82	ppb
Molybdenum	96-1	1.98	2.00	1.98	1.99	0.46	ppb
Molybdenum	97-1	0.70	0.71	0.71	0.71	0.84	ppb
Molybdenum	98-1	0.67	0.68	0.67	0.67	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.81	74.11	73.60	73.84	0.35	ppb
Phosphorus	31-2	1242.53	1255.57	1233.58	1243.90	0.89	ppb
Potassium	39-2	3780.93	3800.86	3725.58	3769.13	1.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.62	1.06	0.84	0.84	25.80	ppb
Selenium	77-2	7.60	9.34	8.89	8.61	10.51	ppb
Selenium	78-2	1.07	3.17	2.07	2.11	49.95	ppb
Silicon	28-1	984.62	987.72	988.69	987.01	0.22	ppb
Silver	107-1	0.11	0.12	0.12	0.12	5.59	ppb
Silver	109-1	0.11	0.11	0.13	0.12	9.53	ppb
Sodium	23-2	126.78	130.66	130.37	129.27	1.67	ppb
Strontium	86-1	43.40	43.85	43.66	43.64	0.51	ppb
Strontium	88-1	43.90	44.98	43.61	44.17	1.63	ppb
Sulfur	34-1	-1673.62	-1721.87	-1698.39	-1697.96		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.11	0.11	0.11	1.81	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	5.16	ppb
Tin	118-1	2.51	2.57	2.48	2.52	1.88	ppb
Titanium	47-1	913.77	906.61	909.68	910.02	0.39	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.49	0.50	0.49	1.92	ppb
Vanadium	51-2	193.08	194.97	193.52	193.86	0.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	151.17	154.85	153.64	153.22	1.22	ppb
Zirconium	90-1	4.66	4.70	4.68	4.68	0.38	ppb
Zirconium	91-1	4.91	4.73	4.80	4.81	1.98	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32433.55	33212.26	32789.02	32811.61	1.19	ppb
Antimony	121-1	1.03	1.07	1.10	1.07	3.37	ppb
Arsenic	75-2	165.89	169.97	169.50	168.45	1.32	ppb
Barium	135-1	264.41	268.30	270.51	267.74	1.15	ppb
Barium	137-1	264.07	290.16	270.36	274.87	4.95	ppb
Beryllium	9-1	1.02	1.07	1.08	1.06	3.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.85	2.00	2.12	1.99	6.71	ppb
Cadmium	106-1	1.65	1.65	1.42	1.57	8.57	ppb
Cadmium	111-1	0.46	0.49	0.47	0.47	3.29	ppb
Calcium	43-1	8890.91	8910.49	8927.77	8909.72	0.21	ppb
Calcium	44-1	8289.05	8392.00	8466.35	8382.47	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.30	108.20	109.33	108.28	0.94	ppb
Cobalt	59-2	55.97	56.76	57.14	56.62	1.06	ppb
Copper	63-2	149.44	151.74	152.04	151.07	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	108524.85	112181.31	109536.32	110080.83	1.72	ppb
Iron	57-2	107249.37	107953.97	107238.59	107480.64	0.38	ppb
Iron	54-2	110282.00	110340.35	111134.08	110585.48	0.43	ppb
Krypton	83-1						cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.75	20.03	19.73	19.84	0.85	ppb
Lead	207-1	18.38	18.66	18.30	18.45	1.02	ppb
Lead	208-1	18.78	19.19	19.06	19.01	1.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	19607.68	19843.30	19742.60	19731.19	0.60	ppb
Manganese	55-2	2305.46	2346.03	2317.35	2322.95	0.90	ppb
Molybdenum	94-1	6.11	6.04	6.29	6.15	2.14	ppb
Molybdenum	95-1	0.90	0.93	0.90	0.91	2.14	ppb
Molybdenum	96-1	2.09	2.00	2.03	2.04	2.22	ppb
Molybdenum	97-1	0.94	0.86	0.89	0.90	4.33	ppb
Molybdenum	98-1	0.83	0.86	0.88	0.86	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.64	82.33	81.79	81.92	0.44	ppb
Phosphorus	31-2	2347.28	2367.51	2352.51	2355.77	0.45	ppb
Potassium	39-2	4299.08	4329.71	4328.63	4319.14	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.54	1.03	0.91	0.83	30.37	ppb
Selenium	77-2	14.83	13.97	13.45	14.08	4.95	ppb
Selenium	78-2	1.79	2.39	1.38	1.86	27.43	ppb
Silicon	28-1	907.10	904.07	921.73	910.97	1.04	ppb
Silver	107-1	0.09	0.09	0.09	0.09	0.81	ppb
Silver	109-1	0.08	0.10	0.09	0.09	11.60	ppb
Sodium	23-2	114.41	117.05	117.24	116.23	1.36	ppb
Strontium	86-1	47.04	47.04	47.57	47.22	0.65	ppb
Strontium	88-1	47.54	47.67	48.78	48.00	1.42	ppb
Sulfur	34-1	-1563.39	-1687.03	-1672.02	-1640.81		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.53	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	5.81	ppb
Tin	118-1	2.07	2.07	2.07	2.07	0.19	ppb
Titanium	47-1	661.74	664.24	664.20	663.40	0.22	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.84	0.85	1.27	ppb
Vanadium	51-2	229.84	231.53	234.63	232.00	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	158.23	162.58	160.92	160.57	1.37	ppb
Zirconium	90-1	3.21	3.18	3.28	3.22	1.56	ppb
Zirconium	91-1	3.35	3.29	3.45	3.36	2.39	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18968.47	19142.04	19195.92	19102.14	0.62	ppb
Antimony	121-1	1.86	1.91	1.89	1.88	1.51	ppb
Arsenic	75-2	180.41	177.31	178.04	178.59	0.91	ppb
Barium	135-1	336.92	343.31	343.26	341.16	1.08	ppb
Barium	137-1	364.18	361.40	363.66	363.08	0.41	ppb
Beryllium	9-1	0.95	0.93	0.98	0.95	2.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.06	1.07	1.13	9.18	ppb
Cadmium	106-1	0.66	0.36	1.05	0.69	50.20	ppb
Cadmium	111-1	0.44	0.50	0.49	0.48	6.10	ppb
Calcium	43-1	7113.59	6998.21	7184.83	7098.88	1.33	ppb
Calcium	44-1	6821.54	6728.12	6740.06	6763.24	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.26	54.03	54.11	53.80	0.87	ppb
Cobalt	59-2	32.47	32.85	33.06	32.79	0.91	ppb
Copper	63-2	100.54	100.90	101.58	101.01	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	73124.73	73237.07	72790.90	73050.90	0.32	ppb
Iron	57-2	70231.46	71754.83	71454.40	71146.90	1.13	ppb
Iron	54-2	73440.13	72351.03	73323.55	73038.24	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.35	26.02	25.41	25.60	1.45	ppb
Lead	207-1	23.94	24.56	24.12	24.21	1.31	ppb
Lead	208-1	24.21	25.00	24.36	24.52	1.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	10594.85	10691.02	10589.40	10625.09	0.54	ppb
Manganese	55-2	2577.40	2586.81	2565.22	2576.48	0.42	ppb
Molybdenum	94-1	9.95	10.18	10.09	10.07	1.14	ppb
Molybdenum	95-1	1.24	1.24	1.28	1.26	1.59	ppb
Molybdenum	96-1	2.49	2.63	2.60	2.57	2.87	ppb
Molybdenum	97-1	1.20	1.25	1.27	1.24	3.00	ppb
Molybdenum	98-1	1.18	1.20	1.24	1.20	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.09	38.33	39.10	38.84	1.15	ppb
Phosphorus	31-2	1367.87	1368.73	1401.85	1379.48	1.40	ppb
Potassium	39-2	4655.70	4658.05	4670.94	4661.57	0.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.81	0.55	0.90	0.75	24.31	ppb
Selenium	77-2	8.23	9.37	12.56	10.05	22.35	ppb
Selenium	78-2	1.79	1.48	1.32	1.53	15.79	ppb
Silicon	28-1	569.18	548.00	547.91	555.03	2.21	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.93	ppb
Silver	109-1	0.08	0.08	0.09	0.08	9.16	ppb
Sodium	23-2	134.49	136.79	139.02	136.77	1.66	ppb
Strontium	86-1	51.40	51.39	51.12	51.31	0.31	ppb
Strontium	88-1	52.21	52.51	52.14	52.29	0.37	ppb
Sulfur	34-1	-1496.10	-1612.64	-1460.11	-1522.95		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.40	0.40	0.38	0.40	2.37	ppb
Thallium	205-1	0.38	0.39	0.38	0.38	1.81	ppb
Tin	118-1	1.86	1.93	1.89	1.89	1.84	ppb
Titanium	47-1	537.79	525.45	534.95	532.73	1.21	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.65	0.64	0.65	1.28	ppb
Vanadium	51-2	132.76	133.30	134.63	133.56	0.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	151.54	151.97	152.64	152.05	0.36	ppb
Zirconium	90-1	5.48	5.42	5.42	5.44	0.62	ppb
Zirconium	91-1	5.48	5.58	5.50	5.52	0.91	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86569.88	88519.93	86506.45	87198.75	1.31	ppb
Antimony	121-1	1.03	1.03	1.03	1.03	0.18	ppb
Arsenic	75-2	0.38	0.49	0.38	0.42	15.30	ppb
Barium	135-1	1.40	1.30	1.30	1.34	4.25	ppb
Barium	137-1	1.32	1.37	1.35	1.35	2.02	ppb
Beryllium	9-1	0.39	0.43	0.50	0.44	12.70	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.06	7.63	7.18	7.62	5.82	ppb
Cadmium	106-1	-0.95	-1.08	-0.89	-0.97		ppb
Cadmium	111-1	0.21	0.18	0.23	0.20	13.16	ppb
Calcium	43-1	97705.85	95595.43	94391.07	95897.45	1.75	ppb
Calcium	44-1	96579.74	97118.26	97037.84	96911.95	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.90	19.77	19.94	19.87	0.44	ppb
Cobalt	59-2	1.22	1.23	1.20	1.22	1.39	ppb
Copper	63-2	8.97	8.94	8.94	8.95	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				98		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	101900.95	101231.51	100843.36	101325.27	0.53	ppb
Iron	57-2	99236.15	99046.44	99575.32	99285.97	0.27	ppb
Iron	54-2	101578.42	101903.90	100964.28	101482.20	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.10	4.09	4.07	4.08	0.37	ppb
Lead	207-1	3.61	3.68	3.60	3.63	1.14	ppb
Lead	208-1	3.78	3.78	3.76	3.78	0.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	95080.19	96067.11	96103.00	95750.10	0.61	ppb
Manganese	55-2	7.85	7.77	7.89	7.83	0.80	ppb
Molybdenum	94-1	1454.40	1457.30	1452.58	1454.76	0.16	ppb
Molybdenum	95-1	1729.66	1754.92	1750.61	1745.06	0.77	ppb
Molybdenum	96-1	1712.80	1741.55	1748.50	1734.28	1.09	ppb
Molybdenum	97-1	1739.53	1779.99	1761.61	1760.37	1.15	ppb
Molybdenum	98-1	1724.25	1776.43	1747.42	1749.37	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.48	6.53	6.36	6.46	1.37	ppb
Phosphorus	31-2	93127.84	94802.47	94697.33	94209.21	1.00	ppb
Potassium	39-2	91435.38	91338.89	90294.06	91022.78	0.70	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.81	0.39	0.70	0.63	34.29	ppb
Selenium	77-2	0.41	0.27	0.11	0.26	58.92	ppb
Selenium	78-2	-1.13	0.40	-0.35	-0.36		ppb
Silicon	28-1	3.82	3.82	3.83	3.82	0.19	ppb
Silver	107-1	0.01	0.01	0.02	0.01	14.29	ppb
Silver	109-1	0.02	0.01	0.01	0.01	7.64	ppb
Sodium	23-2	97413.93	98775.46	97595.14	97928.18	0.75	ppb
Strontium	86-1	33.52	34.07	33.64	33.74	0.86	ppb
Strontium	88-1	33.25	33.94	34.09	33.76	1.33	ppb
Sulfur	34-1	97408.91	96216.19	96124.43	96583.18	0.74	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.00	0.00	50.36	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.12	0.13	0.16	0.14	14.22	ppb
Titanium	47-1	1813.52	1790.05	1818.59	1807.39	0.84	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.01	0.02	7.79	ppb
Vanadium	51-2	0.18	0.17	0.17	0.17	2.69	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	10.65	10.92	10.41	10.66	2.43	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	28.94	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	14.07	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88052.70	87684.20	87947.11	87894.67	0.22	ppb
Antimony	121-1	19.83	19.92	19.97	19.90	0.35	ppb
Arsenic	75-2	19.94	20.21	20.39	20.18	1.12	ppb
Barium	135-1	19.75	19.82	19.77	19.78	0.19	ppb
Barium	137-1	19.71	19.74	19.82	19.75	0.28	ppb
Beryllium	9-1	19.38	19.93	20.18	19.83	2.05	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.85	25.21	24.58	24.88	1.28	ppb
Cadmium	106-1	15.74	17.07	16.48	16.43	4.06	ppb
Cadmium	111-1	19.03	18.85	19.47	19.12	1.68	ppb
Calcium	43-1	96855.54	96480.65	97171.04	96835.75	0.36	ppb
Calcium	44-1	97136.62	97122.38	98703.40	97654.13	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.90	40.12	39.90	39.97	0.31	ppb
Cobalt	59-2	21.01	21.04	21.12	21.06	0.28	ppb
Copper	63-2	25.21	25.43	25.55	25.39	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				98		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	100407.49	101198.31	101144.73	100916.84	0.44	ppb
Iron	57-2	98892.32	100172.56	99297.90	99454.26	0.66	ppb
Iron	54-2	101527.17	101214.30	101880.33	101540.60	0.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.21	24.51	24.52	24.41	0.71	ppb
Lead	207-1	23.22	23.03	23.24	23.16	0.51	ppb
Lead	208-1	23.57	23.53	23.72	23.61	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	94779.90	94855.62	95533.46	95056.33	0.44	ppb
Manganese	55-2	27.07	27.34	27.48	27.30	0.77	ppb
Molybdenum	94-1	1455.25	1464.39	1436.87	1452.17	0.97	ppb
Molybdenum	95-1	1747.55	1760.94	1754.24	1754.24	0.38	ppb
Molybdenum	96-1	1726.05	1730.02	1743.38	1733.15	0.52	ppb
Molybdenum	97-1	1742.10	1766.65	1765.12	1757.96	0.78	ppb
Molybdenum	98-1	1722.74	1763.45	1755.68	1747.29	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.21	25.00	25.13	25.12	0.43	ppb
Phosphorus	31-2	96815.69	95577.83	96032.43	96141.99	0.65	ppb
Potassium	39-2	92487.63	93054.19	91809.16	92450.33	0.67	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	18.80	19.70	20.00	19.50	3.22	ppb
Selenium	77-2	17.15	21.07	21.67	19.96	12.31	ppb
Selenium	78-2	17.60	19.97	18.07	18.55	6.74	ppb
Silicon	28-1	3.66	3.89	4.04	3.87	4.95	ppb
Silver	107-1	18.26	18.18	18.63	18.36	1.32	ppb
Silver	109-1	18.07	18.14	18.34	18.18	0.75	ppb
Sodium	23-2	96875.19	97596.66	98481.15	97651.00	0.82	ppb
Strontium	86-1	33.39	34.03	34.12	33.85	1.17	ppb
Strontium	88-1	33.45	33.97	33.73	33.72	0.77	ppb
Sulfur	34-1	94644.71	96184.72	97062.98	95964.13	1.28	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	20.32	20.18	20.29	20.26	0.37	ppb
Thallium	205-1	20.46	20.07	20.46	20.33	1.10	ppb
Tin	118-1	0.12	0.13	0.14	0.13	11.24	ppb
Titanium	47-1	1781.75	1792.25	1818.44	1797.48	1.05	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.01	11.15	ppb
Vanadium	51-2	20.18	20.42	20.22	20.27	0.63	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	29.41	30.44	29.89	29.91	1.72	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	43.05	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	52.49	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48676.90	49410.58	48543.97	48877.15	0.95	ppb
Antimony	121-1	489.04	495.31	498.41	494.25	0.97	ppb
Arsenic	75-2	495.98	491.01	492.42	493.13	0.52	ppb
Barium	135-1	2490.08	2511.10	2553.31	2518.16	1.28	ppb
Barium	137-1	2524.12	2549.98	2510.98	2528.36	0.78	ppb
Beryllium	9-1	496.56	500.82	505.55	500.98	0.90	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.88	511.19	510.43	508.83	0.68	ppb
Cadmium	106-1	500.14	505.02	512.60	505.92	1.24	ppb
Cadmium	111-1	504.90	507.32	490.08	500.77	1.86	ppb
Calcium	43-1	251239.30	251593.74	248450.65	250427.90	0.69	ppb
Calcium	44-1	243688.60	250112.73	250993.02	248264.78	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.71	506.71	513.35	510.59	0.68	ppb
Cobalt	59-2	534.04	540.82	539.86	538.24	0.68	ppb
Copper	63-2	5294.70	5294.79	5310.29	5299.93	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	127932.47	128163.13	129321.54	128472.38	0.58	ppb
Iron	57-2	127393.54	127313.90	126651.64	127119.69	0.32	ppb
Iron	54-2	130537.72	128261.19	131347.93	130048.94	1.23	ppb
Krypton	83-1						cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2596.99	2527.05	2562.64	2562.23	1.36	ppb
Lead	207-1	2546.11	2501.53	2560.43	2536.03	1.21	ppb
Lead	208-1	2537.75	2527.31	2551.45	2538.84	0.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	241817.36	246680.16	242544.73	243680.75	1.08	ppb
Manganese	55-2	5033.79	5003.33	5103.90	5047.01	1.02	ppb
Molybdenum	94-1	5058.84	5126.74	5111.95	5099.18	0.70	ppb
Molybdenum	95-1	5014.12	5097.16	5143.98	5085.08	1.29	ppb
Molybdenum	96-1	4969.82	5040.59	5101.33	5037.24	1.31	ppb
Molybdenum	97-1	5014.81	5075.16	5086.71	5058.90	0.76	ppb
Molybdenum	98-1	5010.76	5095.94	5155.94	5087.54	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.14	520.88	522.41	522.47	0.31	ppb
Phosphorus	31-2	10108.07	10098.57	10124.41	10110.35	0.13	ppb
Potassium	39-2	119881.67	120467.47	121542.86	120630.67	0.70	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	82-1	480.84	486.61	487.39	484.94	0.74	ppb
Selenium	77-2	496.31	478.95	475.46	483.57	2.31	ppb
Selenium	78-2	494.76	475.66	483.35	484.59	1.98	ppb
Silicon	28-1	400.86	410.01	397.64	402.84	1.59	ppb
Silver	107-1	518.53	519.63	519.32	519.16	0.11	ppb
Silver	109-1	511.73	513.48	521.63	515.62	1.02	ppb
Sodium	23-2	249404.85	246593.69	250182.84	248727.13	0.76	ppb
Strontium	86-1	12438.32	12438.50	12733.94	12536.92	1.36	ppb
Strontium	88-1	12360.70	12456.04	12804.61	12540.45	1.86	ppb
Sulfur	34-1	8852.82	9111.09	8942.72	8968.88	1.46	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	519.77	504.89	515.01	513.22	1.48	ppb
Thallium	205-1	521.20	506.70	507.34	511.75	1.60	ppb
Tin	118-1	491.69	495.36	508.38	498.47	1.76	ppb
Titanium	47-1	5121.99	5083.51	4950.40	5051.96	1.78	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	535.44	532.83	530.90	533.06	0.43	ppb
Vanadium	51-2	517.45	513.50	515.20	515.38	0.38	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	5229.77	5239.07	5256.90	5241.91	0.26	ppb
Zirconium	90-1	507.29	513.46	506.68	509.14	0.74	ppb
Zirconium	91-1	504.84	510.06	521.86	512.25	1.70	ppb

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	1.57	1.98	1.78	11.47	ppb
Antimony	121-1	0.33	0.33	0.37	0.34	6.83	ppb
Arsenic	75-2	0.03	0.04	0.00	0.02	100.95	ppb
Barium	135-1	0.14	0.10	0.10	0.11	16.45	ppb
Barium	137-1	0.16	0.13	0.12	0.14	14.01	ppb
Beryllium	9-1	0.06	0.03	0.01	0.03	65.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.13	0.02	0.08	74.07	ppb
Cadmium	106-1	1.39	0.25	0.18	0.61	112.16	ppb
Cadmium	111-1	0.13	0.04	0.04	0.07	71.01	ppb
Calcium	43-1	12.41	6.13	8.57	9.04	35.00	ppb
Calcium	44-1	-7.87	-10.00	-11.19	-9.69		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.02	0.02	91.97	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	95.21	ppb
Copper	63-2	0.00	-0.06	-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				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	4.07	3.90	3.60	3.86	6.22	ppb
Iron	57-2	1.42	1.21	1.31	1.31	7.99	ppb
Iron	54-2	5.42	4.70	3.78	4.63	17.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.20	0.19	0.21	14.86	ppb
Lead	207-1	0.24	0.20	0.19	0.21	11.52	ppb
Lead	208-1	0.24	0.21	0.18	0.21	14.09	ppb
Lithium	6-1				112		%
Magnesium	24-2	6.74	6.19	5.94	6.29	6.53	ppb
Manganese	55-2	0.05	0.00	0.01	0.02	110.64	ppb
Molybdenum	94-1	0.45	0.43	0.39	0.42	7.69	ppb
Molybdenum	95-1	0.37	0.33	0.29	0.33	12.34	ppb
Molybdenum	96-1	0.40	0.33	0.33	0.35	12.18	ppb
Molybdenum	97-1	0.38	0.35	0.32	0.35	8.84	ppb
Molybdenum	98-1	0.38	0.34	0.31	0.35	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.00	0.01	187.66	ppb
Phosphorus	31-2	-16.75	-14.05	-15.65	-15.48		ppb
Potassium	39-2	4.71	5.71	1.95	4.12	47.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	-0.08	0.58	0.66	0.39	104.36	ppb
Selenium	77-2	-0.05	-0.05	0.11	0.00	2431.82	ppb
Selenium	78-2	-0.71	-0.96	-0.58	-0.75		ppb
Silicon	28-1	0.05	0.06	0.12	0.08	48.28	ppb
Silver	107-1	0.07	0.05	0.04	0.06	26.83	ppb
Silver	109-1	0.07	0.05	0.05	0.05	17.08	ppb
Sodium	23-2	18.50	16.31	14.81	16.54	11.24	ppb
Strontium	86-1	0.57	0.45	0.40	0.47	18.99	ppb
Strontium	88-1	0.59	0.47	0.38	0.48	22.22	ppb
Sulfur	34-1	-875.39	-797.62	-693.26	-788.76		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.04	0.06	19.38	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	21.14	ppb
Tin	118-1	0.07	0.10	0.11	0.09	22.18	ppb
Titanium	47-1	0.29	0.27	0.27	0.28	4.65	ppb

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	17.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	15.71	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.46	0.44	0.35	0.42	14.76	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	8.27	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	3.71	ppb

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	723	717	607	682	9.60	cps
Antimony	121-1	127	137	187	150	21.43	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	97	80	57	78	25.83	cps
Barium	137-1	123	113	97	111	12.13	cps
Beryllium	9-1	34	30	30	31	6.15	cps
Bismuth	209-1	9882932	9800308	9754543	9812594	0.66	cps
Bismuth	209-2	7793927	7865541	7690721	7783396	1.13	cps
Bromine	81-1	12082	12058	11708	11949	1.75	cps
Bromine	81-2	120	177	157	151	19.02	cps
Cadmium	108-1	13	13	10	12	15.73	cps
Cadmium	106-1	4758	4701	4674	4711	0.90	cps
Cadmium	111-1	3328	3298	3265	3297	0.95	cps
Calcium	43-1	533	627	550	570	8.73	cps
Calcium	44-1	56386	56787	56928	56701	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1597	1713	1587	1632	4.31	cps
Cobalt	59-2	283	130	177	197	39.97	cps
Copper	63-2	5541	5124	5054	5240	5.02	cps
Dysprosium	156-1	10	13	27	17	52.93	cps
Dysprosium	156-2	37	7	10	18	92.48	cps
Erbium	164-1	167	110	137	138	20.58	cps
Erbium	164-2	97	103	67	89	21.97	cps
Gadolinium	160-1	63	70	53	62	13.48	cps
Gadolinium	160-2	400	487	280	389	26.69	cps
Holmium	165-1	16465571	16327554	16373058	16388728	0.43	cps
Holmium	165-2	11156087	11534487	11250182	11313585	1.74	cps
Indium	115-1	14736238	14724713	14371698	14610883	1.42	cps
Indium	115-2	4880895	4899333	4839652	4873293	0.63	cps
Iron	56-2	36004	22123	21469	26532	30.94	cps
Iron	57-2	3014	2544	2557	2705	9.90	cps
Iron	54-2	2824	2677	2694	2731	2.94	cps
Krypton	83-1	377	393	327	366	9.49	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	527	527	440	498	10.05	cps
Lead	207-1	393	353	333	360	8.49	cps
Lead	208-1	1987	1887	1683	1852	8.35	cps
Lithium	6-1	2037214	2036571	2024250	2032678	0.36	cps
Magnesium	24-2	1683	1470	1393	1516	9.92	cps
Manganese	55-2	1207	1193	1067	1156	6.69	cps
Molybdenum	94-1	457	443	570	490	14.21	cps
Molybdenum	95-1	197	170	257	208	21.36	cps
Molybdenum	96-1	183	207	230	207	11.29	cps
Molybdenum	97-1	103	100	103	102	1.88	cps
Molybdenum	98-1	267	270	223	253	10.28	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	360	353	350	354	1.44	cps
Phosphorus	31-2	303	243	247	264	12.75	cps
Potassium	39-2	105526	106835	107318	106559	0.87	cps
Rhodium	103-1	14572929	14436815	14464045	14491263	0.50	cps
Rhodium	103-2	8828819	8856558	8710829	8798735	0.88	cps
Scandium	45-1	10751008	10909829	10629619	10763485	1.31	cps
Scandium	45-2	959526	967870	954369	960588	0.71	cps
Selenium	82-1	520	429	544	497	12.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	520	437	480	479	8.70	cps
Silicon	28-1	405608	403162	402225	403665	0.43	cps
Silver	107-1	150	143	130	141	7.22	cps
Silver	109-1	73	73	77	74	2.59	cps
Sodium	23-2	75983	75195	75319	75499	0.56	cps
Strontium	86-1	553	657	623	611	8.63	cps
Strontium	88-1	567	570	573	570	0.59	cps
Sulfur	34-1	374220	376188	378226	376211	0.53	cps
Terbium	159-1	17238994	17240797	17054097	17177963	0.62	cps
Terbium	159-2	11325648	11407572	11362376	11365198	0.36	cps
Thallium	203-1	127	143	133	134	6.24	cps
Thallium	205-1	423	370	403	399	6.75	cps
Tin	118-1	2100	2040	2027	2056	1.90	cps
Titanium	47-1	317	260	320	299	11.28	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	47	47	41	23.41	cps
Vanadium	51-2	17	20	23	20	16.65	cps
Yttrium	89-1	24320269	24204574	24099067	24207970	0.46	cps
Yttrium	89-2	5899726	5851032	5877001	5875920	0.41	cps
Zinc	66-2	2720	2580	2680	2660	2.71	cps
Zirconium	90-1	973	1200	1023	1066	11.18	cps
Zirconium	91-1	230	230	177	212	14.51	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8176	8256	8332	8255	0.95	cps
Antimony	121-1	25232	25840	24781	25284	2.10	cps
Arsenic	75-2	867	813	897	859	4.91	cps
Barium	135-1	30102	30476	31057	30545	1.58	cps
Barium	137-1	53155	53269	53162	53196	0.12	cps
Beryllium	9-1	2553	2540	2413	2502	3.08	cps
Bismuth	209-1	10090261	9966887	9938583	9998577	0.81	cps
Bismuth	209-2	7792346	8006085	7723645	7840692	1.88	cps
Bromine	81-1	11311	11638	11628	11526	1.61	cps
Bromine	81-2	87	107	73	89	18.88	cps
Cadmium	108-1	303	263	200	256	20.39	cps
Cadmium	106-1	5021	5121	5038	5060	1.06	cps
Cadmium	111-1	6749	6987	6843	6860	1.75	cps
Calcium	43-1	24380	24573	25037	24663	1.37	cps
Calcium	44-1	444831	451039	450506	448792	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15705	16436	15675	15939	2.70	cps
Cobalt	59-2	11685	11344	11414	11481	1.56	cps
Copper	63-2	17837	17857	18091	17929	0.79	cps
Dysprosium	156-1	43	23	43	37	31.49	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	137	137	90	121	22.25	cps
Erbium	164-2	70	53	90	71	25.82	cps
Gadolinium	160-1	97	70	87	84	15.95	cps
Gadolinium	160-2	387	360	250	332	21.81	cps
Holmium	165-1	16696881	16473730	16527850	16566154	0.70	cps
Holmium	165-2	11270141	11186435	11357030	11271202	0.76	cps
Indium	115-1	14809194	14904222	14899626	14871014	0.36	cps
Indium	115-2	4981199	4931825	4854366	4922463	1.30	cps
Iron	56-2	340939	335668	336237	337615	0.86	cps
Iron	57-2	10781	10677	10550	10669	1.08	cps
Iron	54-2	20354	20491	20404	20416	0.34	cps
Krypton	83-1	373	397	307	359	13.02	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8703	8763	8753	8740	0.37	cps
Lead	207-1	7892	7659	7779	7777	1.50	cps
Lead	208-1	35135	35282	34954	35124	0.47	cps
Lithium	6-1	2076095	2098080	2068059	2080745	0.75	cps
Magnesium	24-2	372531	369433	373169	371711	0.54	cps
Manganese	55-2	6335	6215	6431	6327	1.72	cps
Molybdenum	94-1	29807	29319	29546	29558	0.83	cps
Molybdenum	95-1	35209	36248	36459	35972	1.86	cps
Molybdenum	96-1	39861	40620	39988	40156	1.01	cps
Molybdenum	97-1	22330	22574	22754	22553	0.94	cps
Molybdenum	98-1	56894	57496	56522	56971	0.86	cps
Neodymium	150-1	30	17	13	20	44.10	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	3284	3320	3290	3298	0.59	cps
Phosphorus	31-2	967	903	1047	972	7.39	cps
Potassium	39-2	541060	536316	535401	537592	0.57	cps
Rhodium	103-1	14526154	14582229	14501065	14536483	0.29	cps
Rhodium	103-2	8687968	8939511	8838241	8821907	1.43	cps
Scandium	45-1	10811521	10860682	10780619	10817607	0.37	cps
Scandium	45-2	962490	957320	957112	958974	0.32	cps
Selenium	82-1	1819	1797	1930	1848	3.86	cps
Selenium	77-2	103	127	130	120	12.11	cps
Selenium	78-2	863	927	823	871	5.98	cps
Silicon	28-1	451799	451029	454918	452582	0.46	cps
Silver	107-1	16553	16299	16590	16481	0.96	cps
Silver	109-1	15081	15468	15285	15278	1.27	cps
Sodium	23-2	685494	681243	680154	682297	0.41	cps
Strontium	86-1	5514	5424	5451	5463	0.85	cps
Strontium	88-1	42515	42227	43143	42628	1.10	cps
Sulfur	34-1	380680	382944	381419	381681	0.30	cps
Terbium	159-1	17367091	17291251	17395313	17351218	0.31	cps
Terbium	159-2	11403666	11475657	11437596	11438973	0.31	cps
Thallium	203-1	9690	9780	9837	9769	0.76	cps
Thallium	205-1	24071	23494	23434	23666	1.49	cps
Tin	118-1	53720	54850	54824	54465	1.18	cps
Titanium	47-1	11107	11598	11645	11450	2.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28835	28928	29222	28995	0.70	cps
Vanadium	51-2	31910	32188	31914	32004	0.50	cps
Yttrium	89-1	25010544	24451843	23842718	24435035	2.39	cps
Yttrium	89-2	6029800	5901976	5915441	5949072	1.18	cps
Zinc	66-2	9980	10167	9466	9871	3.67	cps
Zirconium	90-1	26394	25819	26347	26187	1.22	cps
Zirconium	91-1	5528	5564	5841	5644	3.04	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422959	414534	427081	421525	1.52	cps
Antimony	121-1	648341	655024	662544	655303	1.08	cps
Arsenic	75-2	41926	42026	41618	41857	0.51	cps
Barium	135-1	820865	833862	813183	822637	1.27	cps
Barium	137-1	1413448	1420242	1411689	1415126	0.32	cps
Beryllium	9-1	138311	140134	138864	139103	0.67	cps
Bismuth	209-1	10023371	9941538	9968303	9977737	0.42	cps
Bismuth	209-2	7853138	7965314	7815676	7878043	0.99	cps
Bromine	81-1	11448	11595	11304	11449	1.27	cps
Bromine	81-2	137	130	170	146	14.72	cps
Cadmium	108-1	13119	13393	13800	13437	2.55	cps
Cadmium	106-1	23820	23295	24047	23721	1.62	cps
Cadmium	111-1	180524	182895	182289	181903	0.68	cps
Calcium	43-1	284858	287774	293515	288715	1.53	cps
Calcium	44-1	4179281	4226572	4228963	4211605	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372063	373804	369016	371628	0.65	cps
Cobalt	59-2	558253	559337	548859	555483	1.04	cps
Copper	63-2	4187388	4029770	4108405	4108521	1.92	cps
Dysprosium	156-1	40	30	40	37	15.75	cps
Dysprosium	156-2	57	53	57	56	3.47	cps
Erbium	164-1	100	117	120	112	9.55	cps
Erbium	164-2	97	73	90	87	13.87	cps
Gadolinium	160-1	120	80	80	93	24.74	cps
Gadolinium	160-2	393	383	363	380	4.02	cps
Holmium	165-1	16808896	16758817	16389662	16652458	1.37	cps
Holmium	165-2	11607289	11315472	11256205	11392989	1.65	cps
Indium	115-1	14793001	14520062	14448121	14587061	1.25	cps
Indium	115-2	4877220	4836525	4735825	4816523	1.51	cps
Iron	56-2	15288228	15360129	15592408	15413588	1.03	cps
Iron	57-2	407709	403148	399561	403472	1.01	cps
Iron	54-2	888310	891291	905126	894909	1.00	cps
Krypton	83-1	380	307	453	380	19.30	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2331187	2359945	2347842	2346325	0.62	cps
Lead	207-1	2038935	2071624	2087442	2066000	1.20	cps
Lead	208-1	9370406	9414869	9495393	9426889	0.67	cps
Lithium	6-1	2088255	2146089	2138096	2124147	1.48	cps
Magnesium	24-2	3477776	3407077	3419153	3434669	1.10	cps
Manganese	55-2	2515229	2498885	2518371	2510829	0.42	cps
Molybdenum	94-1	2839772	2856161	2843902	2846612	0.30	cps
Molybdenum	95-1	4137311	4171796	4185514	4164874	0.60	cps
Molybdenum	96-1	4524345	4543383	4561486	4543071	0.41	cps
Molybdenum	97-1	2558631	2571268	2596116	2575338	0.74	cps
Molybdenum	98-1	6540847	6596805	6597084	6578245	0.49	cps
Neodymium	150-1	53	37	37	42	22.78	cps
Neodymium	150-2	17	3	20	13	66.16	cps
Nickel	60-2	143142	142442	145115	143566	0.97	cps
Phosphorus	31-2	22777	22263	21822	22287	2.14	cps
Potassium	39-2	2244119	2216518	2176054	2212230	1.55	cps
Rhodium	103-1	14667146	14576579	14517821	14587182	0.52	cps
Rhodium	103-2	8811783	8818836	8601348	8743989	1.41	cps
Scandium	45-1	10897398	10909282	10530287	10778989	2.00	cps
Scandium	45-2	942238	942191	942099	942176	0.01	cps
Selenium	82-1	14166	14274	14164	14201	0.45	cps
Selenium	77-2	1210	1333	1240	1261	5.10	cps
Selenium	78-2	4567	4464	4484	4505	1.22	cps
Silicon	28-1	2396974	2398013	2434836	2409941	0.89	cps
Silver	107-1	892797	911122	907147	903689	1.07	cps
Silver	109-1	834279	850303	858762	847781	1.47	cps
Sodium	23-2	6111105	6149383	6087613	6116034	0.51	cps
Strontium	86-1	6318018	6264003	6220958	6267660	0.78	cps
Strontium	88-1	54634561	54729829	54763716	54709369	0.12	cps
Sulfur	34-1	456050	457069	454468	455863	0.29	cps
Terbium	159-1	17398393	17233286	16977431	17203037	1.23	cps
Terbium	159-2	11308073	11239030	11134254	11227119	0.78	cps
Thallium	203-1	514383	518689	523274	518782	0.86	cps
Thallium	205-1	1223277	1226972	1237518	1229256	0.60	cps
Tin	118-1	557331	564774	560582	560896	0.67	cps
Titanium	47-1	1257915	1245040	1237154	1246703	0.84	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1518440	1760602	1766066	1681703	8.41	cps
Vanadium	51-2	328222	324673	328343	327079	0.64	cps
Yttrium	89-1	24412473	24339522	24210050	24320682	0.42	cps
Yttrium	89-2	5890320	5826873	5821461	5846218	0.65	cps
Zinc	66-2	626576	623975	617269	622607	0.77	cps
Zirconium	90-1	1310378	1303485	1328544	1314136	0.99	cps
Zirconium	91-1	290042	292075	292309	291475	0.43	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979650	974800	978443	977631	0.26	cps
Antimony	121-1	1694072	1723277	1704043	1707131	0.87	cps
Arsenic	75-2	103484	103132	103914	103510	0.38	cps
Barium	135-1	2112843	2152504	2109715	2125021	1.12	cps
Barium	137-1	3754517	3716875	3785527	3752306	0.92	cps
Beryllium	9-1	349614	352233	355338	352395	0.81	cps
Bismuth	209-1	10140355	9885845	9907344	9977848	1.41	cps
Bismuth	209-2	7709660	7952661	7768870	7810397	1.62	cps
Bromine	81-1	11104	10841	11338	11094	2.24	cps
Bromine	81-2	93	73	87	84	12.06	cps
Cadmium	108-1	32967	32901	32443	32770	0.87	cps
Cadmium	106-1	52113	51742	51889	51915	0.36	cps
Cadmium	111-1	440949	443067	446300	443438	0.61	cps
Calcium	43-1	705453	707260	707692	706802	0.17	cps
Calcium	44-1	10244751	10305739	10161258	10237249	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	901522	903787	896050	900453	0.44	cps
Cobalt	59-2	1355836	1354025	1350083	1353315	0.22	cps
Copper	63-2	9899114	9751742	9886412	9845756	0.83	cps
Dysprosium	156-1	47	40	30	39	21.57	cps
Dysprosium	156-2	73	130	100	101	28.04	cps
Erbium	164-1	177	150	180	169	9.74	cps
Erbium	164-2	77	87	73	79	8.80	cps
Gadolinium	160-1	123	67	103	98	29.39	cps
Gadolinium	160-2	367	363	367	366	0.53	cps
Holmium	165-1	16698311	16588832	16690381	16659175	0.37	cps
Holmium	165-2	11358612	11518875	11337585	11405024	0.87	cps
Indium	115-1	14934009	14414830	14443378	14597406	2.00	cps
Indium	115-2	4803244	4727592	4744091	4758309	0.84	cps
Iron	56-2	37582070	37587038	38127285	37765464	0.83	cps
Iron	57-2	980767	973089	976437	976764	0.39	cps
Iron	54-2	2135434	2081869	2114303	2110535	1.28	cps
Krypton	83-1	380	303	380	354	12.49	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5884034	5842883	5887397	5871438	0.42	cps
Lead	207-1	5232644	5153540	5166910	5184365	0.82	cps
Lead	208-1	23608864	23493853	23565230	23555982	0.25	cps
Lithium	6-1	2300971	2181960	2228823	2237251	2.68	cps
Magnesium	24-2	8438149	8412319	8386774	8412414	0.31	cps
Manganese	55-2	6232046	6129449	6287175	6216223	1.29	cps
Molybdenum	94-1	7125834	7076454	7014308	7072199	0.79	cps
Molybdenum	95-1	10287200	10257042	10365314	10303185	0.54	cps
Molybdenum	96-1	11410328	11185008	11331206	11308847	1.01	cps
Molybdenum	97-1	6412677	6323101	6425610	6387129	0.87	cps
Molybdenum	98-1	16254491	16176512	16237696	16222900	0.25	cps
Neodymium	150-1	87	100	83	90	9.80	cps
Neodymium	150-2	17	27	43	29	46.62	cps
Nickel	60-2	350332	347164	349375	348957	0.47	cps
Phosphorus	31-2	54172	53931	54262	54122	0.32	cps
Potassium	39-2	5239535	5216914	5191918	5216123	0.46	cps
Rhodium	103-1	14275945	14132041	14274173	14227386	0.58	cps
Rhodium	103-2	8664879	8666686	8503237	8611601	1.09	cps
Scandium	45-1	10697292	10565085	10518474	10593617	0.88	cps
Scandium	45-2	930227	925174	927415	927605	0.27	cps
Selenium	82-1	33687	33928	33961	33859	0.44	cps
Selenium	77-2	3007	2874	2937	2939	2.27	cps
Selenium	78-2	10147	10077	10107	10110	0.35	cps
Silicon	28-1	4845902	4840716	4895124	4860580	0.62	cps
Silver	107-1	2260987	2266791	2334264	2287347	1.78	cps
Silver	109-1	2145404	2150613	2137853	2144623	0.30	cps
Sodium	23-2	14861194	14667433	14947567	14825398	0.97	cps
Strontium	86-1	15322771	15417466	15750450	15496896	1.45	cps
Strontium	88-1	134733061	137007818	134553448	135431442	1.01	cps
Sulfur	34-1	552678	549654	546984	549772	0.52	cps
Terbium	159-1	17330983	17295400	17404683	17343689	0.32	cps
Terbium	159-2	11598459	11486191	11251573	11445408	1.55	cps
Thallium	203-1	1287133	1290130	1305602	1294289	0.77	cps
Thallium	205-1	3414470	3516270	3466083	3465608	1.47	cps
Tin	118-1	1384167	1388432	1400176	1390925	0.60	cps
Titanium	47-1	3070574	3143582	3068973	3094376	1.38	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4412578	4413359	4423351	4416429	0.14	cps
Vanadium	51-2	807726	802215	805681	805207	0.35	cps
Yttrium	89-1	24347102	24077190	23888216	24104169	0.96	cps
Yttrium	89-2	5827981	5787830	5747547	5787786	0.69	cps
Zinc	66-2	1500832	1512772	1505574	1506393	0.40	cps
Zirconium	90-1	3268038	3303121	3225642	3265600	1.19	cps
Zirconium	91-1	718753	716458	722295	719169	0.41	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1919471	1846219	1877745	1881145	1.95	cps
Antimony	121-1	3334876	3453480	3417504	3401953	1.79	cps
Arsenic	75-2	202739	202300	200991	202010	0.45	cps
Barium	135-1	4247589	4304872	4271265	4274575	0.67	cps
Barium	137-1	7317654	7449190	7321450	7362765	1.02	cps
Beryllium	9-1	690019	701733	691361	694371	0.92	cps
Bismuth	209-1	9893192	10052799	9879956	9941982	0.97	cps
Bismuth	209-2	8035992	7759213	7800338	7865181	1.90	cps
Bromine	81-1	10657	11064	11124	10949	2.32	cps
Bromine	81-2	107	113	83	101	15.58	cps
Cadmium	108-1	63763	65762	65149	64891	1.58	cps
Cadmium	106-1	96961	97438	96841	97080	0.33	cps
Cadmium	111-1	869735	873956	876818	873503	0.41	cps
Calcium	43-1	1365962	1354065	1353725	1357917	0.51	cps
Calcium	44-1	20430795	20676722	20388637	20498718	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1752837	1688324	1775443	1738868	2.60	cps
Cobalt	59-2	2679103	2789572	2679860	2716178	2.34	cps
Copper	63-2	20109247	19236287	19577397	19640977	2.24	cps
Dysprosium	156-1	70	100	90	87	17.63	cps
Dysprosium	156-2	183	153	170	169	8.90	cps
Erbium	164-1	173	157	157	162	5.93	cps
Erbium	164-2	120	110	97	109	10.75	cps
Gadolinium	160-1	117	117	113	116	1.66	cps
Gadolinium	160-2	430	323	347	367	15.29	cps
Holmium	165-1	16619295	16648271	16689809	16652458	0.21	cps
Holmium	165-2	11845767	11524822	11338672	11569754	2.22	cps
Indium	115-1	14504891	14605262	14565795	14558650	0.35	cps
Indium	115-2	4829601	4713517	4569650	4704256	2.77	cps
Iron	56-2	75593229	75153422	73075542	74607398	1.80	cps
Iron	57-2	1866838	1901589	1828564	1865664	1.96	cps
Iron	54-2	4187257	4107099	4101288	4131881	1.16	cps
Krypton	83-1	360	390	353	368	5.31	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11706383	11780853	11760925	11749387	0.33	cps
Lead	207-1	10339927	10540237	10390214	10423459	1.00	cps
Lead	208-1	46730403	47499604	47452501	47227503	0.91	cps
Lithium	6-1	2200281	2344073	2228512	2257622	3.37	cps
Magnesium	24-2	16650810	16339045	16321334	16437063	1.13	cps
Manganese	55-2	12340647	12114096	12047204	12167316	1.26	cps
Molybdenum	94-1	14158752	14329991	14263405	14250716	0.61	cps
Molybdenum	95-1	20619586	20639877	20569548	20609670	0.18	cps
Molybdenum	96-1	22593071	22589641	22486655	22556455	0.27	cps
Molybdenum	97-1	12698227	12909777	12728507	12778837	0.90	cps
Molybdenum	98-1	32372635	32418120	32548490	32446415	0.28	cps
Neodymium	150-1	180	167	180	176	4.38	cps
Neodymium	150-2	40	23	43	36	30.14	cps
Nickel	60-2	680513	687605	688372	685497	0.63	cps
Phosphorus	31-2	105040	105564	103668	104758	0.93	cps
Potassium	39-2	10030903	10099184	10258530	10129539	1.15	cps
Rhodium	103-1	14058089	14143534	14093372	14098331	0.30	cps
Rhodium	103-2	8806449	8364859	8526098	8565802	2.61	cps
Scandium	45-1	10712414	10547693	10517409	10592505	0.99	cps
Scandium	45-2	946496	916510	920144	927716	1.76	cps
Selenium	82-1	66603	66699	67129	66810	0.42	cps
Selenium	77-2	5768	5508	5991	5756	4.20	cps
Selenium	78-2	20244	19339	19423	19669	2.54	cps
Silicon	28-1	9733107	9789567	9834710	9785795	0.52	cps
Silver	107-1	4519671	4601367	4563228	4561422	0.90	cps
Silver	109-1	4289171	4314544	4273112	4292276	0.49	cps
Sodium	23-2	29524133	28882743	28479297	28962058	1.82	cps
Strontium	86-1	31247260	30981494	30481331	30903362	1.26	cps
Strontium	88-1	270973723	269793843	265866169	268877912	0.99	cps
Sulfur	34-1	711581	707984	700155	706573	0.83	cps
Terbium	159-1	17456996	17538149	17203281	17399475	1.00	cps
Terbium	159-2	11440619	11088626	11210113	11246453	1.59	cps
Thallium	203-1	2919114	2874032	2948058	2913735	1.28	cps
Thallium	205-1	6895285	6910477	6873198	6892986	0.27	cps
Tin	118-1	2856412	2942343	2914880	2904545	1.51	cps
Titanium	47-1	6062303	6123083	6099494	6094960	0.50	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8829186	8949127	8800156	8859490	0.89	cps
Vanadium	51-2	1563503	1550718	1539839	1551353	0.76	cps
Yttrium	89-1	24399285	24493804	24526913	24473334	0.27	cps
Yttrium	89-2	5964266	5672379	5789818	5808821	2.53	cps
Zinc	66-2	3111498	2973384	3010803	3031895	2.36	cps
Zirconium	90-1	6394699	6488297	6559989	6480995	1.28	cps
Zirconium	91-1	1407666	1441804	1436164	1428545	1.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3769925	3727042	3714922	3737297	0.77	cps
Antimony	121-1	6694052	6753145	6800160	6749119	0.79	cps
Arsenic	75-2	404821	406927	402988	404912	0.49	cps
Barium	135-1	8607091	8521636	8736214	8621647	1.25	cps
Barium	137-1	14572830	15122245	14804635	14833236	1.86	cps
Beryllium	9-1	1289662	1301969	1303511	1298381	0.58	cps
Bismuth	209-1	9641783	9692814	9865054	9733217	1.20	cps
Bismuth	209-2	7686704	7832471	7691428	7736868	1.07	cps
Bromine	81-1	10921	10801	10704	10809	1.00	cps
Bromine	81-2	113	83	87	94	17.41	cps
Cadmium	108-1	126846	128120	129660	128209	1.10	cps
Cadmium	106-1	184516	188013	189373	187301	1.34	cps
Cadmium	111-1	1742630	1779974	1791428	1771344	1.44	cps
Calcium	43-1	2694535	2713392	2739220	2715716	0.83	cps
Calcium	44-1	39427551	40226284	39911857	39855231	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3488106	3489514	3471396	3483005	0.29	cps
Cobalt	59-2	5387151	5331448	5284301	5334300	0.97	cps
Copper	63-2	38199020	37926591	38041574	38055728	0.36	cps
Dysprosium	156-1	193	110	150	151	27.58	cps
Dysprosium	156-2	297	380	373	350	13.23	cps
Erbium	164-1	190	197	177	188	5.42	cps
Erbium	164-2	130	133	147	137	6.45	cps
Gadolinium	160-1	117	170	130	139	19.98	cps
Gadolinium	160-2	423	383	353	387	9.08	cps
Holmium	165-1	16693202	16498645	16808495	16666781	0.94	cps
Holmium	165-2	11240746	11328283	11379048	11316025	0.62	cps
Indium	115-1	14209293	14070118	14335223	14204878	0.93	cps
Indium	115-2	4644113	4591546	4712211	4649290	1.30	cps
Iron	56-2	149370081	146022471	148042421	147811658	1.14	cps
Iron	57-2	3683748	3667647	3690832	3680743	0.32	cps
Iron	54-2	8203869	8293063	8156404	8217778	0.84	cps
Krypton	83-1	343	360	433	379	12.64	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23204400	23101040	23464655	23256698	0.81	cps
Lead	207-1	20222169	20458556	20540431	20407052	0.81	cps
Lead	208-1	91912151	93131114	93686354	92909873	0.98	cps
Lithium	6-1	2190649	2297896	2353116	2280553	3.62	cps
Magnesium	24-2	33051379	32961267	32803496	32938714	0.38	cps
Manganese	55-2	24511838	24006731	24381150	24299907	1.08	cps
Molybdenum	94-1	28034922	28534450	28340130	28303167	0.89	cps
Molybdenum	95-1	40304796	41423562	41263629	40997329	1.48	cps
Molybdenum	96-1	43716481	45607753	45377374	44900536	2.30	cps
Molybdenum	97-1	25056347	25461265	25681432	25399681	1.25	cps
Molybdenum	98-1	64940542	64761074	64984867	64895495	0.18	cps
Neodymium	150-1	240	337	323	300	17.46	cps
Neodymium	150-2	67	53	87	69	24.36	cps
Nickel	60-2	1333313	1334720	1316743	1328259	0.75	cps
Phosphorus	31-2	208882	206142	204912	206646	0.98	cps
Potassium	39-2	20175221	20083819	19938592	20065877	0.59	cps
Rhodium	103-1	13991470	14024911	13946766	13987716	0.28	cps
Rhodium	103-2	8461357	8374176	8316891	8384141	0.87	cps
Scandium	45-1	10187996	10338674	10454542	10327071	1.29	cps
Scandium	45-2	917579	910451	901200	909743	0.90	cps
Selenium	82-1	128357	130086	130598	129680	0.91	cps
Selenium	77-2	11571	11478	12182	11744	3.26	cps
Selenium	78-2	38156	38102	38139	38132	0.07	cps
Silicon	28-1	18866286	18988101	19432816	19095734	1.56	cps
Silver	107-1	8821190	8865944	9087210	8924781	1.60	cps
Silver	109-1	8313764	8401766	8544191	8419907	1.38	cps
Sodium	23-2	58556692	58465802	58150329	58390941	0.37	cps
Strontium	86-1	59781906	61034276	62142469	60986217	1.94	cps
Strontium	88-1	530916885	534352245	543534685	536267939	1.22	cps
Sulfur	34-1	1026751	1035448	1036194	1032797	0.51	cps
Terbium	159-1	17375127	17337273	17497498	17403299	0.48	cps
Terbium	159-2	11625779	11558764	11410520	11531688	0.96	cps
Thallium	203-1	5800205	5787961	5912233	5833466	1.17	cps
Thallium	205-1	13677957	13778876	13742477	13733104	0.37	cps
Tin	118-1	5679390	5659687	5737803	5692293	0.71	cps
Titanium	47-1	11811210	12135473	11948809	11965164	1.36	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17693569	17647578	17964104	17768417	0.96	cps
Vanadium	51-2	3073623	3066371	3109784	3083259	0.75	cps
Yttrium	89-1	24224414	24540915	23985800	24250376	1.15	cps
Yttrium	89-2	5702163	5801979	5553456	5685866	2.20	cps
Zinc	66-2	5867975	5813214	5748390	5809860	1.03	cps
Zirconium	90-1	12947858	13018265	13004589	12990237	0.29	cps
Zirconium	91-1	2840115	2838910	2905347	2861458	1.33	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7476922	7376884	7418119	7423975	0.68	cps
Antimony	121-1	13082039	13469876	13227457	13259790	1.48	cps
Arsenic	75-2	785313	786111	786199	785875	0.06	cps
Barium	135-1	16956969	16647761	16969499	16858076	1.08	cps
Barium	137-1	28997431	28851340	29033930	28960900	0.33	cps
Beryllium	9-1	2498402	2514455	2474129	2495662	0.81	cps
Bismuth	209-1	9767134	9609774	9597204	9658037	0.98	cps
Bismuth	209-2	7535317	7452298	7529990	7505868	0.62	cps
Bromine	81-1	11301	11061	10731	11031	2.60	cps
Bromine	81-2	160	123	140	141	13.01	cps
Cadmium	108-1	243123	247696	248167	246328	1.13	cps
Cadmium	106-1	355211	357073	356147	356144	0.26	cps
Cadmium	111-1	3409667	3475957	3428715	3438113	0.99	cps
Calcium	43-1	5220491	5397554	5272226	5296757	1.72	cps
Calcium	44-1	78066716	82326747	80128159	80173874	2.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6818268	6859953	6866371	6848197	0.38	cps
Cobalt	59-2	10308120	10288521	10306376	10301006	0.11	cps
Copper	63-2	72851574	73709162	73412211	73324316	0.59	cps
Dysprosium	156-1	263	260	217	247	10.56	cps
Dysprosium	156-2	627	673	597	632	6.11	cps
Erbium	164-1	277	210	283	257	15.80	cps
Erbium	164-2	147	157	180	161	10.62	cps
Gadolinium	160-1	177	243	173	198	19.97	cps
Gadolinium	160-2	370	553	313	412	30.43	cps
Holmium	165-1	16583494	16663540	16607438	16618157	0.25	cps
Holmium	165-2	11514243	11366885	11427868	11436332	0.65	cps
Indium	115-1	13917080	14062789	13845420	13941763	0.79	cps
Indium	115-2	4594542	4545978	4500107	4546876	1.04	cps
Iron	56-2	287662429	286180622	288542756	287461936	0.42	cps
Iron	57-2	7033813	7114224	7038919	7062319	0.64	cps
Iron	54-2	16150699	16223280	16018802	16130927	0.64	cps
Krypton	83-1	337	360	390	362	7.38	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45596444	45740516	45810431	45715797	0.24	cps
Lead	207-1	39976516	40426056	40327752	40243441	0.59	cps
Lead	208-1	182092262	183396114	182157931	182548769	0.40	cps
Lithium	6-1	2203913	2197795	2163017	2188242	1.01	cps
Magnesium	24-2	65670036	65903972	65171942	65581983	0.57	cps
Manganese	55-2	48157194	47751308	47870344	47926282	0.44	cps
Molybdenum	94-1	54772879	55748891	55295361	55272377	0.88	cps
Molybdenum	95-1	79095515	80179182	79924309	79733002	0.71	cps
Molybdenum	96-1	86525052	87947979	87056412	87176481	0.82	cps
Molybdenum	97-1	48955438	49874424	49746893	49525585	1.01	cps
Molybdenum	98-1	124983411	128057418	128212391	127084407	1.43	cps
Neodymium	150-1	563	563	623	583	5.94	cps
Neodymium	150-2	113	160	123	132	18.58	cps
Nickel	60-2	2663565	2628119	2618481	2636722	0.90	cps
Phosphorus	31-2	407687	405338	405476	406167	0.32	cps
Potassium	39-2	39911085	39135669	39502399	39516384	0.98	cps
Rhodium	103-1	13828706	13550740	13794036	13724494	1.10	cps
Rhodium	103-2	8276099	8128353	8197586	8200679	0.90	cps
Scandium	45-1	10487517	10449819	10488834	10475390	0.21	cps
Scandium	45-2	920827	911395	910975	914399	0.61	cps
Selenium	82-1	245391	246880	247084	246452	0.37	cps
Selenium	77-2	22173	21993	21970	22045	0.51	cps
Selenium	78-2	74349	74299	72614	73754	1.34	cps
Silicon	28-1	44946039	44514809	44198554	44553134	0.84	cps
Silver	107-1	16862026	17318247	17077137	17085803	1.34	cps
Silver	109-1	16141504	15965851	16316232	16141196	1.09	cps
Sodium	23-2	113500415	114731465	113333805	113855228	0.67	cps
Strontium	86-1	118988188	120611642	120795835	120131888	0.83	cps
Strontium	88-1	1037433958	1067481877	1042892251	1049269362	1.53	cps
Sulfur	34-1	1737555	1766647	1761650	1755284	0.89	cps
Terbium	159-1	17272249	17340240	16977450	17196646	1.12	cps
Terbium	159-2	11283381	11519464	11357775	11386873	1.06	cps
Thallium	203-1	11329773	11278986	11549372	11386044	1.26	cps
Thallium	205-1	27026606	27128825	26714817	26956749	0.80	cps
Tin	118-1	10988558	11279604	11079638	11115933	1.34	cps
Titanium	47-1	23488292	24348940	24290200	24042478	2.00	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34608756	35232781	35212838	35018125	1.01	cps
Vanadium	51-2	6106910	6145972	6021854	6091579	1.04	cps
Yttrium	89-1	24134883	24395242	23849581	24126569	1.13	cps
Yttrium	89-2	5679225	5703369	5668352	5683649	0.32	cps
Zinc	66-2	11236431	11240113	11232595	11236380	0.03	cps
Zirconium	90-1	25610601	26132330	25370726	25704552	1.51	cps
Zirconium	91-1	5635441	5721453	5554925	5637273	1.48	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37807667	38137306	38125893	38023622	0.49	cps
Antimony	121-1	9403	8926	9737	9355	4.35	cps
Arsenic	75-2	373	427	417	406	6.99	cps
Barium	135-1	6842	6862	6718	6807	1.14	cps
Barium	137-1	12402	11878	11435	11905	4.07	cps
Beryllium	9-1	307	297	309	304	2.10	cps
Bismuth	209-1	8727512	8524887	8312687	8521695	2.43	cps
Bismuth	209-2	6829021	6939407	6922279	6896902	0.86	cps
Bromine	81-1	12228	11992	11958	12059	1.22	cps
Bromine	81-2	187	180	193	187	3.57	cps
Cadmium	108-1	77	133	93	101	28.81	cps
Cadmium	106-1	4711	4764	4627	4701	1.47	cps
Cadmium	111-1	3711	3705	3554	3656	2.43	cps
Calcium	43-1	21972937	21999238	22114582	22028919	0.34	cps
Calcium	44-1	352766381	354721888	356085301	354524524	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22834	22825	28737	24799	13.76	cps
Cobalt	59-2	26654	26667	26938	26753	0.60	cps
Copper	63-2	18091	17664	18645	18133	2.71	cps
Dysprosium	156-1	433	440	400	424	5.05	cps
Dysprosium	156-2	357	367	347	357	2.80	cps
Erbium	164-1	543	523	593	553	6.52	cps
Erbium	164-2	337	383	387	369	7.58	cps
Gadolinium	160-1	437	447	430	438	1.92	cps
Gadolinium	160-2	577	683	620	627	8.56	cps
Holmium	165-1	16069709	15870329	15593458	15844498	1.51	cps
Holmium	165-2	11099298	11226353	11347632	11224428	1.11	cps
Indium	115-1	13046970	13193201	12884548	13041573	1.18	cps
Indium	115-2	4571144	4589263	4588443	4582950	0.22	cps
Iron	56-2	1390685366	1409952086	1408182326	1402939926	0.76	cps
Iron	57-2	35482305	34898680	35235418	35205468	0.83	cps
Iron	54-2	76298187	76551192	77054092	76634491	0.50	cps
Krypton	83-1	423	343	387	384	10.42	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8239	7706	7589	7845	4.42	cps
Lead	207-1	7232	6575	6218	6675	7.70	cps
Lead	208-1	33166	30280	29069	30838	6.83	cps
Lithium	6-1	2049020	2144696	2039046	2077587	2.81	cps
Magnesium	24-2	328694188	330526288	330206482	329808986	0.30	cps
Manganese	55-2	25665	25552	25538	25585	0.27	cps
Molybdenum	94-1	13940	12879	13156	13325	4.13	cps
Molybdenum	95-1	13093	12499	12389	12660	2.99	cps
Molybdenum	96-1	24471	23526	23609	23868	2.19	cps
Molybdenum	97-1	8132	7462	7402	7665	5.29	cps
Molybdenum	98-1	20942	18498	17691	19044	8.89	cps
Neodymium	150-1	187	257	247	230	16.46	cps
Neodymium	150-2	170	130	140	147	14.19	cps
Nickel	60-2	10944	10827	10404	10725	2.65	cps
Phosphorus	31-2	420	437	423	427	2.07	cps
Potassium	39-2	205044297	203106137	206938804	205029746	0.93	cps
Rhodium	103-1	12373208	12160843	12160456	12231502	1.00	cps
Rhodium	103-2	7685201	7651883	7629513	7655533	0.37	cps
Scandium	45-1	10190462	10168096	10144062	10167540	0.23	cps
Scandium	45-2	919205	909413	921068	916562	0.68	cps
Selenium	82-1	680	798	729	736	8.07	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	520	497	520	512	2.63	cps
Silicon	28-1	527907	523202	516408	522506	1.11	cps
Silver	107-1	2757	2334	2200	2430	11.96	cps
Silver	109-1	2584	2087	2114	2261	12.36	cps
Sodium	23-2	554821512	558050205	557872578	556914765	0.33	cps
Strontium	86-1	21926	20825	20334	21028	3.88	cps
Strontium	88-1	189691	178725	174021	180812	4.45	cps
Sulfur	34-1	309682	326194	330474	322117	3.41	cps
Terbium	159-1	16554104	16379665	16296370	16410046	0.80	cps
Terbium	159-2	11203372	11254220	11146328	11201307	0.48	cps
Thallium	203-1	1417	1350	1147	1305	10.78	cps
Thallium	205-1	3337	2927	2674	2979	11.24	cps
Tin	118-1	6935	6878	6805	6873	0.95	cps
Titanium	47-1	3164	3030	3410	3201	6.02	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2427	2064	1887	2126	12.95	cps
Vanadium	51-2	1390	1363	1483	1412	4.46	cps
Yttrium	89-1	22922209	22789951	22656796	22789652	0.58	cps
Yttrium	89-2	5775114	5741988	5795084	5770729	0.46	cps
Zinc	66-2	7702	7719	7669	7696	0.33	cps
Zirconium	90-1	15535	15091	15655	15427	1.93	cps
Zirconium	91-1	3387	3667	3420	3492	4.38	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203920	205116	203103	204046	0.50	cps
Antimony	121-1	2674510	2717609	2720523	2704214	0.95	cps
Arsenic	75-2	176334	177886	175430	176550	0.70	cps
Barium	135-1	310925	320174	321502	317533	1.81	cps
Barium	137-1	549299	544611	545227	546379	0.47	cps
Beryllium	9-1	245834	255018	254679	251844	2.07	cps
Bismuth	209-1	9413600	9471499	9419990	9435030	0.34	cps
Bismuth	209-2	7631927	7665351	7785124	7694134	1.05	cps
Bromine	81-1	11725	11888	11461	11691	1.84	cps
Bromine	81-2	163	113	163	147	19.68	cps
Cadmium	108-1	23048	23108	23115	23091	0.16	cps
Cadmium	106-1	36208	36763	37248	36740	1.42	cps
Cadmium	111-1	350858	354663	352164	352562	0.55	cps
Calcium	43-1	101352	99356	100578	100429	1.00	cps
Calcium	44-1	1569386	1595227	1632698	1599104	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	782938	767633	770873	773815	1.04	cps
Cobalt	59-2	1150130	1159242	1152130	1153834	0.42	cps
Copper	63-2	778331	775774	774770	776292	0.24	cps
Dysprosium	156-1	13	13	7	11	34.61	cps
Dysprosium	156-2	17	27	20	21	24.12	cps
Erbium	164-1	103	117	140	120	15.47	cps
Erbium	164-2	63	63	77	68	11.36	cps
Gadolinium	160-1	60	60	77	66	14.68	cps
Gadolinium	160-2	280	360	397	346	17.26	cps
Holmium	165-1	15630649	15961964	15656537	15749717	1.17	cps
Holmium	165-2	11232797	11208491	11095733	11179007	0.65	cps
Indium	115-1	14585278	14159105	13970987	14238457	2.21	cps
Indium	115-2	5013264	4859535	4833326	4902042	1.98	cps
Iron	56-2	12536848	12427961	12417350	12460720	0.53	cps
Iron	57-2	324040	326939	322568	324516	0.69	cps
Iron	54-2	746680	750168	748834	748561	0.24	cps
Krypton	83-1	363	390	307	353	12.05	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1934483	1905277	1890347	1910036	1.18	cps
Lead	207-1	1417865	1419730	1431259	1422951	0.51	cps
Lead	208-1	7349082	7344510	7291017	7328203	0.44	cps
Lithium	6-1	2090880	2120986	2068284	2093383	1.26	cps
Magnesium	24-2	878868	865456	864382	869569	0.93	cps
Manganese	55-2	531207	527617	527343	528722	0.41	cps
Molybdenum	94-1	1087	1177	1270	1178	7.78	cps
Molybdenum	95-1	437	407	427	423	3.61	cps
Molybdenum	96-1	790	733	833	786	6.38	cps
Molybdenum	97-1	263	267	257	262	1.94	cps
Molybdenum	98-1	697	643	627	656	5.58	cps
Neodymium	150-1	30	27	10	22	48.22	cps
Neodymium	150-2	13	20	3	12	68.66	cps
Nickel	60-2	299171	297351	298123	298215	0.31	cps
Phosphorus	31-2	330	260	350	313	15.08	cps
Potassium	39-2	1816453	1806762	1796329	1806515	0.56	cps
Rhodium	103-1	14378004	14286297	14116865	14260389	0.93	cps
Rhodium	103-2	8858856	8688880	8728269	8758669	1.02	cps
Scandium	45-1	10744828	10751148	10992399	10829458	1.30	cps
Scandium	45-2	976429	969575	963263	969756	0.68	cps
Selenium	82-1	54109	54059	53966	54045	0.13	cps
Selenium	77-2	5341	5314	5384	5347	0.66	cps
Selenium	78-2	17510	17514	17784	17603	0.89	cps
Silicon	28-1	432952	432358	441296	435535	1.15	cps
Silver	107-1	843145	867496	866051	858897	1.59	cps
Silver	109-1	799659	828384	822999	817014	1.87	cps
Sodium	23-2	2453612	2483221	2466212	2467682	0.60	cps
Strontium	86-1	2320	2160	2154	2211	4.27	cps
Strontium	88-1	14484	14400	14707	14531	1.09	cps
Sulfur	34-1	368053	364737	364477	365755	0.55	cps
Terbium	159-1	16811461	16196739	16224980	16411060	2.11	cps
Terbium	159-2	11395367	11277729	11424922	11366006	0.69	cps
Thallium	203-1	2382054	2417109	2360028	2386397	1.21	cps
Thallium	205-1	5539412	5644606	5647205	5610408	1.10	cps
Tin	118-1	2850	2794	2570	2738	5.41	cps
Titanium	47-1	370	337	397	368	8.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	80	57	78	25.83	cps
Vanadium	51-2	677338	664870	665267	669158	1.06	cps
Yttrium	89-1	23714845	23822879	24052606	23863444	0.72	cps
Yttrium	89-2	6012879	5966972	5849125	5942992	1.42	cps
Zinc	66-2	252860	250519	251025	251468	0.49	cps
Zirconium	90-1	2357	2337	2374	2356	0.78	cps
Zirconium	91-1	797	813	807	806	1.04	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260	1193	1110	1188	6.33	cps
Antimony	121-1	410	473	517	467	11.50	cps
Arsenic	75-2	0	10	17	9	94.38	cps
Barium	135-1	87	80	90	86	5.95	cps
Barium	137-1	137	150	157	148	6.89	cps
Beryllium	9-1	20	47	27	31	44.25	cps
Bismuth	209-1	9345046	9267022	9324733	9312267	0.43	cps
Bismuth	209-2	7617899	7566036	7545786	7576574	0.49	cps
Bromine	81-1	11418	12078	11521	11672	3.04	cps
Bromine	81-2	97	97	97	97	0.00	cps
Cadmium	108-1	3	17	10	10	66.70	cps
Cadmium	106-1	4024	3977	3871	3957	1.99	cps
Cadmium	111-1	2814	2782	2706	2768	2.02	cps
Calcium	43-1	677	533	597	602	11.93	cps
Calcium	44-1	53399	53530	53021	53317	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1470	1513	1407	1463	3.67	cps
Cobalt	59-2	157	113	110	127	20.56	cps
Copper	63-2	7048	7048	7158	7085	0.90	cps
Dysprosium	156-1	23	3	13	13	75.02	cps
Dysprosium	156-2	7	7	23	12	78.69	cps
Erbium	164-1	100	110	90	100	10.00	cps
Erbium	164-2	77	97	93	89	12.05	cps
Gadolinium	160-1	70	73	70	71	2.70	cps
Gadolinium	160-2	377	320	393	363	10.58	cps
Holmium	165-1	15474180	15496960	15741272	15570804	0.95	cps
Holmium	165-2	11008272	10977276	10947614	10977721	0.28	cps
Indium	115-1	13969353	14292221	14271993	14177856	1.28	cps
Indium	115-2	4928292	4910342	4961650	4933428	0.53	cps
Iron	56-2	22807	22050	22320	22392	1.72	cps
Iron	57-2	2527	2530	2687	2581	3.54	cps
Iron	54-2	2740	2720	2520	2660	4.57	cps
Krypton	83-1	417	313	350	360	14.55	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	647	557	583	596	7.76	cps
Lead	207-1	453	467	590	503	14.97	cps
Lead	208-1	2400	2120	2383	2301	6.83	cps
Lithium	6-1	2046781	2056756	2028289	2043942	0.71	cps
Magnesium	24-2	1447	1547	1497	1497	3.34	cps
Manganese	55-2	1047	1113	1213	1125	7.46	cps
Molybdenum	94-1	603	537	597	579	6.34	cps
Molybdenum	95-1	193	197	153	181	13.31	cps
Molybdenum	96-1	290	263	290	281	5.48	cps
Molybdenum	97-1	127	160	150	146	11.75	cps
Molybdenum	98-1	237	220	240	232	4.61	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	270	270	247	262	5.14	cps
Phosphorus	31-2	210	253	303	256	18.28	cps
Potassium	39-2	108567	108866	108496	108643	0.18	cps
Rhodium	103-1	14031017	14123935	14237294	14130749	0.73	cps
Rhodium	103-2	8764657	8919474	8793168	8825767	0.93	cps
Scandium	45-1	10699199	10685689	10572162	10652350	0.65	cps
Scandium	45-2	974380	963719	968213	968771	0.55	cps
Selenium	82-1	502	577	570	550	7.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	517	440	490	482	8.07	cps
Silicon	28-1	434295	436199	432127	434207	0.47	cps
Silver	107-1	137	167	200	168	18.88	cps
Silver	109-1	113	93	127	111	15.10	cps
Sodium	23-2	83974	83274	83260	83503	0.49	cps
Strontium	86-1	670	643	657	657	2.03	cps
Strontium	88-1	843	880	887	870	2.68	cps
Sulfur	34-1	368316	372351	371297	370655	0.56	cps
Terbium	159-1	16415904	16263473	16253258	16310878	0.56	cps
Terbium	159-2	11336144	11076834	11294102	11235693	1.24	cps
Thallium	203-1	227	283	227	246	13.32	cps
Thallium	205-1	580	527	550	552	4.84	cps
Tin	118-1	2320	2758	2220	2433	11.75	cps
Titanium	47-1	290	257	270	272	6.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	43	37	36	23.58	cps
Vanadium	51-2	20	10	33	21	55.45	cps
Yttrium	89-1	23526834	23738335	23520183	23595117	0.53	cps
Yttrium	89-2	5973982	5874100	5983193	5943758	1.02	cps
Zinc	66-2	2644	2584	2737	2655	2.91	cps
Zirconium	90-1	1207	1277	1313	1266	4.28	cps
Zirconium	91-1	250	253	180	228	18.18	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35053782	34451664	34703334	34736260	0.87	cps
Antimony	121-1	13680	13733	13847	13753	0.62	cps
Arsenic	75-2	297	300	287	294	2.36	cps
Barium	135-1	4441	4501	4748	4563	3.56	cps
Barium	137-1	7532	7709	7619	7620	1.16	cps
Beryllium	9-1	1187	1133	1070	1130	5.21	cps
Bismuth	209-1	9145813	9042210	9305628	9164550	1.45	cps
Bismuth	209-2	7398728	7328384	7318415	7348509	0.60	cps
Bromine	81-1	12485	12529	12789	12601	1.30	cps
Bromine	81-2	390	360	350	367	5.68	cps
Cadmium	108-1	1893	1987	2144	2008	6.29	cps
Cadmium	106-1	4611	4674	4317	4534	4.20	cps
Cadmium	111-1	4396	4238	3942	4192	5.50	cps
Calcium	43-1	4377686	4434150	4435527	4415788	0.75	cps
Calcium	44-1	70292522	71202771	71669506	71054933	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139138	138317	138512	138656	0.31	cps
Cobalt	59-2	12986	13086	12692	12921	1.58	cps
Copper	63-2	71848	71198	70452	71166	0.98	cps
Dysprosium	156-1	40	50	43	44	11.46	cps
Dysprosium	156-2	33	43	33	37	15.75	cps
Erbium	164-1	157	147	183	162	11.68	cps
Erbium	164-2	127	103	70	100	28.48	cps
Gadolinium	160-1	97	103	107	102	4.98	cps
Gadolinium	160-2	370	390	430	397	7.70	cps
Holmium	165-1	16222231	16234527	16430666	16295808	0.72	cps
Holmium	165-2	11484962	11259370	11276927	11340420	1.11	cps
Indium	115-1	13722792	13964838	13648886	13778839	1.20	cps
Indium	115-2	4756029	4675070	4686669	4705923	0.93	cps
Iron	56-2	565153378	571548658	561282165	565994734	0.92	cps
Iron	57-2	14170747	13909809	14055359	14045305	0.93	cps
Iron	54-2	31190059	31436889	31220695	31282548	0.43	cps
Krypton	83-1	390	350	343	361	6.99	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35526	36455	36121	36034	1.31	cps
Lead	207-1	27651	29058	28006	28238	2.59	cps
Lead	208-1	132286	135110	134702	134033	1.14	cps
Lithium	6-1	2111794	2110937	2177267	2133332	1.78	cps
Magnesium	24-2	66296926	65394019	65028771	65573238	1.00	cps
Manganese	55-2	38736	38202	37777	38239	1.26	cps
Molybdenum	94-1	7903036	7979563	7818625	7900408	1.02	cps
Molybdenum	95-1	13748145	13705334	13832504	13761994	0.47	cps
Molybdenum	96-1	14768814	14587067	14706924	14687602	0.63	cps
Molybdenum	97-1	8560975	8449357	8586808	8532380	0.86	cps
Molybdenum	98-1	21996761	21642855	21896464	21845360	0.83	cps
Neodymium	150-1	53	57	57	56	3.47	cps
Neodymium	150-2	20	50	33	34	43.64	cps
Nickel	60-2	17407	16706	16940	17018	2.10	cps
Phosphorus	31-2	2020769	1984030	1977076	1993958	1.18	cps
Potassium	39-2	79129680	78009824	77702322	78280609	0.96	cps
Rhodium	103-1	13267125	13357306	13464243	13362892	0.74	cps
Rhodium	103-2	8266186	8212657	8132792	8203878	0.82	cps
Scandium	45-1	10531661	10415779	10377605	10441682	0.77	cps
Scandium	45-2	952952	932488	935436	940292	1.18	cps
Selenium	82-1	505	554	585	548	7.35	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	503	480	443	476	6.36	cps
Silicon	28-1	569129	563554	564046	565576	0.55	cps
Silver	107-1	820	880	863	854	3.63	cps
Silver	109-1	780	850	753	794	6.28	cps
Sodium	23-2	113355482	111994905	112308385	112552924	0.63	cps
Strontium	86-1	159608	159945	160892	160149	0.42	cps
Strontium	88-1	1379582	1377173	1376599	1377785	0.11	cps
Sulfur	34-1	7114508	7177271	7067244	7119675	0.78	cps
Terbium	159-1	16751130	16853390	16669620	16758047	0.55	cps
Terbium	159-2	11375200	11232833	11331976	11313336	0.65	cps
Thallium	203-1	853	890	890	878	2.41	cps
Thallium	205-1	2010	2070	2207	2096	4.81	cps
Tin	118-1	3767	3687	3714	3723	1.09	cps
Titanium	47-1	4296347	4283043	4264171	4281187	0.38	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	603	550	520	558	7.57	cps
Vanadium	51-2	1120	1110	1020	1083	5.08	cps
Yttrium	89-1	23714389	23426495	23215906	23452264	1.07	cps
Yttrium	89-2	5930260	5780640	5717128	5809343	1.88	cps
Zinc	66-2	14817	14837	14771	14809	0.23	cps
Zirconium	90-1	1537	1660	1470	1556	6.20	cps
Zirconium	91-1	323	350	343	339	4.10	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35618982	34741753	35009154	35123296	1.28	cps
Antimony	121-1	266960	268662	264259	266627	0.83	cps
Arsenic	75-2	16830	16603	16289	16574	1.64	cps
Barium	135-1	66843	68045	66983	67290	0.98	cps
Barium	137-1	115806	116033	115300	115713	0.32	cps
Beryllium	9-1	48354	49348	49081	48928	1.05	cps
Bismuth	209-1	9332350	9299530	9437763	9356548	0.77	cps
Bismuth	209-2	7413130	7415295	7500020	7442815	0.67	cps
Bromine	81-1	13536	14130	13536	13734	2.50	cps
Bromine	81-2	530	577	497	534	7.52	cps
Cadmium	108-1	6171	6445	6278	6298	2.19	cps
Cadmium	106-1	10807	10224	10587	10539	2.80	cps
Cadmium	111-1	69175	68209	68132	68505	0.85	cps
Calcium	43-1	4432880	4493760	4488114	4471585	0.75	cps
Calcium	44-1	71506872	72812234	72459074	72259393	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280112	280686	282831	281210	0.51	cps
Cobalt	59-2	220889	219919	219513	220107	0.32	cps
Copper	63-2	195026	193140	192553	193573	0.67	cps
Dysprosium	156-1	57	53	53	54	3.54	cps
Dysprosium	156-2	37	60	53	50	24.03	cps
Erbium	164-1	137	193	130	153	22.70	cps
Erbium	164-2	137	77	90	101	31.16	cps
Gadolinium	160-1	137	137	133	136	1.42	cps
Gadolinium	160-2	400	410	460	423	7.59	cps
Holmium	165-1	16393399	16470126	16627187	16496904	0.72	cps
Holmium	165-2	11438257	11474344	11549242	11487281	0.49	cps
Indium	115-1	14139690	13885883	14006860	14010811	0.91	cps
Indium	115-2	4709501	4709158	4652140	4690266	0.70	cps
Iron	56-2	574458538	579740885	570545325	574914916	0.80	cps
Iron	57-2	14230335	14416383	14123089	14256602	1.04	cps
Iron	54-2	32178719	31892379	31863551	31978216	0.54	cps
Krypton	83-1	417	427	380	408	6.03	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	216457	218535	217935	217642	0.49	cps
Lead	207-1	180029	182198	182306	181511	0.71	cps
Lead	208-1	830656	845465	842836	839652	0.94	cps
Lithium	6-1	2108676	2141193	2130575	2126815	0.78	cps
Magnesium	24-2	66475267	65935116	65616711	66009031	0.66	cps
Manganese	55-2	136223	136580	134798	135867	0.69	cps
Molybdenum	94-1	8069296	7900359	8002074	7990576	1.06	cps
Molybdenum	95-1	14226864	13865677	13836487	13976343	1.56	cps
Molybdenum	96-1	15305322	15189060	14920839	15138407	1.30	cps
Molybdenum	97-1	8633303	8696899	8602021	8644074	0.56	cps
Molybdenum	98-1	22224454	22220542	22158915	22201304	0.17	cps
Neodymium	150-1	57	90	63	70	25.20	cps
Neodymium	150-2	27	37	27	30	19.24	cps
Nickel	60-2	67484	66634	67062	67060	0.63	cps
Phosphorus	31-2	2062930	2028389	2025804	2039041	1.02	cps
Potassium	39-2	80013637	78288851	79120479	79140989	1.09	cps
Rhodium	103-1	13739103	13520931	13311619	13523885	1.58	cps
Rhodium	103-2	8354297	8331261	8201358	8295639	0.99	cps
Scandium	45-1	10474344	10775799	10688927	10646356	1.46	cps
Scandium	45-2	953770	945641	949544	949652	0.43	cps
Selenium	82-1	5124	5149	5549	5274	4.52	cps
Selenium	77-2	470	440	420	443	5.68	cps
Selenium	78-2	2040	1970	1920	1977	3.05	cps
Silicon	28-1	575426	583118	583951	580831	0.81	cps
Silver	107-1	315994	318237	318683	317638	0.45	cps
Silver	109-1	296957	301918	296220	298365	1.04	cps
Sodium	23-2	113097198	113640445	112535938	113091194	0.49	cps
Strontium	86-1	164798	162902	165078	164259	0.72	cps
Strontium	88-1	1411989	1404325	1416770	1411028	0.44	cps
Sulfur	34-1	7077707	7041672	7047192	7055524	0.28	cps
Terbium	159-1	17247932	17334006	17001071	17194336	1.01	cps
Terbium	159-2	11396907	11364760	11326174	11362613	0.31	cps
Thallium	203-1	222333	226812	224667	224604	1.00	cps
Thallium	205-1	527980	533770	531030	530927	0.55	cps
Tin	118-1	3567	3544	3771	3627	3.44	cps
Titanium	47-1	4415216	4396713	4319667	4377199	1.16	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	530	470	473	491	6.87	cps
Vanadium	51-2	126233	125739	126633	126202	0.35	cps
Yttrium	89-1	24410028	23687718	23743602	23947116	1.68	cps
Yttrium	89-2	5855792	5863308	5765724	5828275	0.93	cps
Zinc	66-2	37116	36829	36825	36923	0.45	cps
Zirconium	90-1	1563	1460	1600	1541	4.71	cps
Zirconium	91-1	327	367	470	388	19.07	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18647917	18610576	18736434	18664976	0.35	cps
Antimony	121-1	6316962	6363067	6419100	6366376	0.80	cps
Arsenic	75-2	382198	385502	382521	383407	0.48	cps
Barium	135-1	8207084	8212870	8203271	8207742	0.06	cps
Barium	137-1	14050629	14365236	14262571	14226145	1.13	cps
Beryllium	9-1	1242719	1219534	1266454	1242902	1.89	cps
Bismuth	209-1	9039921	9058881	8931511	9010104	0.76	cps
Bismuth	209-2	7171024	7305740	7315334	7264033	1.11	cps
Bromine	81-1	11511	11491	11164	11389	1.71	cps
Bromine	81-2	137	167	103	136	23.37	cps
Cadmium	108-1	121017	121413	122912	121781	0.82	cps
Cadmium	106-1	178733	182326	183076	181378	1.28	cps
Cadmium	111-1	1711325	1718857	1702937	1711040	0.47	cps
Calcium	43-1	11647232	11566684	11585960	11599959	0.36	cps
Calcium	44-1	183841371	186135191	184417131	184797897	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3355394	3399788	3406175	3387119	0.82	cps
Cobalt	59-2	5310565	5296380	5382692	5329879	0.87	cps
Copper	63-2	36879306	37481480	37862997	37407928	1.33	cps
Dysprosium	156-1	263	243	257	254	4.00	cps
Dysprosium	156-2	500	457	433	463	7.30	cps
Erbium	164-1	340	363	363	356	3.79	cps
Erbium	164-2	220	297	267	261	14.80	cps
Gadolinium	160-1	377	247	330	318	20.72	cps
Gadolinium	160-2	503	550	497	517	5.62	cps
Holmium	165-1	16146075	15995839	16115593	16085836	0.49	cps
Holmium	165-2	11200466	11372528	11453774	11342256	1.14	cps
Indium	115-1	13927666	13616779	13587360	13710602	1.38	cps
Indium	115-2	4560305	4541884	4655490	4585893	1.33	cps
Iron	56-2	705665003	702977883	705707883	704783590	0.22	cps
Iron	57-2	17450091	17684334	17616772	17583733	0.69	cps
Iron	54-2	39200967	39134593	38884064	39073208	0.43	cps
Krypton	83-1	407	380	390	392	3.44	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21791341	21572257	21954736	21772778	0.88	cps
Lead	207-1	19082835	18958230	19117948	19053004	0.44	cps
Lead	208-1	86132765	86390323	87042920	86522003	0.54	cps
Lithium	6-1	2123729	2161828	2184188	2156582	1.42	cps
Magnesium	24-2	170161291	169212677	169647537	169673835	0.28	cps
Manganese	55-2	23391040	23684685	23754950	23610225	0.82	cps
Molybdenum	94-1	26618160	27160427	27597745	27125444	1.81	cps
Molybdenum	95-1	39033031	39839696	39965584	39612771	1.28	cps
Molybdenum	96-1	43229253	43559121	43743114	43510496	0.60	cps
Molybdenum	97-1	23901632	24656010	25008375	24522006	2.31	cps
Molybdenum	98-1	61619459	62611501	63478546	62569835	1.49	cps
Neodymium	150-1	363	367	430	387	9.71	cps
Neodymium	150-2	103	113	110	109	4.67	cps
Nickel	60-2	1294924	1307764	1309796	1304161	0.62	cps
Phosphorus	31-2	204760	204801	204903	204821	0.04	cps
Potassium	39-2	99417015	98934339	97272675	98541343	1.14	cps
Rhodium	103-1	12860994	13225789	13002967	13029917	1.41	cps
Rhodium	103-2	7887583	8072349	7986291	7982074	1.16	cps
Scandium	45-1	10469425	10425435	10390232	10428364	0.38	cps
Scandium	45-2	911194	922216	917095	916835	0.60	cps
Selenium	82-1	116464	118169	119012	117882	1.10	cps
Selenium	77-2	10791	10617	11188	10865	2.69	cps
Selenium	78-2	35048	35172	36191	35470	1.77	cps
Silicon	28-1	23737334	23485691	24306823	23843283	1.76	cps
Silver	107-1	8882969	8852328	9008904	8914733	0.93	cps
Silver	109-1	8422057	8340042	8330322	8364140	0.60	cps
Sodium	23-2	278672129	274606263	275925176	276401189	0.75	cps
Strontium	86-1	57679026	59399036	58961461	58679841	1.52	cps
Strontium	88-1	504726686	512797339	516835459	511453161	1.21	cps
Sulfur	34-1	978597	986454	994210	986420	0.79	cps
Terbium	159-1	16771991	16925625	16805978	16834531	0.48	cps
Terbium	159-2	11302177	11541321	11359822	11401106	1.09	cps
Thallium	203-1	5378019	5303097	5431430	5370849	1.20	cps
Thallium	205-1	12901365	12775509	13056474	12911116	1.09	cps
Tin	118-1	5361355	5478493	5401728	5413859	1.10	cps
Titanium	47-1	11739775	11921409	11804154	11821779	0.78	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16818495	17050319	16992260	16953691	0.71	cps
Vanadium	51-2	3058400	3113286	3099367	3090351	0.92	cps
Yttrium	89-1	23089484	23661537	23456279	23402433	1.24	cps
Yttrium	89-2	5684067	5702847	5725882	5704265	0.37	cps
Zinc	66-2	5714257	5638129	5679264	5677217	0.67	cps
Zirconium	90-1	12385904	12603328	12815449	12601560	1.70	cps
Zirconium	91-1	2795856	2818548	2867484	2827296	1.29	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1203	1170	1137	1170	2.85	cps
Antimony	121-1	3974	4314	4487	4258	6.13	cps
Arsenic	75-2	33	17	17	22	43.28	cps
Barium	135-1	383	337	257	326	19.68	cps
Barium	137-1	720	490	477	562	24.33	cps
Beryllium	9-1	113	89	87	96	15.27	cps
Bismuth	209-1	9883098	9744074	9795168	9807447	0.72	cps
Bismuth	209-2	7965647	8055971	8014347	8011989	0.56	cps
Bromine	81-1	11445	11471	11935	11617	2.37	cps
Bromine	81-2	173	187	190	183	4.81	cps
Cadmium	108-1	10	23	20	18	39.03	cps
Cadmium	106-1	4784	4554	4821	4720	3.06	cps
Cadmium	111-1	3562	3292	3441	3431	3.95	cps
Calcium	43-1	953	913	893	920	3.32	cps
Calcium	44-1	65235	62400	61007	62881	3.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1763	1547	1737	1682	7.02	cps
Cobalt	59-2	183	227	183	198	12.65	cps
Copper	63-2	5331	5324	5161	5272	1.83	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	13	20	0	11	91.66	cps
Erbium	164-1	103	110	143	119	18.03	cps
Erbium	164-2	53	80	83	72	22.77	cps
Gadolinium	160-1	67	87	70	74	14.39	cps
Gadolinium	160-2	313	397	370	360	11.82	cps
Holmium	165-1	16558846	16323933	16149106	16343962	1.26	cps
Holmium	165-2	11663754	11802723	11462487	11642988	1.47	cps
Indium	115-1	14550714	14481616	14317714	14450014	0.83	cps
Indium	115-2	4988212	4875305	4932392	4931970	1.14	cps
Iron	56-2	39161	38626	37256	38348	2.56	cps
Iron	57-2	2764	2554	2687	2668	3.98	cps
Iron	54-2	3347	3747	3454	3516	5.89	cps
Krypton	83-1	313	420	417	383	15.82	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2180	2017	1663	1954	13.52	cps
Lead	207-1	1677	1723	1313	1571	14.29	cps
Lead	208-1	8464	7558	6321	7448	14.45	cps
Lithium	6-1	2293857	2290460	2217412	2267243	1.90	cps
Magnesium	24-2	5208	4874	4591	4891	6.31	cps
Manganese	55-2	1070	993	1063	1042	4.07	cps
Molybdenum	94-1	2734	2840	2714	2763	2.47	cps
Molybdenum	95-1	3157	2590	2420	2723	14.17	cps
Molybdenum	96-1	3404	2987	2860	3084	9.22	cps
Molybdenum	97-1	1830	1467	1547	1615	11.83	cps
Molybdenum	98-1	4607	4064	3624	4098	12.02	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	283	290	297	290	2.30	cps
Phosphorus	31-2	250	230	243	241	4.22	cps
Potassium	39-2	124877	123157	122061	123365	1.15	cps
Rhodium	103-1	14268260	14308070	14409761	14328697	0.51	cps
Rhodium	103-2	8792238	8777395	8857927	8809186	0.49	cps
Scandium	45-1	10622514	10539915	10541387	10567939	0.45	cps
Scandium	45-2	931613	938743	930339	933565	0.49	cps
Selenium	82-1	568	472	474	505	10.97	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	520	433	400	451	13.73	cps
Silicon	28-1	409921	405924	404037	406627	0.74	cps
Silver	107-1	1427	1157	1103	1229	14.11	cps
Silver	109-1	1167	1050	923	1047	11.63	cps
Sodium	23-2	97654	96379	94913	96315	1.42	cps
Strontium	86-1	3047	2514	2127	2562	18.03	cps
Strontium	88-1	22427	17294	13336	17686	25.77	cps
Sulfur	34-1	316773	316801	317247	316940	0.08	cps
Terbium	159-1	17100777	16987176	17089530	17059161	0.37	cps
Terbium	159-2	11610664	11518488	11514150	11547767	0.47	cps
Thallium	203-1	1033	923	750	902	15.83	cps
Thallium	205-1	2470	2144	1930	2181	12.47	cps
Tin	118-1	2847	3010	2947	2935	2.81	cps
Titanium	47-1	930	847	890	889	4.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	700	580	473	584	19.40	cps
Vanadium	51-2	103	47	93	81	37.29	cps
Yttrium	89-1	24027550	24005380	24109092	24047341	0.23	cps
Yttrium	89-2	6014492	5860536	5871817	5915615	1.45	cps
Zinc	66-2	2850	2877	2730	2819	2.77	cps
Zirconium	90-1	3260	3430	3410	3367	2.76	cps
Zirconium	91-1	763	690	643	699	8.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773	770	777	773	0.43	cps
Antimony	121-1	1023	1100	1290	1138	12.07	cps
Arsenic	75-2	13	3	17	11	62.48	cps
Barium	135-1	73	70	63	69	7.39	cps
Barium	137-1	130	137	123	130	5.13	cps
Beryllium	9-1	61	41	57	53	20.32	cps
Bismuth	209-1	9951029	9929467	10003558	9961351	0.38	cps
Bismuth	209-2	8030310	8115598	8034452	8060120	0.60	cps
Bromine	81-1	11545	11548	11431	11508	0.58	cps
Bromine	81-2	133	120	97	117	15.91	cps
Cadmium	108-1	20	10	17	16	32.73	cps
Cadmium	106-1	4881	4954	5081	4972	2.04	cps
Cadmium	111-1	3443	3508	3578	3510	1.93	cps
Calcium	43-1	637	617	633	629	1.70	cps
Calcium	44-1	57641	57176	57373	57397	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1550	1500	1640	1563	4.54	cps
Cobalt	59-2	157	153	120	143	14.15	cps
Copper	63-2	3340	3424	3284	3349	2.10	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	107	117	140	121	14.12	cps
Erbium	164-2	87	40	87	71	37.89	cps
Gadolinium	160-1	47	57	70	58	20.26	cps
Gadolinium	160-2	337	383	420	380	10.99	cps
Holmium	165-1	16409068	16461987	16327326	16399460	0.41	cps
Holmium	165-2	11526995	11606316	11673514	11602275	0.63	cps
Indium	115-1	14779310	14641107	14741094	14720504	0.48	cps
Indium	115-2	5011024	4925148	5009509	4981894	0.99	cps
Iron	56-2	24099	23719	23655	23825	1.01	cps
Iron	57-2	2250	2450	2440	2380	4.74	cps
Iron	54-2	2874	2700	2750	2775	3.22	cps
Krypton	83-1	413	323	367	368	12.24	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	937	810	790	846	9.41	cps
Lead	207-1	650	710	670	677	4.52	cps
Lead	208-1	3527	3220	3207	3318	5.46	cps
Lithium	6-1	2199541	2270522	2209709	2226591	1.72	cps
Magnesium	24-2	2127	2140	2040	2102	2.58	cps
Manganese	55-2	827	780	833	813	3.57	cps
Molybdenum	94-1	967	957	1037	987	4.42	cps
Molybdenum	95-1	540	573	650	588	9.60	cps
Molybdenum	96-1	603	620	680	634	6.36	cps
Molybdenum	97-1	297	280	370	316	15.17	cps
Molybdenum	98-1	830	813	900	848	5.43	cps
Neodymium	150-1	33	10	27	23	51.50	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	327	230	283	280	17.29	cps
Phosphorus	31-2	257	283	267	269	5.01	cps
Potassium	39-2	115611	114946	115887	115481	0.42	cps
Rhodium	103-1	14442799	14583825	14689937	14572187	0.85	cps
Rhodium	103-2	8951354	9024674	8965337	8980455	0.43	cps
Scandium	45-1	10854964	10819663	10783885	10819504	0.33	cps
Scandium	45-2	959024	949237	944223	950828	0.79	cps
Selenium	82-1	504	653	606	588	12.98	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	427	507	397	443	12.83	cps
Silicon	28-1	394197	392540	394680	393806	0.29	cps
Silver	107-1	377	340	310	342	9.76	cps
Silver	109-1	300	233	270	268	12.47	cps
Sodium	23-2	85418	85411	84812	85214	0.41	cps
Strontium	86-1	863	847	740	817	8.19	cps
Strontium	88-1	2240	1917	1640	1932	15.54	cps
Sulfur	34-1	331352	331668	336056	333025	0.79	cps
Terbium	159-1	17384666	17174552	17016186	17191801	1.08	cps
Terbium	159-2	11727626	11733747	11576959	11679444	0.76	cps
Thallium	203-1	503	533	450	496	8.52	cps
Thallium	205-1	1123	1100	1093	1106	1.43	cps
Tin	118-1	2434	2414	2527	2458	2.46	cps
Titanium	47-1	303	343	363	337	9.07	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	93	60	83	24.33	cps
Vanadium	51-2	17	53	33	34	53.29	cps
Yttrium	89-1	24512697	24344118	24441963	24432926	0.35	cps
Yttrium	89-2	5877605	6002690	6059046	5979780	1.55	cps
Zinc	66-2	2917	2810	2910	2879	2.08	cps
Zirconium	90-1	1533	1740	1793	1689	8.13	cps
Zirconium	91-1	310	333	373	339	9.45	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15441	15238	14787	15155	2.21	cps
Antimony	121-1	45238	45665	44964	45289	0.78	cps
Arsenic	75-2	1610	1643	1630	1628	1.03	cps
Barium	135-1	54062	53948	54524	54178	0.56	cps
Barium	137-1	94465	93643	94102	94070	0.44	cps
Beryllium	9-1	4273	4290	4394	4319	1.51	cps
Bismuth	209-1	9780120	9737019	9741452	9752864	0.24	cps
Bismuth	209-2	7946542	8029915	7983358	7986605	0.52	cps
Bromine	81-1	11711	11288	11892	11630	2.67	cps
Bromine	81-2	170	153	110	144	21.44	cps
Cadmium	108-1	567	530	547	548	3.35	cps
Cadmium	106-1	5618	5328	5388	5444	2.81	cps
Cadmium	111-1	11525	11627	11241	11464	1.75	cps
Calcium	43-1	40918	41644	41176	41246	0.89	cps
Calcium	44-1	710230	716745	712499	713158	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30484	29993	30300	30259	0.82	cps
Cobalt	59-2	20407	19943	19810	20053	1.56	cps
Copper	63-2	31196	31720	31009	31308	1.18	cps
Dysprosium	156-1	10	23	20	18	39.03	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	120	100	193	138	35.67	cps
Erbium	164-2	80	90	63	78	17.32	cps
Gadolinium	160-1	110	117	97	108	9.45	cps
Gadolinium	160-2	403	353	403	387	7.47	cps
Holmium	165-1	16494223	16504421	16284434	16427693	0.76	cps
Holmium	165-2	11716768	11353751	11519313	11529944	1.58	cps
Indium	115-1	14772650	14725887	14591038	14696525	0.64	cps
Indium	115-2	4915356	5045265	4910581	4957067	1.54	cps
Iron	56-2	2185325	2174975	2184374	2181558	0.26	cps
Iron	57-2	57667	58082	58145	57965	0.45	cps
Iron	54-2	126517	126341	126207	126355	0.12	cps
Krypton	83-1	373	357	357	362	2.66	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14852	15466	15048	15122	2.07	cps
Lead	207-1	13223	13227	13400	13283	0.76	cps
Lead	208-1	60463	60539	60403	60469	0.11	cps
Lithium	6-1	2179420	2181060	2210834	2190438	0.81	cps
Magnesium	24-2	641124	639272	643442	641279	0.33	cps
Manganese	55-2	10260	9973	10003	10079	1.56	cps
Molybdenum	94-1	53648	54166	54518	54111	0.81	cps
Molybdenum	95-1	63802	64160	63778	63913	0.33	cps
Molybdenum	96-1	70733	71457	70851	71013	0.55	cps
Molybdenum	97-1	40559	39650	39403	39871	1.53	cps
Molybdenum	98-1	101473	102339	101110	101641	0.62	cps
Neodymium	150-1	23	17	13	18	28.64	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	5378	5604	5504	5496	2.07	cps
Phosphorus	31-2	283	287	273	281	2.47	cps
Potassium	39-2	870734	878123	872961	873939	0.43	cps
Rhodium	103-1	14304386	14708517	14372109	14461671	1.50	cps
Rhodium	103-2	8766166	9051044	8757797	8858336	1.88	cps
Scandium	45-1	10725307	10574067	10692528	10663967	0.75	cps
Scandium	45-2	963635	959568	952735	958646	0.57	cps
Selenium	82-1	2722	3003	2919	2881	5.01	cps
Selenium	77-2	243	233	193	223	11.85	cps
Selenium	78-2	1217	1217	1213	1216	0.16	cps
Silicon	28-1	549931	552449	557920	553433	0.74	cps
Silver	107-1	28602	29911	29644	29385	2.35	cps
Silver	109-1	27496	27550	27920	27655	0.84	cps
Sodium	23-2	1075367	1073097	1104066	1084176	1.59	cps
Strontium	86-1	9256	9320	9273	9283	0.35	cps
Strontium	88-1	75449	75951	76749	76050	0.86	cps
Sulfur	34-1	339377	338499	339394	339090	0.15	cps
Terbium	159-1	17188221	17227258	16922264	17112581	0.97	cps
Terbium	159-2	11702990	11547404	11431269	11560554	1.18	cps
Thallium	203-1	17885	17715	17812	17804	0.48	cps
Thallium	205-1	42065	42078	41453	41865	0.85	cps
Tin	118-1	2487	2377	2424	2429	2.27	cps
Titanium	47-1	20227	20397	20230	20285	0.48	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51593	52055	52111	51920	0.55	cps
Vanadium	51-2	57262	56188	56080	56510	1.16	cps
Yttrium	89-1	24432622	24358806	24588143	24459857	0.48	cps
Yttrium	89-2	6003374	5915197	5934857	5951143	0.78	cps
Zinc	66-2	13616	13857	13987	13820	1.36	cps
Zirconium	90-1	46905	48396	46925	47408	1.80	cps
Zirconium	91-1	10314	10524	10447	10428	1.02	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8626	8876	9109	8870	2.73	cps
Antimony	121-1	26568	26715	26608	26630	0.29	cps
Arsenic	75-2	947	933	940	940	0.71	cps
Barium	135-1	32009	32263	31739	32004	0.82	cps
Barium	137-1	54136	54384	54839	54453	0.65	cps
Beryllium	9-1	2410	2530	2534	2492	2.83	cps
Bismuth	209-1	9798997	9790006	9846698	9811901	0.31	cps
Bismuth	209-2	7876884	8002672	8063360	7980972	1.19	cps
Bromine	81-1	11581	11895	11912	11796	1.58	cps
Bromine	81-2	153	120	107	127	18.98	cps
Cadmium	108-1	327	387	350	354	8.53	cps
Cadmium	106-1	5411	5441	5294	5382	1.44	cps
Cadmium	111-1	8080	8039	7725	7948	2.44	cps
Calcium	43-1	24006	24790	24570	24455	1.65	cps
Calcium	44-1	440924	448685	444086	444565	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18842	19109	18171	18707	2.58	cps
Cobalt	59-2	11825	11788	11571	11728	1.17	cps
Copper	63-2	19636	19323	18755	19238	2.32	cps
Dysprosium	156-1	7	30	23	20	60.08	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	133	117	153	134	13.66	cps
Erbium	164-2	60	117	83	87	32.86	cps
Gadolinium	160-1	93	60	63	72	25.42	cps
Gadolinium	160-2	353	397	387	379	5.99	cps
Holmium	165-1	16548704	16583914	16148229	16426949	1.47	cps
Holmium	165-2	11515272	11510430	11629917	11551873	0.59	cps
Indium	115-1	14716129	14725726	14647914	14696589	0.29	cps
Indium	115-2	5010408	5002735	4980894	4998012	0.31	cps
Iron	56-2	1340134	1338904	1322735	1333924	0.73	cps
Iron	57-2	35158	35345	35058	35187	0.41	cps
Iron	54-2	76493	75625	76181	76100	0.58	cps
Krypton	83-1	353	343	400	366	8.27	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12035	11935	11795	11922	1.01	cps
Lead	207-1	10030	10311	9810	10050	2.50	cps
Lead	208-1	46468	46862	45717	46349	1.25	cps
Lithium	6-1	2286153	2230869	2234673	2250565	1.37	cps
Magnesium	24-2	387429	384698	381971	384699	0.71	cps
Manganese	55-2	6375	6305	6441	6374	1.07	cps
Molybdenum	94-1	31861	31487	32443	31930	1.51	cps
Molybdenum	95-1	37739	38049	37491	37760	0.74	cps
Molybdenum	96-1	41709	42301	42682	42231	1.16	cps
Molybdenum	97-1	23836	23052	24237	23708	2.54	cps
Molybdenum	98-1	59363	60739	60458	60187	1.21	cps
Neodymium	150-1	17	20	13	17	20.01	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3380	3677	3464	3507	4.36	cps
Phosphorus	31-2	353	393	407	384	7.22	cps
Potassium	39-2	578126	576256	573898	576093	0.37	cps
Rhodium	103-1	14566438	14641846	14509908	14572731	0.45	cps
Rhodium	103-2	8972460	8989847	8792571	8918293	1.22	cps
Scandium	45-1	10707369	10837461	10675613	10740147	0.80	cps
Scandium	45-2	968339	961530	949253	959707	1.01	cps
Selenium	82-1	2015	2052	1906	1991	3.83	cps
Selenium	77-2	120	143	117	127	11.47	cps
Selenium	78-2	887	953	923	921	3.63	cps
Silicon	28-1	492436	489465	488374	490091	0.43	cps
Silver	107-1	17187	17494	17401	17360	0.91	cps
Silver	109-1	16186	16880	16636	16567	2.13	cps
Sodium	23-2	710050	698392	696033	701492	1.07	cps
Strontium	86-1	5374	5601	5521	5499	2.09	cps
Strontium	88-1	44397	45132	45771	45100	1.52	cps
Sulfur	34-1	343793	342893	344734	343807	0.27	cps
Terbium	159-1	17238807	17185743	17225231	17216594	0.16	cps
Terbium	159-2	11755641	11661512	11641514	11686222	0.52	cps
Thallium	203-1	10588	10771	10501	10620	1.30	cps
Thallium	205-1	24512	24662	24829	24668	0.64	cps
Tin	118-1	2380	2284	2304	2322	2.20	cps
Titanium	47-1	11931	12008	11965	11968	0.32	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30351	30461	30482	30431	0.23	cps
Vanadium	51-2	33791	32789	33140	33240	1.53	cps
Yttrium	89-1	24502541	24258696	24276970	24346069	0.56	cps
Yttrium	89-2	5974716	6023605	5919256	5972526	0.87	cps
Zinc	66-2	10297	10110	9873	10093	2.10	cps
Zirconium	90-1	28140	27836	28658	28212	1.47	cps
Zirconium	91-1	6348	6305	6165	6273	1.53	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4351	4624	4381	4452	3.37	cps
Antimony	121-1	310	327	340	326	4.62	cps
Arsenic	75-2	10	0	10	7	86.60	cps
Barium	135-1	43	47	40	43	7.70	cps
Barium	137-1	113	110	87	103	14.06	cps
Beryllium	9-1	24	40	24	29	33.01	cps
Bismuth	209-1	10111760	9800329	9920768	9944286	1.58	cps
Bismuth	209-2	8045482	7401892	7737215	7728196	4.17	cps
Bromine	81-1	11892	11615	11978	11828	1.61	cps
Bromine	81-2	147	120	120	129	11.95	cps
Cadmium	108-1	0	33	23	19	90.56	cps
Cadmium	106-1	5044	4821	4594	4820	4.67	cps
Cadmium	111-1	3558	3355	3216	3376	5.09	cps
Calcium	43-1	567	630	563	587	6.40	cps
Calcium	44-1	55165	54989	55034	55063	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1547	1477	1537	1520	2.49	cps
Cobalt	59-2	143	123	117	128	10.86	cps
Copper	63-2	2584	2534	2450	2522	2.67	cps
Dysprosium	156-1	3	23	10	12	83.33	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	143	120	113	126	12.55	cps
Erbium	164-2	37	23	77	46	60.93	cps
Gadolinium	160-1	87	70	83	80	11.02	cps
Gadolinium	160-2	397	360	403	387	6.03	cps
Holmium	165-1	16683251	16257822	16234946	16392006	1.54	cps
Holmium	165-2	11402457	10657017	11282017	11113831	3.60	cps
Indium	115-1	14578317	14623695	14614722	14605578	0.16	cps
Indium	115-2	4950492	4676258	4807909	4811553	2.85	cps
Iron	56-2	22600	21335	22597	22178	3.29	cps
Iron	57-2	2304	2377	2414	2365	2.37	cps
Iron	54-2	2620	2804	2900	2775	5.13	cps
Krypton	83-1	387	387	320	364	10.56	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	597	553	550	567	4.59	cps
Lead	207-1	493	500	443	479	6.47	cps
Lead	208-1	2407	2217	2247	2290	4.46	cps
Lithium	6-1	2238337	2233055	2195438	2222276	1.05	cps
Magnesium	24-2	1697	1693	1597	1662	3.42	cps
Manganese	55-2	1130	1170	997	1099	8.26	cps
Molybdenum	94-1	637	653	650	647	1.36	cps
Molybdenum	95-1	213	263	273	250	12.86	cps
Molybdenum	96-1	380	333	290	334	13.46	cps
Molybdenum	97-1	173	180	147	167	10.58	cps
Molybdenum	98-1	273	320	387	327	17.44	cps
Neodymium	150-1	7	27	23	19	56.72	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	317	227	327	290	18.99	cps
Phosphorus	31-2	230	207	287	241	17.06	cps
Potassium	39-2	110111	109514	109926	109850	0.28	cps
Rhodium	103-1	14548840	14598177	14539226	14562081	0.22	cps
Rhodium	103-2	8952442	8276187	8759008	8662545	4.02	cps
Scandium	45-1	10967987	10679929	10747897	10798604	1.39	cps
Scandium	45-2	955371	901558	931974	929634	2.90	cps
Selenium	82-1	569	562	663	598	9.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	490	497	607	531	12.34	cps
Silicon	28-1	396816	399473	397968	398086	0.33	cps
Silver	107-1	333	280	280	298	10.34	cps
Silver	109-1	230	243	230	234	3.29	cps
Sodium	23-2	80231	80090	79199	79840	0.70	cps
Strontium	86-1	647	740	627	671	9.01	cps
Strontium	88-1	823	717	763	768	6.97	cps
Sulfur	34-1	347225	346314	346370	346636	0.15	cps
Terbium	159-1	17268193	17145147	17003249	17138863	0.77	cps
Terbium	159-2	11602327	10709706	11269317	11193783	4.03	cps
Thallium	203-1	300	283	277	287	4.19	cps
Thallium	205-1	573	690	680	648	9.98	cps
Tin	118-1	2124	2214	2184	2174	2.11	cps
Titanium	47-1	300	283	243	276	10.57	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	23	47	37	32.79	cps
Vanadium	51-2	47	27	10	28	66.09	cps
Yttrium	89-1	24251670	24436160	24200580	24296137	0.51	cps
Yttrium	89-2	6061817	5529687	5866666	5819390	4.63	cps
Zinc	66-2	2837	2614	2924	2791	5.73	cps
Zirconium	90-1	1287	1473	1313	1358	7.44	cps
Zirconium	91-1	300	283	277	287	4.19	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14424	14317	14360	14367	0.37	cps
Antimony	121-1	43415	44973	43920	44103	1.80	cps
Arsenic	75-2	1497	1603	1450	1517	5.18	cps
Barium	135-1	53343	52981	53065	53130	0.36	cps
Barium	137-1	91623	92102	91998	91908	0.27	cps
Beryllium	9-1	4176	4180	4006	4121	2.40	cps
Bismuth	209-1	9867073	9970654	9715874	9851200	1.30	cps
Bismuth	209-2	7945251	8028687	7954305	7976081	0.57	cps
Bromine	81-1	11768	11768	11751	11763	0.08	cps
Bromine	81-2	103	127	130	120	12.11	cps
Cadmium	108-1	500	503	670	558	17.43	cps
Cadmium	106-1	5888	5304	5308	5500	6.11	cps
Cadmium	111-1	11440	11290	11272	11334	0.82	cps
Calcium	43-1	40982	40738	40337	40686	0.80	cps
Calcium	44-1	702560	698650	702980	701397	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29499	29616	30444	29853	1.73	cps
Cobalt	59-2	19656	19560	19666	19627	0.30	cps
Copper	63-2	30555	30398	29994	30315	0.95	cps
Dysprosium	156-1	13	33	27	24	41.66	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	173	97	90	120	38.59	cps
Erbium	164-2	70	70	67	69	2.79	cps
Gadolinium	160-1	77	113	113	101	20.94	cps
Gadolinium	160-2	343	353	353	350	1.65	cps
Holmium	165-1	16322179	16246670	16308873	16292574	0.25	cps
Holmium	165-2	11474687	11416964	11446169	11445940	0.25	cps
Indium	115-1	14540993	14524004	14698761	14587919	0.66	cps
Indium	115-2	4997876	4958715	4952547	4969712	0.49	cps
Iron	56-2	2160699	2132254	2115479	2136144	1.07	cps
Iron	57-2	57720	56967	57580	57422	0.70	cps
Iron	54-2	125528	125404	125329	125420	0.08	cps
Krypton	83-1	353	420	420	398	9.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14668	14665	14625	14652	0.16	cps
Lead	207-1	12933	12950	12686	12856	1.15	cps
Lead	208-1	58650	58329	58336	58438	0.31	cps
Lithium	6-1	2192384	2179078	2120397	2163953	1.77	cps
Magnesium	24-2	637733	640302	645218	641084	0.59	cps
Manganese	55-2	10060	9880	10357	10099	2.38	cps
Molybdenum	94-1	53216	52791	52852	52953	0.43	cps
Molybdenum	95-1	62018	64016	63018	63017	1.59	cps
Molybdenum	96-1	69065	69645	70466	69725	1.01	cps
Molybdenum	97-1	38882	39700	38945	39176	1.16	cps
Molybdenum	98-1	99305	99469	99180	99318	0.15	cps
Neodymium	150-1	13	3	20	12	68.66	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	5534	5471	5448	5484	0.82	cps
Phosphorus	31-2	247	263	267	259	4.14	cps
Potassium	39-2	868800	857354	859305	861820	0.71	cps
Rhodium	103-1	14615494	14804734	14572877	14664368	0.84	cps
Rhodium	103-2	8851312	8854505	8929528	8878448	0.50	cps
Scandium	45-1	10780802	10657310	10641783	10693298	0.71	cps
Scandium	45-2	971503	966252	958743	965499	0.66	cps
Selenium	82-1	2777	2775	2806	2786	0.62	cps
Selenium	77-2	200	290	193	228	23.70	cps
Selenium	78-2	1087	1090	1217	1131	6.55	cps
Silicon	28-1	555062	558036	556338	556479	0.27	cps
Silver	107-1	28802	29584	29537	29307	1.50	cps
Silver	109-1	27389	27252	27683	27442	0.80	cps
Sodium	23-2	1077293	1068940	1115722	1087318	2.29	cps
Strontium	86-1	8796	9236	9023	9018	2.44	cps
Strontium	88-1	73643	75148	74796	74529	1.06	cps
Sulfur	34-1	353962	355170	353268	354133	0.27	cps
Terbium	159-1	17009371	17099106	17142593	17083690	0.40	cps
Terbium	159-2	11562726	11535162	11738573	11612154	0.95	cps
Thallium	203-1	17378	17358	17518	17418	0.50	cps
Thallium	205-1	40855	40871	40991	40906	0.18	cps
Tin	118-1	2274	2490	2490	2418	5.17	cps
Titanium	47-1	20394	20337	19950	20227	1.19	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50679	50234	50238	50384	0.51	cps
Vanadium	51-2	56355	55087	55170	55537	1.28	cps
Yttrium	89-1	24642364	24297299	24544161	24494608	0.73	cps
Yttrium	89-2	5974504	6069919	5983372	6009265	0.88	cps
Zinc	66-2	13750	13963	13520	13744	1.61	cps
Zirconium	90-1	46109	46831	45962	46301	1.01	cps
Zirconium	91-1	10420	9810	10474	10235	3.60	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9116	8976	8749	8947	2.07	cps
Antimony	121-1	26528	26618	27369	26838	1.72	cps
Arsenic	75-2	843	843	910	866	4.45	cps
Barium	135-1	31866	31498	31996	31787	0.81	cps
Barium	137-1	53959	54671	53992	54207	0.74	cps
Beryllium	9-1	2567	2350	2487	2468	4.44	cps
Bismuth	209-1	9782306	9847364	9684053	9771241	0.84	cps
Bismuth	209-2	7830119	7972619	8011517	7938085	1.20	cps
Bromine	81-1	11885	11688	11765	11779	0.84	cps
Bromine	81-2	103	167	167	146	25.12	cps
Cadmium	108-1	350	303	330	328	7.14	cps
Cadmium	106-1	5424	5511	4941	5292	5.81	cps
Cadmium	111-1	7589	7686	7318	7531	2.53	cps
Calcium	43-1	24183	24720	24810	24571	1.38	cps
Calcium	44-1	437588	440535	440129	439417	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18738	18258	18552	18516	1.31	cps
Cobalt	59-2	11731	11608	11985	11775	1.63	cps
Copper	63-2	19353	19096	18932	19127	1.11	cps
Dysprosium	156-1	10	17	27	18	47.19	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	140	140	127	136	5.68	cps
Erbium	164-2	83	73	83	80	7.22	cps
Gadolinium	160-1	117	97	100	104	10.26	cps
Gadolinium	160-2	413	413	390	406	3.32	cps
Holmium	165-1	16335561	16360038	16288666	16328088	0.22	cps
Holmium	165-2	11439916	11404039	11527186	11457047	0.55	cps
Indium	115-1	14508970	14680204	14561648	14583607	0.60	cps
Indium	115-2	4959083	4983637	4946626	4963116	0.38	cps
Iron	56-2	1340845	1341952	1339544	1340780	0.09	cps
Iron	57-2	35449	35302	35502	35417	0.29	cps
Iron	54-2	76798	77294	75049	76380	1.54	cps
Krypton	83-1	337	347	383	356	6.91	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8836	9133	8856	8942	1.86	cps
Lead	207-1	7996	7932	7952	7960	0.41	cps
Lead	208-1	36570	35825	35655	36017	1.35	cps
Lithium	6-1	2177267	2193091	2209677	2193345	0.74	cps
Magnesium	24-2	386931	380779	384218	383976	0.80	cps
Manganese	55-2	6421	6165	6478	6355	2.63	cps
Molybdenum	94-1	31053	31474	31320	31282	0.68	cps
Molybdenum	95-1	37618	37531	37067	37405	0.79	cps
Molybdenum	96-1	42318	42181	41669	42056	0.81	cps
Molybdenum	97-1	23536	22584	22838	22986	2.14	cps
Molybdenum	98-1	58242	60873	58841	59319	2.32	cps
Neodymium	150-1	37	10	23	23	57.15	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	3230	3274	3430	3312	3.18	cps
Phosphorus	31-2	353	257	250	287	20.17	cps
Potassium	39-2	562290	559560	562038	561296	0.27	cps
Rhodium	103-1	14469309	14619336	14430096	14506247	0.69	cps
Rhodium	103-2	8869857	9019972	8860102	8916644	1.01	cps
Scandium	45-1	10853661	10921432	10803154	10859416	0.55	cps
Scandium	45-2	964900	964546	970153	966533	0.32	cps
Selenium	82-1	1949	1954	1902	1935	1.47	cps
Selenium	77-2	130	137	157	141	9.84	cps
Selenium	78-2	983	877	827	896	8.94	cps
Silicon	28-1	490415	493828	488820	491021	0.52	cps
Silver	107-1	16803	17487	17651	17314	2.60	cps
Silver	109-1	16109	16403	16509	16340	1.27	cps
Sodium	23-2	704639	701199	702075	702638	0.25	cps
Strontium	86-1	5658	5755	5698	5703	0.85	cps
Strontium	88-1	44544	43952	45042	44513	1.23	cps
Sulfur	34-1	358302	363054	357356	359571	0.85	cps
Terbium	159-1	17450573	17137411	17142481	17243488	1.04	cps
Terbium	159-2	11529247	11666169	11268772	11488063	1.76	cps
Thallium	203-1	10754	10451	10354	10520	1.99	cps
Thallium	205-1	24562	24372	25070	24668	1.46	cps
Tin	118-1	2087	2164	2074	2108	2.30	cps
Titanium	47-1	12308	12098	12132	12179	0.93	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30081	30107	29810	29999	0.55	cps
Vanadium	51-2	33313	33988	32772	33358	1.83	cps
Yttrium	89-1	24425759	24428628	24151120	24335169	0.66	cps
Yttrium	89-2	6059763	6033990	5955561	6016438	0.90	cps
Zinc	66-2	9113	9343	9320	9259	1.37	cps
Zirconium	90-1	27790	27890	27933	27871	0.26	cps
Zirconium	91-1	6208	6321	6041	6190	2.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30707865	30125943	30245998	30359935	1.01	cps
Antimony	121-1	11318	11555	11365	11412	1.10	cps
Arsenic	75-2	62913	62946	62759	62872	0.16	cps
Barium	135-1	854316	865460	864643	861473	0.72	cps
Barium	137-1	1474166	1492213	1493369	1486583	0.72	cps
Beryllium	9-1	2787	2880	2911	2859	2.26	cps
Bismuth	209-1	9435536	9361404	9376284	9391075	0.42	cps
Bismuth	209-2	7481831	7601312	7737798	7606980	1.68	cps
Bromine	81-1	26260	27542	27893	27232	3.16	cps
Bromine	81-2	3067	3074	3290	3144	4.04	cps
Cadmium	108-1	680	577	690	649	9.67	cps
Cadmium	106-1	5414	5258	4854	5175	5.58	cps
Cadmium	111-1	3971	4010	3635	3872	5.32	cps
Calcium	43-1	842861	849142	840165	844056	0.55	cps
Calcium	44-1	12869369	12808259	12873259	12850295	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3180316	3130806	3154978	3155367	0.78	cps
Cobalt	59-2	1245781	1237440	1246791	1243337	0.41	cps
Copper	63-2	2693350	2690300	2698629	2694093	0.16	cps
Dysprosium	156-1	29959	29778	29721	29819	0.42	cps
Dysprosium	156-2	24138	24578	24251	24322	0.94	cps
Erbium	164-1	32591	32949	33470	33003	1.34	cps
Erbium	164-2	22348	22495	22792	22545	1.00	cps
Gadolinium	160-1	30961	31168	30837	30989	0.54	cps
Gadolinium	160-2	23500	23673	22742	23305	2.13	cps
Holmium	165-1	16707785	16500437	16501753	16569991	0.72	cps
Holmium	165-2	11431414	11263907	11451201	11382174	0.90	cps
Indium	115-1	14462723	14481966	14166899	14370529	1.23	cps
Indium	115-2	4747222	4811307	4826141	4794890	0.87	cps
Iron	56-2	823758734	821624441	827114281	824165819	0.34	cps
Iron	57-2	20029455	20299578	20451063	20260032	1.05	cps
Iron	54-2	45366203	45495038	45876471	45579237	0.58	cps
Krypton	83-1	410	477	410	432	8.91	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67396	68960	68337	68231	1.15	cps
Lead	207-1	55697	56664	55981	56114	0.89	cps
Lead	208-1	259682	264453	262439	262191	0.91	cps
Lithium	6-1	1991336	1989461	1991336	1990711	0.05	cps
Magnesium	24-2	28839593	28776245	28744465	28786768	0.17	cps
Manganese	55-2	11350801	11372809	11412461	11378690	0.27	cps
Molybdenum	94-1	65523	66691	65844	66019	0.91	cps
Molybdenum	95-1	8419	8399	8626	8481	1.48	cps
Molybdenum	96-1	25793	25863	26267	25974	0.99	cps
Molybdenum	97-1	5244	5311	5371	5309	1.19	cps
Molybdenum	98-1	13353	13259	12676	13096	2.80	cps
Neodymium	150-1	48694	49834	48236	48921	1.68	cps
Neodymium	150-2	28041	27821	28856	28239	1.93	cps
Nickel	60-2	605050	604077	599292	602806	0.51	cps
Phosphorus	31-2	11111	10744	10814	10890	1.79	cps
Potassium	39-2	1235846	1223836	1242925	1234202	0.78	cps
Rhodium	103-1	14142814	13843531	13873445	13953263	1.18	cps
Rhodium	103-2	8675406	8465357	8480411	8540391	1.37	cps
Scandium	45-1	11913764	11745077	11724420	11794420	0.88	cps
Scandium	45-2	1052644	1049530	1036718	1046297	0.81	cps
Selenium	82-1	846	743	747	778	7.50	cps
Selenium	77-2	190	130	167	162	18.64	cps
Selenium	78-2	637	760	737	711	9.21	cps
Silicon	28-1	60138229	58819156	61039732	59999039	1.86	cps
Silver	107-1	2790	2480	2267	2512	10.48	cps
Silver	109-1	2617	2150	2004	2257	14.19	cps
Sodium	23-2	368814	365698	366131	366881	0.46	cps
Strontium	86-1	282202	288102	288684	286329	1.25	cps
Strontium	88-1	2488722	2566558	2569276	2541519	1.80	cps
Sulfur	34-1	311890	296579	285077	297849	4.52	cps
Terbium	159-1	16961376	17141523	17345497	17149466	1.12	cps
Terbium	159-2	11503147	11315208	11665361	11494572	1.52	cps
Thallium	203-1	2327	2224	2250	2267	2.37	cps
Thallium	205-1	5104	5528	5645	5426	5.24	cps
Tin	118-1	30776	41514	30516	34269	18.31	cps
Titanium	47-1	7909725	8117357	8056491	8027858	1.33	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15870	15609	15529	15669	1.14	cps
Vanadium	51-2	1682838	1684454	1700655	1689315	0.58	cps
Yttrium	89-1	25047028	25067667	25164387	25093027	0.25	cps
Yttrium	89-2	6062013	5975987	6156467	6064822	1.49	cps
Zinc	66-2	186182	187009	187512	186901	0.36	cps
Zirconium	90-1	166854	170502	170073	169143	1.18	cps
Zirconium	91-1	36586	37230	38270	37362	2.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29010098	28965675	28602752	28859508	0.77	cps
Antimony	121-1	12349	12102	12299	12250	1.07	cps
Arsenic	75-2	68591	67734	67211	67845	1.03	cps
Barium	135-1	1053249	1051482	1049782	1051504	0.16	cps
Barium	137-1	1876847	1924113	1902209	1901056	1.24	cps
Beryllium	9-1	3397	3378	3516	3431	2.17	cps
Bismuth	209-1	9595477	9588588	9571272	9585112	0.13	cps
Bismuth	209-2	7604351	7683728	7615985	7634688	0.56	cps
Bromine	81-1	23051	23712	23900	23555	1.89	cps
Bromine	81-2	2537	2364	2370	2424	4.05	cps
Cadmium	108-1	580	590	617	596	3.18	cps
Cadmium	106-1	5901	5308	5548	5586	5.35	cps
Cadmium	111-1	6432	5806	6069	6102	5.15	cps
Calcium	43-1	664351	664765	670268	666461	0.50	cps
Calcium	44-1	10274266	10203565	10099594	10192475	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2601334	2607751	2545345	2584810	1.33	cps
Cobalt	59-2	1080980	1074228	1068553	1074587	0.58	cps
Copper	63-2	2414862	2384875	2382070	2393936	0.76	cps
Dysprosium	156-1	46273	47122	47192	46862	1.09	cps
Dysprosium	156-2	37410	37466	36828	37235	0.95	cps
Erbium	164-1	45685	46504	45982	46057	0.90	cps
Erbium	164-2	32043	30724	31476	31414	2.11	cps
Gadolinium	160-1	46400	46437	47082	46640	0.82	cps
Gadolinium	160-2	33650	34265	34345	34087	1.12	cps
Holmium	165-1	16819418	16691830	16477390	16662879	1.04	cps
Holmium	165-2	11426572	11573967	11447045	11482528	0.70	cps
Indium	115-1	14721620	14283914	14404569	14470034	1.56	cps
Indium	115-2	4861796	4826022	4827247	4838355	0.42	cps
Iron	56-2	789596628	758424602	775678415	774566548	2.02	cps
Iron	57-2	19207858	18915654	18940679	19021397	0.85	cps
Iron	54-2	42921029	43058749	43312673	43097484	0.46	cps
Krypton	83-1	510	530	427	489	11.21	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	172338	173296	172230	172621	0.34	cps
Lead	207-1	142902	145294	147481	145226	1.58	cps
Lead	208-1	669012	674769	674104	672628	0.47	cps
Lithium	6-1	2088084	2008468	2033656	2043403	1.99	cps
Magnesium	24-2	27761543	27716885	27876319	27784916	0.30	cps
Manganese	55-2	11344502	11153484	11271450	11256479	0.86	cps
Molybdenum	94-1	58436	60521	60538	59832	2.02	cps
Molybdenum	95-1	6885	6792	6518	6732	2.83	cps
Molybdenum	96-1	22401	22718	22544	22554	0.70	cps
Molybdenum	97-1	4117	4317	4301	4245	2.61	cps
Molybdenum	98-1	10591	10327	10210	10376	1.88	cps
Neodymium	150-1	77505	79211	77827	78181	1.16	cps
Neodymium	150-2	45042	44383	44353	44593	0.87	cps
Nickel	60-2	581534	573359	568150	574348	1.17	cps
Phosphorus	31-2	16045	15588	15318	15650	2.35	cps
Potassium	39-2	1844419	1851815	1842260	1846165	0.27	cps
Rhodium	103-1	13896044	13956187	13996682	13949638	0.36	cps
Rhodium	103-2	8587418	8650720	8609700	8615946	0.37	cps
Scandium	45-1	11828601	11599584	11673466	11700550	1.00	cps
Scandium	45-2	1049021	1058448	1043338	1050269	0.73	cps
Selenium	82-1	866	835	974	892	8.19	cps
Selenium	77-2	270	237	267	258	7.12	cps
Selenium	78-2	703	720	673	699	3.38	cps
Silicon	28-1	63409374	64247752	62676272	63444466	1.24	cps
Silver	107-1	8009	8379	8476	8288	2.97	cps
Silver	109-1	7822	8156	8186	8055	2.51	cps
Sodium	23-2	309447	309821	314098	311122	0.83	cps
Strontium	86-1	284475	288842	290259	287858	1.05	cps
Strontium	88-1	2523698	2582897	2563153	2556583	1.18	cps
Sulfur	34-1	277059	276031	275784	276291	0.24	cps
Terbium	159-1	17635264	17354023	17358285	17449190	0.92	cps
Terbium	159-2	11409769	11415928	11388326	11404674	0.13	cps
Thallium	203-1	2674	3024	3227	2975	9.41	cps
Thallium	205-1	6592	7039	7462	7031	6.19	cps
Tin	118-1	32376	33018	32553	32649	1.01	cps
Titanium	47-1	4660677	4673683	4642358	4658906	0.34	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26102	26583	25929	26205	1.29	cps
Vanadium	51-2	1843614	1816789	1785434	1815279	1.60	cps
Yttrium	89-1	25423475	25462907	25747428	25544604	0.69	cps
Yttrium	89-2	6179257	6089759	6178849	6149288	0.84	cps
Zinc	66-2	201923	200819	202704	201815	0.47	cps
Zirconium	90-1	152716	156380	153389	154161	1.27	cps
Zirconium	91-1	34855	35055	35082	34997	0.35	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19032040	18970759	19006138	19002979	0.16	cps
Antimony	121-1	21753	22167	22214	22045	1.15	cps
Arsenic	75-2	142961	144186	142991	143379	0.49	cps
Barium	135-1	2014998	2032563	1983019	2010194	1.25	cps
Barium	137-1	3384267	3486821	3494891	3455326	1.78	cps
Beryllium	9-1	5060	5147	4998	5068	1.47	cps
Bismuth	209-1	9769944	9628443	9743658	9714015	0.77	cps
Bismuth	209-2	7600438	7671095	7613550	7628361	0.49	cps
Bromine	81-1	18231	19189	18385	18602	2.77	cps
Bromine	81-2	1527	1570	1567	1555	1.55	cps
Cadmium	108-1	700	717	740	719	2.80	cps
Cadmium	106-1	6635	6698	6218	6517	4.00	cps
Cadmium	111-1	9075	9411	8896	9127	2.87	cps
Calcium	43-1	4981669	5074186	4999851	5018569	0.98	cps
Calcium	44-1	80202384	82087877	81879665	81389975	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787921	778211	773255	779796	0.96	cps
Cobalt	59-2	622550	620985	611018	618184	1.01	cps
Copper	63-2	3438591	3378339	3334605	3383845	1.54	cps
Dysprosium	156-1	102813	105456	104418	104229	1.28	cps
Dysprosium	156-2	84522	86635	85458	85538	1.24	cps
Erbium	164-1	81019	81968	82478	81822	0.90	cps
Erbium	164-2	55379	55881	55670	55644	0.45	cps
Gadolinium	160-1	94133	96264	96338	95579	1.31	cps
Gadolinium	160-2	69254	69823	69662	69580	0.42	cps
Holmium	165-1	16685196	16824832	16898663	16802897	0.65	cps
Holmium	165-2	11468968	11518742	11511517	11499742	0.23	cps
Indium	115-1	14618375	14466310	14470904	14518529	0.60	cps
Indium	115-2	4899979	4828975	4820170	4849708	0.90	cps
Iron	56-2	651141284	653560764	641199017	648633688	1.01	cps
Iron	57-2	16322169	16343790	16073604	16246521	0.92	cps
Iron	54-2	35633164	36399748	36049272	36027394	1.07	cps
Krypton	83-1	527	517	567	537	4.93	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	860154	875190	874777	870040	0.98	cps
Lead	207-1	744352	759550	758986	754296	1.14	cps
Lead	208-1	3612232	3641682	3668524	3640813	0.77	cps
Lithium	6-1	2038735	1927384	1948727	1971615	3.00	cps
Magnesium	24-2	17251919	17375530	17310790	17312746	0.36	cps
Manganese	55-2	27512037	28037465	28093600	27881034	1.15	cps
Molybdenum	94-1	144536	148804	147013	146785	1.46	cps
Molybdenum	95-1	8599	8996	8606	8734	2.60	cps
Molybdenum	96-1	37234	38106	37104	37481	1.45	cps
Molybdenum	97-1	4691	5264	5021	4992	5.77	cps
Molybdenum	98-1	12595	12629	12646	12623	0.20	cps
Neodymium	150-1	194231	198560	200449	197747	1.61	cps
Neodymium	150-2	113853	113970	113755	113859	0.09	cps
Nickel	60-2	316643	317350	313962	315985	0.57	cps
Phosphorus	31-2	65700	67156	65991	66283	1.16	cps
Potassium	39-2	8169383	8202451	8220820	8197551	0.32	cps
Rhodium	103-1	14247154	14138375	14163429	14182986	0.40	cps
Rhodium	103-2	8596506	8601208	8630087	8609267	0.21	cps
Scandium	45-1	11511506	11361276	11343842	11405541	0.81	cps
Scandium	45-2	1024732	1033999	1024599	1027777	0.52	cps
Selenium	82-1	1032	1070	1021	1041	2.48	cps
Selenium	77-2	473	460	543	492	9.09	cps
Selenium	78-2	927	947	937	937	1.07	cps
Silicon	28-1	60237999	61028551	60287636	60518062	0.73	cps
Silver	107-1	19403	20605	20568	20192	3.38	cps
Silver	109-1	18579	18989	19420	18996	2.21	cps
Sodium	23-2	366017	371902	371162	369694	0.87	cps
Strontium	86-1	453235	462631	460537	458801	1.08	cps
Strontium	88-1	4033062	4097814	4036971	4055949	0.90	cps
Sulfur	34-1	389827	395755	394432	393338	0.79	cps
Terbium	159-1	17527916	17625125	17570333	17574458	0.28	cps
Terbium	159-2	11618569	11498434	11512854	11543286	0.57	cps
Thallium	203-1	6868	7279	7485	7211	4.36	cps
Thallium	205-1	16260	16974	16510	16581	2.19	cps
Tin	118-1	53001	53505	53041	53182	0.53	cps
Titanium	47-1	2320789	2305842	2314258	2313630	0.32	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27241	27585	27722	27516	0.90	cps
Vanadium	51-2	1378070	1339577	1371356	1363001	1.51	cps
Yttrium	89-1	26353355	26296039	25945366	26198253	0.84	cps
Yttrium	89-2	6339228	6393775	6367643	6366882	0.43	cps
Zinc	66-2	434925	434856	431330	433704	0.47	cps
Zirconium	90-1	387351	398447	394717	393505	1.43	cps
Zirconium	91-1	86090	86882	87146	86706	0.63	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16731974	16607477	16586615	16642022	0.47	cps
Antimony	121-1	22922	23219	23049	23063	0.65	cps
Arsenic	75-2	135027	135449	134822	135099	0.24	cps
Barium	135-1	1852678	1829587	1840315	1840860	0.63	cps
Barium	137-1	3167350	3198248	3273238	3212945	1.69	cps
Beryllium	9-1	4319	4463	4261	4348	2.40	cps
Bismuth	209-1	9746093	9865408	9623906	9745136	1.24	cps
Bismuth	209-2	7662333	7675861	7652781	7663658	0.15	cps
Bromine	81-1	18348	18405	19123	18625	2.32	cps
Bromine	81-2	1820	1777	1777	1791	1.40	cps
Cadmium	108-1	587	510	483	527	10.19	cps
Cadmium	106-1	6478	6368	6098	6315	3.10	cps
Cadmium	111-1	8151	8131	7884	8056	1.85	cps
Calcium	43-1	4898798	5093543	4965338	4985893	1.99	cps
Calcium	44-1	79900590	80717325	80647605	80421840	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	699451	697112	696429	697664	0.23	cps
Cobalt	59-2	513955	513522	514138	513872	0.06	cps
Copper	63-2	1584072	1519552	1544578	1549401	2.10	cps
Dysprosium	156-1	90670	91952	92512	91711	1.03	cps
Dysprosium	156-2	74922	74456	75193	74857	0.50	cps
Erbium	164-1	72326	74239	73116	73227	1.31	cps
Erbium	164-2	49377	49002	49862	49414	0.87	cps
Gadolinium	160-1	84191	86424	85881	85499	1.36	cps
Gadolinium	160-2	62090	60831	61672	61531	1.04	cps
Holmium	165-1	16931204	16866752	16776107	16858021	0.46	cps
Holmium	165-2	11559231	11391839	11410921	11453997	0.80	cps
Indium	115-1	14645953	14840969	14528377	14671766	1.08	cps
Indium	115-2	4915455	4864391	4875792	4885213	0.55	cps
Iron	56-2	541165925	535970339	546685099	541273787	0.99	cps
Iron	57-2	13534923	13598161	13490071	13541051	0.40	cps
Iron	54-2	30486866	29991548	30042523	30173646	0.90	cps
Krypton	83-1	557	510	563	543	5.35	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	625930	637198	634738	632622	0.94	cps
Lead	207-1	543228	553445	549491	548721	0.94	cps
Lead	208-1	2482628	2510189	2510429	2501082	0.64	cps
Lithium	6-1	1958080	1897760	1990961	1948934	2.43	cps
Magnesium	24-2	14783444	14463402	14980813	14742553	1.77	cps
Manganese	55-2	18287917	18015058	18232448	18178474	0.79	cps
Molybdenum	94-1	123426	125230	124692	124449	0.74	cps
Molybdenum	95-1	8929	9366	8869	9055	3.00	cps
Molybdenum	96-1	32964	33665	33154	33261	1.09	cps
Molybdenum	97-1	5234	5348	5171	5251	1.71	cps
Molybdenum	98-1	13083	12886	13453	13140	2.19	cps
Neodymium	150-1	176222	179390	177915	177842	0.89	cps
Neodymium	150-2	100264	98961	100763	99996	0.93	cps
Nickel	60-2	270335	272186	271602	271374	0.35	cps
Phosphorus	31-2	53052	52229	52202	52494	0.92	cps
Potassium	39-2	6216664	6177820	6215976	6203487	0.36	cps
Rhodium	103-1	14256506	14137410	14204730	14199549	0.42	cps
Rhodium	103-2	8632964	8670791	8624333	8642696	0.29	cps
Scandium	45-1	11428964	11265069	11231688	11308574	0.93	cps
Scandium	45-2	1033946	1021409	1019724	1025026	0.76	cps
Selenium	82-1	885	964	967	939	4.97	cps
Selenium	77-2	423	433	420	426	1.63	cps
Selenium	78-2	843	943	870	886	5.85	cps
Silicon	28-1	61437426	60984619	59934491	60785512	1.27	cps
Silver	107-1	10694	10457	10938	10696	2.25	cps
Silver	109-1	10421	10254	10901	10525	3.19	cps
Sodium	23-2	309609	310751	315197	311852	0.95	cps
Strontium	86-1	419190	422090	421420	420900	0.36	cps
Strontium	88-1	3684830	3720947	3690114	3698630	0.53	cps
Sulfur	34-1	371591	368400	369108	369700	0.45	cps
Terbium	159-1	17675503	17622890	17500690	17599694	0.51	cps
Terbium	159-2	11657606	11570368	11568397	11598791	0.44	cps
Thallium	203-1	5404	5921	5711	5679	4.58	cps
Thallium	205-1	12940	13690	13577	13402	3.02	cps
Tin	118-1	56778	57441	57893	57371	0.98	cps
Titanium	47-1	2185230	2221642	2175766	2194212	1.10	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24443	24967	25364	24925	1.85	cps
Vanadium	51-2	1197272	1191175	1196846	1195098	0.28	cps
Yttrium	89-1	26183832	25594465	26054296	25944198	1.19	cps
Yttrium	89-2	6365898	6335169	6384694	6361921	0.39	cps
Zinc	66-2	301715	302543	301177	301812	0.23	cps
Zirconium	90-1	325805	328919	335924	330216	1.57	cps
Zirconium	91-1	74437	73385	74850	74224	1.02	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18870803	18525014	18321276	18572364	1.50	cps
Antimony	121-1	23910	24371	24391	24224	1.12	cps
Arsenic	75-2	154966	154060	154306	154444	0.30	cps
Barium	135-1	1610516	1583718	1641919	1612051	1.81	cps
Barium	137-1	2824995	2789084	2851895	2821991	1.12	cps
Beryllium	9-1	4838	4841	4992	4890	1.80	cps
Bismuth	209-1	9853733	9823118	9638516	9771789	1.19	cps
Bismuth	209-2	7513069	7510905	7712428	7578801	1.53	cps
Bromine	81-1	21940	22330	22414	22228	1.14	cps
Bromine	81-2	2080	2287	2150	2172	4.84	cps
Cadmium	108-1	397	353	450	400	12.10	cps
Cadmium	106-1	6125	6185	6098	6136	0.72	cps
Cadmium	111-1	6030	6029	5807	5955	2.15	cps
Calcium	43-1	6927537	6867386	7050825	6948583	1.35	cps
Calcium	44-1	113294858	111011092	112872735	112392895	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	774362	761469	766284	767371	0.85	cps
Cobalt	59-2	548443	547651	547858	547984	0.08	cps
Copper	63-2	981166	980939	960171	974092	1.24	cps
Dysprosium	156-1	96455	96404	97498	96786	0.64	cps
Dysprosium	156-2	79343	78783	79728	79285	0.60	cps
Erbium	164-1	75526	76330	77034	76297	0.99	cps
Erbium	164-2	51016	50384	50752	50717	0.63	cps
Gadolinium	160-1	89678	91872	92178	91243	1.49	cps
Gadolinium	160-2	65100	65707	64186	64998	1.18	cps
Holmium	165-1	16670212	16518070	16732472	16640251	0.66	cps
Holmium	165-2	11533381	11453699	11375540	11454207	0.69	cps
Indium	115-1	14770400	14508800	14764141	14681114	1.02	cps
Indium	115-2	4834638	4788903	4847309	4823617	0.64	cps
Iron	56-2	591649111	588334791	586619738	588867880	0.43	cps
Iron	57-2	14712574	14725792	14832164	14756843	0.44	cps
Iron	54-2	32685028	32235084	32364607	32428240	0.71	cps
Krypton	83-1	363	517	527	469	19.53	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310402	311094	311668	311055	0.20	cps
Lead	207-1	263949	261693	267933	264525	1.19	cps
Lead	208-1	1205605	1219934	1227174	1217571	0.90	cps
Lithium	6-1	1926816	1990050	1954887	1957251	1.62	cps
Magnesium	24-2	15737428	15781125	15556039	15691531	0.76	cps
Manganese	55-2	13973363	13668125	14013804	13885097	1.36	cps
Molybdenum	94-1	107209	111179	110791	109726	1.99	cps
Molybdenum	95-1	6865	7128	7095	7030	2.04	cps
Molybdenum	96-1	29096	30412	30081	29863	2.29	cps
Molybdenum	97-1	3941	4161	4204	4102	3.44	cps
Molybdenum	98-1	10547	10180	10591	10439	2.16	cps
Neodymium	150-1	190008	192034	193206	191749	0.84	cps
Neodymium	150-2	107785	107902	106928	107539	0.49	cps
Nickel	60-2	303894	302955	304243	303697	0.22	cps
Phosphorus	31-2	48286	47413	46457	47385	1.93	cps
Potassium	39-2	6195447	6301911	6258748	6252035	0.86	cps
Rhodium	103-1	14189484	14171044	14291507	14217345	0.46	cps
Rhodium	103-2	8527993	8590155	8648930	8589026	0.70	cps
Scandium	45-1	11638080	11160315	11511366	11436587	2.16	cps
Scandium	45-2	1023024	1018326	1017353	1019568	0.30	cps
Selenium	82-1	1046	924	950	973	6.65	cps
Selenium	77-2	500	423	460	461	8.32	cps
Selenium	78-2	767	843	813	808	4.78	cps
Silicon	28-1	58262497	60804599	59399674	59488924	2.14	cps
Silver	107-1	3440	3440	3767	3549	5.31	cps
Silver	109-1	3134	3517	3500	3384	6.40	cps
Sodium	23-2	307081	306988	310275	308115	0.61	cps
Strontium	86-1	482386	494712	493639	490246	1.39	cps
Strontium	88-1	4179374	4266906	4304046	4250108	1.51	cps
Sulfur	34-1	367054	363500	365138	365231	0.49	cps
Terbium	159-1	17876230	17676423	17597504	17716719	0.81	cps
Terbium	159-2	11553731	11613612	11455716	11541020	0.69	cps
Thallium	203-1	4864	4921	4854	4880	0.74	cps
Thallium	205-1	10984	11438	11261	11228	2.04	cps
Tin	118-1	37028	37666	38177	37624	1.53	cps
Titanium	47-1	2509309	2433042	2497918	2480090	1.66	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27345	27716	28176	27746	1.50	cps
Vanadium	51-2	1292872	1288713	1278013	1286533	0.60	cps
Yttrium	89-1	25500778	25559107	25718115	25592667	0.44	cps
Yttrium	89-2	6328469	6406604	6296436	6343836	0.89	cps
Zinc	66-2	227311	224351	224378	225347	0.75	cps
Zirconium	90-1	295729	295383	300555	297222	0.97	cps
Zirconium	91-1	63530	65797	67022	65450	2.71	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20397053	20149274	19992762	20179697	1.01	cps
Antimony	121-1	17284	17968	17411	17554	2.07	cps
Arsenic	75-2	176719	177295	176557	176857	0.22	cps
Barium	135-1	2113116	2141870	2098185	2117724	1.05	cps
Barium	137-1	3625893	3670370	3641480	3645914	0.62	cps
Beryllium	9-1	5613	5488	5604	5568	1.25	cps
Bismuth	209-1	9686737	9730338	9714167	9710414	0.23	cps
Bismuth	209-2	7539209	7544392	7530926	7538176	0.09	cps
Bromine	81-1	21292	22070	23041	22134	3.96	cps
Bromine	81-2	2280	2224	2300	2268	1.75	cps
Cadmium	108-1	407	453	457	439	6.37	cps
Cadmium	106-1	6398	6168	5891	6152	4.13	cps
Cadmium	111-1	5831	5830	5404	5689	4.33	cps
Calcium	43-1	6859646	7135006	7110206	7034953	2.17	cps
Calcium	44-1	113835885	115240328	113909025	114328413	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	826488	819014	815182	820228	0.70	cps
Cobalt	59-2	633111	631092	633583	632595	0.21	cps
Copper	63-2	957222	948846	942844	949637	0.76	cps
Dysprosium	156-1	106883	107413	107478	107258	0.30	cps
Dysprosium	156-2	86058	86373	86893	86442	0.49	cps
Erbium	164-1	83045	83863	83373	83427	0.49	cps
Erbium	164-2	56711	55479	55908	56033	1.12	cps
Gadolinium	160-1	97691	99544	98218	98484	0.97	cps
Gadolinium	160-2	69799	69896	69655	69784	0.17	cps
Holmium	165-1	17100921	16948856	16873386	16974388	0.68	cps
Holmium	165-2	11340540	11443214	11439401	11407718	0.51	cps
Indium	115-1	14610696	14690619	14504371	14601895	0.64	cps
Indium	115-2	4797329	4867000	4871318	4845216	0.86	cps
Iron	56-2	660885617	655958270	657377417	658073768	0.39	cps
Iron	57-2	16511896	16351717	16418620	16427411	0.49	cps
Iron	54-2	36308593	36150515	36273982	36244363	0.23	cps
Krypton	83-1	617	527	507	550	10.65	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	267018	272456	268611	269362	1.04	cps
Lead	207-1	223486	225159	225895	224847	0.55	cps
Lead	208-1	1036556	1049268	1047434	1044419	0.66	cps
Lithium	6-1	1931145	1974172	1837055	1914124	3.66	cps
Magnesium	24-2	17596972	17500455	17647970	17581799	0.43	cps
Manganese	55-2	19687425	19746763	19838433	19757541	0.39	cps
Molybdenum	94-1	129171	130169	130088	129809	0.43	cps
Molybdenum	95-1	8829	9030	9046	8968	1.35	cps
Molybdenum	96-1	34414	36118	35420	35317	2.43	cps
Molybdenum	97-1	5251	5351	5564	5389	2.97	cps
Molybdenum	98-1	13843	13526	13023	13464	3.07	cps
Neodymium	150-1	200810	204438	202734	202660	0.90	cps
Neodymium	150-2	115878	114289	115976	115381	0.82	cps
Nickel	60-2	336815	332085	333312	334071	0.73	cps
Phosphorus	31-2	48012	48263	48323	48199	0.34	cps
Potassium	39-2	6470718	6525813	6467708	6488080	0.50	cps
Rhodium	103-1	14156727	14010560	13925800	14031029	0.83	cps
Rhodium	103-2	8494675	8645913	8590102	8576897	0.89	cps
Scandium	45-1	11288305	11414095	11451568	11384656	0.75	cps
Scandium	45-2	1016970	1033496	1033045	1027837	0.92	cps
Selenium	82-1	786	1054	1036	959	15.60	cps
Selenium	77-2	467	473	527	489	6.73	cps
Selenium	78-2	883	877	873	878	0.58	cps
Silicon	28-1	58776014	59835027	58332364	58981135	1.31	cps
Silver	107-1	2550	2667	2780	2666	4.31	cps
Silver	109-1	2237	2487	2540	2421	6.69	cps
Sodium	23-2	306152	308562	314398	309704	1.37	cps
Strontium	86-1	557155	561944	566493	561864	0.83	cps
Strontium	88-1	4986956	4969644	4966356	4974319	0.22	cps
Sulfur	34-1	362675	360873	364124	362557	0.45	cps
Terbium	159-1	17628880	17665852	17485161	17593298	0.54	cps
Terbium	159-2	11503973	11424321	11326267	11418187	0.78	cps
Thallium	203-1	5121	5201	5111	5144	0.96	cps
Thallium	205-1	12456	12429	12366	12417	0.37	cps
Tin	118-1	32587	33800	33820	33402	2.11	cps
Titanium	47-1	2347184	2356776	2391998	2365319	1.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30067	30729	29633	30143	1.83	cps
Vanadium	51-2	1475473	1465887	1425906	1455755	1.81	cps
Yttrium	89-1	25830356	25892205	25681697	25801420	0.42	cps
Yttrium	89-2	6370870	6323937	6352922	6349243	0.37	cps
Zinc	66-2	222169	221510	220907	221528	0.28	cps
Zirconium	90-1	344844	348307	348853	347335	0.63	cps
Zirconium	91-1	76387	77634	76434	76819	0.92	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22668129	22694275	22807385	22723263	0.33	cps
Antimony	121-1	18345	18919	19096	18787	2.09	cps
Arsenic	75-2	205286	203347	204050	204228	0.48	cps
Barium	135-1	2029767	2023974	2030500	2028080	0.18	cps
Barium	137-1	3469354	3568499	3470533	3502795	1.62	cps
Beryllium	9-1	5672	5495	5563	5577	1.61	cps
Bismuth	209-1	9871069	9740390	9813669	9808376	0.67	cps
Bismuth	209-2	7527347	7599564	7580188	7569033	0.49	cps
Bromine	81-1	22350	22744	23015	22703	1.47	cps
Bromine	81-2	2480	2534	2410	2475	2.50	cps
Cadmium	108-1	470	437	467	458	4.01	cps
Cadmium	106-1	6358	6235	6181	6258	1.45	cps
Cadmium	111-1	6409	6159	6147	6238	2.37	cps
Calcium	43-1	7083406	7138519	7086513	7102813	0.44	cps
Calcium	44-1	114272302	116043302	116079655	115465086	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008697	998188	990548	999144	0.91	cps
Cobalt	59-2	694715	692154	689435	692101	0.38	cps
Copper	63-2	1155928	1150952	1157267	1154716	0.29	cps
Dysprosium	156-1	115178	115924	115873	115658	0.36	cps
Dysprosium	156-2	94374	95120	93800	94432	0.70	cps
Erbium	164-1	88112	89706	89128	88982	0.91	cps
Erbium	164-2	59058	59529	58940	59176	0.53	cps
Gadolinium	160-1	105423	106843	107300	106522	0.92	cps
Gadolinium	160-2	75814	75013	75331	75386	0.53	cps
Holmium	165-1	16966032	16883622	16971484	16940379	0.29	cps
Holmium	165-2	11394603	11477374	11474115	11448697	0.41	cps
Indium	115-1	14496216	14250453	14635247	14460639	1.35	cps
Indium	115-2	4741513	4850964	4813644	4802041	1.16	cps
Iron	56-2	731198042	731780282	721474283	728150869	0.80	cps
Iron	57-2	18165392	18286163	17962876	18138144	0.90	cps
Iron	54-2	39886580	40273753	40060876	40073736	0.48	cps
Krypton	83-1	590	570	493	551	9.26	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	342939	340714	343417	342357	0.42	cps
Lead	207-1	283878	290780	289513	288057	1.28	cps
Lead	208-1	1319866	1333125	1335089	1329360	0.62	cps
Lithium	6-1	1974612	1841565	1937273	1917817	3.58	cps
Magnesium	24-2	20268541	20308544	19885386	20154157	1.16	cps
Manganese	55-2	17600444	17849020	17672118	17707194	0.72	cps
Molybdenum	94-1	127960	130555	132753	130423	1.84	cps
Molybdenum	95-1	7762	8009	7932	7901	1.60	cps
Molybdenum	96-1	35082	35797	35196	35358	1.09	cps
Molybdenum	97-1	5031	4828	4711	4856	3.34	cps
Molybdenum	98-1	12155	11928	11571	11885	2.48	cps
Neodymium	150-1	218347	220096	221291	219911	0.67	cps
Neodymium	150-2	125860	123168	123721	124250	1.14	cps
Nickel	60-2	374177	375105	375006	374763	0.14	cps
Phosphorus	31-2	56427	56333	56089	56283	0.31	cps
Potassium	39-2	7518855	7486219	7434053	7479709	0.57	cps
Rhodium	103-1	14096179	13741911	14089424	13975838	1.45	cps
Rhodium	103-2	8602454	8643281	8686161	8643965	0.48	cps
Scandium	45-1	11450405	11272987	11495404	11406265	1.03	cps
Scandium	45-2	1020532	1032217	1023710	1025486	0.59	cps
Selenium	82-1	968	916	1100	994	9.55	cps
Selenium	77-2	590	500	550	547	8.25	cps
Selenium	78-2	900	1020	923	948	6.71	cps
Silicon	28-1	60327822	59851282	60536519	60238541	0.58	cps
Silver	107-1	3350	3494	3340	3395	2.53	cps
Silver	109-1	2940	2940	3287	3056	6.55	cps
Sodium	23-2	334526	337638	344713	338959	1.54	cps
Strontium	86-1	525598	532065	533670	530444	0.81	cps
Strontium	88-1	4638506	4724226	4731137	4697956	1.10	cps
Sulfur	34-1	369757	368574	365360	367897	0.62	cps
Terbium	159-1	17687183	17394580	17597428	17559730	0.85	cps
Terbium	159-2	11502828	11473685	11401132	11459215	0.46	cps
Thallium	203-1	6355	6071	6058	6161	2.72	cps
Thallium	205-1	14568	14831	14798	14733	0.97	cps
Tin	118-1	36570	37586	36884	37013	1.41	cps
Titanium	47-1	2486413	2493270	2512681	2497455	0.55	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33679	33058	32994	33244	1.14	cps
Vanadium	51-2	1651178	1647177	1645197	1647851	0.18	cps
Yttrium	89-1	26372266	26318665	26433415	26374782	0.22	cps
Yttrium	89-2	6349629	6438361	6401322	6396437	0.70	cps
Zinc	66-2	263615	266224	266431	265423	0.59	cps
Zirconium	90-1	345774	348336	351674	348595	0.85	cps
Zirconium	91-1	77218	77640	78534	77798	0.86	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24404340	24204877	24199296	24269505	0.48	cps
Antimony	121-1	10534	10661	10717	10637	0.88	cps
Arsenic	75-2	99538	101128	100309	100325	0.79	cps
Barium	135-1	2295018	2291020	2293264	2293100	0.09	cps
Barium	137-1	3913581	3951665	3984756	3950001	0.90	cps
Beryllium	9-1	6195	6389	6059	6214	2.67	cps
Bismuth	209-1	9952798	10115922	9656039	9908253	2.35	cps
Bismuth	209-2	7697963	7598773	7549990	7615575	0.99	cps
Bromine	81-1	16573	17978	17187	17246	4.08	cps
Bromine	81-2	1350	1383	1323	1352	2.22	cps
Cadmium	108-1	630	617	577	608	4.57	cps
Cadmium	106-1	6782	6385	6355	6507	3.66	cps
Cadmium	111-1	7026	6571	6605	6734	3.77	cps
Calcium	43-1	803235	824058	833926	820406	1.91	cps
Calcium	44-1	12668316	12814080	12468573	12650323	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1139629	1139738	1137561	1138976	0.11	cps
Cobalt	59-2	816929	807342	814940	813071	0.62	cps
Copper	63-2	1594771	1572324	1569349	1578814	0.88	cps
Dysprosium	156-1	115854	114012	117923	115930	1.69	cps
Dysprosium	156-2	92257	93122	92005	92462	0.63	cps
Erbium	164-1	94188	95453	93023	94221	1.29	cps
Erbium	164-2	62626	62495	62723	62615	0.18	cps
Gadolinium	160-1	104110	107582	108331	106674	2.11	cps
Gadolinium	160-2	76628	75378	76766	76257	1.00	cps
Holmium	165-1	17061881	16958578	16919804	16980087	0.43	cps
Holmium	165-2	11558049	11412923	11375330	11448767	0.84	cps
Indium	115-1	14453458	14658388	14346072	14485973	1.10	cps
Indium	115-2	4842444	4771726	4818184	4810784	0.75	cps
Iron	56-2	840425561	824129454	838181428	834245481	1.06	cps
Iron	57-2	20603866	20474432	20516278	20531525	0.32	cps
Iron	54-2	46048744	45740559	45197043	45662115	0.94	cps
Krypton	83-1	567	607	577	583	3.57	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	424788	422974	419273	422345	0.67	cps
Lead	207-1	354982	359599	369864	361482	2.11	cps
Lead	208-1	1636838	1656202	1650580	1647874	0.60	cps
Lithium	6-1	1851786	1970197	1828601	1883528	4.03	cps
Magnesium	24-2	22183548	22153591	21626408	21987849	1.43	cps
Manganese	55-2	29903220	29476814	29855303	29745112	0.79	cps
Molybdenum	94-1	194264	196389	200253	196969	1.54	cps
Molybdenum	95-1	8996	9043	9263	9101	1.57	cps
Molybdenum	96-1	48728	49366	47708	48601	1.72	cps
Molybdenum	97-1	5271	5324	5491	5362	2.14	cps
Molybdenum	98-1	13253	13883	13283	13473	2.64	cps
Neodymium	150-1	208213	214714	207949	210292	1.82	cps
Neodymium	150-2	117108	116174	117977	117086	0.77	cps
Nickel	60-2	356231	351964	350029	352741	0.90	cps
Phosphorus	31-2	52747	53125	53242	53038	0.49	cps
Potassium	39-2	9479712	9640840	9550531	9557028	0.85	cps
Rhodium	103-1	14692902	14687639	13986927	14455823	2.81	cps
Rhodium	103-2	8664931	8605454	8674897	8648428	0.43	cps
Scandium	45-1	11472351	11679702	11441296	11531116	1.12	cps
Scandium	45-2	1042799	1036667	1030484	1036650	0.59	cps
Selenium	82-1	807	823	890	840	5.24	cps
Selenium	77-2	590	530	463	528	12.01	cps
Selenium	78-2	820	877	903	867	4.91	cps
Silicon	28-1	69253154	70622936	66652882	68842991	2.93	cps
Silver	107-1	3911	4151	4221	4094	3.97	cps
Silver	109-1	3424	3607	3450	3494	2.84	cps
Sodium	23-2	371776	381764	376452	376664	1.33	cps
Strontium	86-1	490468	491204	495979	492550	0.61	cps
Strontium	88-1	4268365	4361114	4437608	4355696	1.95	cps
Sulfur	34-1	314236	288658	276602	293165	6.56	cps
Terbium	159-1	17598874	17766327	18307068	17890757	2.07	cps
Terbium	159-2	11580264	11513944	11379482	11491230	0.89	cps
Thallium	203-1	5341	5758	5688	5596	3.99	cps
Thallium	205-1	12653	13687	12960	13100	4.06	cps
Tin	118-1	37195	38110	36881	37395	1.71	cps
Titanium	47-1	2685304	2720369	2608867	2671513	2.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38947	39298	39853	39366	1.16	cps
Vanadium	51-2	1818618	1809425	1831871	1819971	0.62	cps
Yttrium	89-1	25905378	26292845	26900500	26366241	1.90	cps
Yttrium	89-2	6392210	6260278	6306706	6319731	1.06	cps
Zinc	66-2	317662	317281	316244	317062	0.23	cps
Zirconium	90-1	519215	539450	529855	529507	1.91	cps
Zirconium	91-1	119022	120729	118430	119394	1.00	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20896589	21314456	21068884	21093310	1.00	cps
Antimony	121-1	16543	16610	16586	16580	0.20	cps
Arsenic	75-2	125818	125364	125192	125458	0.26	cps
Barium	135-1	1301537	1309530	1313953	1308340	0.48	cps
Barium	137-1	2397742	2411732	2446195	2418556	1.03	cps
Beryllium	9-1	4329	4433	4105	4289	3.91	cps
Bismuth	209-1	9814502	9836729	9898374	9849869	0.44	cps
Bismuth	209-2	7591031	7568533	7608492	7589352	0.26	cps
Bromine	81-1	15228	15155	15208	15197	0.25	cps
Bromine	81-2	1010	1020	897	976	7.02	cps
Cadmium	108-1	850	770	777	799	5.56	cps
Cadmium	106-1	6245	6301	6335	6294	0.72	cps
Cadmium	111-1	6490	6746	6874	6703	2.92	cps
Calcium	43-1	667460	673242	668335	669679	0.47	cps
Calcium	44-1	10108955	10323934	10280966	10237952	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1058763	1053745	1057082	1056530	0.24	cps
Cobalt	59-2	712771	710643	702666	708693	0.75	cps
Copper	63-2	1782999	1778999	1739566	1767188	1.36	cps
Dysprosium	156-1	79939	81428	79547	80305	1.24	cps
Dysprosium	156-2	63098	63141	63888	63376	0.70	cps
Erbium	164-1	67324	69438	68939	68567	1.61	cps
Erbium	164-2	46571	46263	46611	46482	0.41	cps
Gadolinium	160-1	75861	77027	78227	77038	1.54	cps
Gadolinium	160-2	55961	55446	54174	55194	1.67	cps
Holmium	165-1	17048918	16954041	16993311	16998756	0.28	cps
Holmium	165-2	11392716	11540187	11423369	11452091	0.68	cps
Indium	115-1	14591160	14719891	14603338	14638130	0.49	cps
Indium	115-2	4820575	4877611	4809317	4835834	0.76	cps
Iron	56-2	778836708	773123562	771755935	774572068	0.48	cps
Iron	57-2	19462219	19117710	19253907	19277945	0.90	cps
Iron	54-2	43455216	42345339	42824063	42874873	1.30	cps
Krypton	83-1	570	430	507	502	13.96	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357618	357371	363152	359380	0.91	cps
Lead	207-1	310877	314422	312048	312449	0.58	cps
Lead	208-1	1419341	1423986	1427111	1423479	0.27	cps
Lithium	6-1	1994465	1936834	1963619	1964973	1.47	cps
Magnesium	24-2	19607025	19704700	19308000	19539908	1.06	cps
Manganese	55-2	21353245	20902353	20876755	21044118	1.27	cps
Molybdenum	94-1	152780	156834	156824	155479	1.50	cps
Molybdenum	95-1	8826	8743	9583	9051	5.12	cps
Molybdenum	96-1	40820	40783	40717	40773	0.13	cps
Molybdenum	97-1	5211	5198	5484	5298	3.06	cps
Molybdenum	98-1	13470	13466	13066	13334	1.74	cps
Neodymium	150-1	136191	137756	137823	137256	0.67	cps
Neodymium	150-2	77381	77629	77937	77649	0.36	cps
Nickel	60-2	289094	286053	284366	286504	0.84	cps
Phosphorus	31-2	29121	28710	29178	29003	0.88	cps
Potassium	39-2	5550412	5505993	5537873	5531426	0.41	cps
Rhodium	103-1	14201765	14152183	14241522	14198490	0.32	cps
Rhodium	103-2	8675248	8648878	8656194	8660106	0.16	cps
Scandium	45-1	11302655	11452675	11276155	11343828	0.84	cps
Scandium	45-2	1023811	1028453	1031288	1027851	0.37	cps
Selenium	82-1	697	909	825	810	13.17	cps
Selenium	77-2	437	387	347	390	11.56	cps
Selenium	78-2	670	773	720	721	7.17	cps
Silicon	28-1	57550607	57540177	57373079	57487955	0.17	cps
Silver	107-1	4657	4664	5134	4819	5.67	cps
Silver	109-1	4224	4474	4404	4367	2.95	cps
Sodium	23-2	347256	348227	346676	347386	0.23	cps
Strontium	86-1	360110	364933	365308	363450	0.80	cps
Strontium	88-1	3227309	3243530	3171515	3214118	1.18	cps
Sulfur	34-1	259050	261627	260956	260544	0.51	cps
Terbium	159-1	17693980	17408833	17777969	17626927	1.10	cps
Terbium	159-2	11418650	11605181	11394917	11472916	1.00	cps
Thallium	203-1	3277	3267	3497	3347	3.88	cps
Thallium	205-1	8116	8039	7986	8047	0.81	cps
Tin	118-1	33696	33349	34428	33824	1.63	cps
Titanium	47-1	2547350	2588890	2591710	2575983	0.96	cps

Reviewed By:mohan
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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26566	27191	26640	26799	1.27	cps
Vanadium	51-2	1642792	1636838	1637504	1639045	0.20	cps
Yttrium	89-1	25655321	25796741	25537522	25663195	0.51	cps
Yttrium	89-2	6331338	6246519	6252991	6276949	0.75	cps
Zinc	66-2	277070	277258	273735	276021	0.72	cps
Zirconium	90-1	414715	423647	421238	419867	1.10	cps
Zirconium	91-1	92717	93378	93288	93128	0.38	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22623896	22352448	22533365	22503236	0.61	cps
Antimony	121-1	32634	32747	31615	32332	1.93	cps
Arsenic	75-2	159574	157910	154714	157399	1.57	cps
Barium	135-1	2234385	2224272	2260159	2239605	0.83	cps
Barium	137-1	3880102	3812538	3890365	3861002	1.10	cps
Beryllium	9-1	4213	4217	4261	4230	0.63	cps
Bismuth	209-1	9908073	9677372	9819455	9801633	1.19	cps
Bismuth	209-2	7702126	7758901	7779671	7746899	0.52	cps
Bromine	81-1	14714	14460	15208	14794	2.57	cps
Bromine	81-2	980	923	1043	982	6.11	cps
Cadmium	108-1	900	917	867	894	2.85	cps
Cadmium	106-1	6298	6198	6238	6245	0.81	cps
Cadmium	111-1	10494	10292	10668	10485	1.80	cps
Calcium	43-1	611148	604258	619056	611487	1.21	cps
Calcium	44-1	9319615	9331678	9408295	9353196	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1257413	1239883	1249359	1248885	0.70	cps
Cobalt	59-2	1044053	1021038	1033857	1032983	1.12	cps
Copper	63-2	3361333	3385013	3291045	3345797	1.46	cps
Dysprosium	156-1	84935	86705	86135	85925	1.05	cps
Dysprosium	156-2	67659	67129	67799	67529	0.52	cps
Erbium	164-1	73813	75646	73241	74233	1.69	cps
Erbium	164-2	48982	49380	49665	49342	0.69	cps
Gadolinium	160-1	82578	80285	81810	81557	1.43	cps
Gadolinium	160-2	58943	58230	57789	58321	1.00	cps
Holmium	165-1	17127514	16756281	16991462	16958419	1.11	cps
Holmium	165-2	11654908	11649246	11820833	11708329	0.83	cps
Indium	115-1	14674539	13996686	14734914	14468713	2.83	cps
Indium	115-2	4894579	4884367	4897726	4892224	0.14	cps
Iron	56-2	1015144732	1019316331	1018636038	1017699034	0.22	cps
Iron	57-2	25196691	25208450	25122597	25175913	0.18	cps
Iron	54-2	55956258	55999451	55728273	55894660	0.26	cps
Krypton	83-1	477	543	520	513	6.59	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	769211	791395	771292	777299	1.58	cps
Lead	207-1	689012	693424	693679	692038	0.38	cps
Lead	208-1	3313496	3125565	3319415	3252825	3.39	cps
Lithium	6-1	1931809	1823083	1864140	1873011	2.93	cps
Magnesium	24-2	22924076	22785150	22921202	22876810	0.35	cps
Manganese	55-2	37305557	37428181	37418446	37384061	0.18	cps
Molybdenum	94-1	148507	152097	152013	150872	1.36	cps
Molybdenum	95-1	24694	24391	24280	24455	0.88	cps
Molybdenum	96-1	55910	57365	57386	56887	1.49	cps
Molybdenum	97-1	14687	14988	14861	14845	1.02	cps
Molybdenum	98-1	37679	37328	38203	37736	1.17	cps
Neodymium	150-1	141293	143980	144217	143163	1.13	cps
Neodymium	150-2	81008	78826	80106	79980	1.37	cps
Nickel	60-2	342607	346548	345443	344866	0.59	cps
Phosphorus	31-2	38184	37359	38204	37916	1.27	cps
Potassium	39-2	5965687	5898405	5944065	5936053	0.58	cps
Rhodium	103-1	14238451	14044509	14114900	14132620	0.69	cps
Rhodium	103-2	8620665	8590786	8676494	8629315	0.50	cps
Scandium	45-1	11502439	11205679	11266667	11324928	1.38	cps
Scandium	45-2	1041282	1030765	1049587	1040545	0.91	cps
Selenium	82-1	940	934	1014	963	4.65	cps
Selenium	77-2	447	427	390	421	6.82	cps
Selenium	78-2	770	777	787	778	1.08	cps
Silicon	28-1	53264529	55009268	54323699	54199165	1.62	cps
Silver	107-1	11788	11725	11501	11671	1.29	cps
Silver	109-1	11044	10971	11121	11045	0.68	cps
Sodium	23-2	331545	332362	334211	332706	0.41	cps
Strontium	86-1	411309	427438	420840	419862	1.93	cps
Strontium	88-1	3620011	3644453	3669582	3644682	0.68	cps
Sulfur	34-1	263895	265207	262464	263855	0.52	cps
Terbium	159-1	17619529	16958504	17793536	17457189	2.52	cps
Terbium	159-2	11515277	11559027	11633252	11569185	0.52	cps
Thallium	203-1	3994	3884	3677	3852	4.17	cps
Thallium	205-1	8936	9247	9016	9066	1.78	cps
Tin	118-1	35734	37459	35684	36293	2.78	cps
Titanium	47-1	2453770	2472387	2480845	2469001	0.56	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28962	28083	29165	28737	2.00	cps
Vanadium	51-2	2032672	2006606	2022035	2020438	0.65	cps
Yttrium	89-1	25833192	24748995	25887640	25489942	2.52	cps
Yttrium	89-2	6173274	6258729	6246209	6226071	0.74	cps
Zinc	66-2	407297	407848	406159	407101	0.21	cps
Zirconium	90-1	377236	375280	382591	378369	1.00	cps
Zirconium	91-1	83167	85615	83905	84229	1.49	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23145002	23150313	23187791	23161035	0.10	cps
Antimony	121-1	11651	12305	12325	12094	3.17	cps
Arsenic	75-2	117948	117155	114306	116469	1.64	cps
Barium	135-1	1799684	1804966	1778706	1794452	0.77	cps
Barium	137-1	3058237	3111688	3096727	3088884	0.89	cps
Beryllium	9-1	5386	5256	5454	5366	1.88	cps
Bismuth	209-1	9823742	9660784	9759059	9747862	0.84	cps
Bismuth	209-2	7592925	7742667	7744686	7693426	1.13	cps
Bromine	81-1	15572	15538	15935	15682	1.40	cps
Bromine	81-2	1187	1213	1213	1205	1.28	cps
Cadmium	108-1	513	577	510	533	7.04	cps
Cadmium	106-1	6445	6068	5828	6114	5.09	cps
Cadmium	111-1	6382	6157	5883	6141	4.07	cps
Calcium	43-1	743894	756233	748928	749685	0.83	cps
Calcium	44-1	11385933	11449394	11424972	11420100	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1227343	1229786	1213710	1223613	0.71	cps
Cobalt	59-2	823993	819698	821586	821759	0.26	cps
Copper	63-2	1690040	1674582	1677943	1680855	0.48	cps
Dysprosium	156-1	96938	98845	98656	98146	1.07	cps
Dysprosium	156-2	76132	76440	77134	76568	0.67	cps
Erbium	164-1	81020	81445	80785	81083	0.41	cps
Erbium	164-2	53355	54000	53920	53758	0.65	cps
Gadolinium	160-1	90624	91100	91161	90962	0.32	cps
Gadolinium	160-2	66601	65375	65418	65798	1.06	cps
Holmium	165-1	17398781	17044476	17063139	17168798	1.16	cps
Holmium	165-2	11511535	11408709	11346622	11422289	0.73	cps
Indium	115-1	14475957	14375681	14255624	14369087	0.77	cps
Indium	115-2	4798798	4798814	4856431	4818014	0.69	cps
Iron	56-2	872350440	881381400	875570387	876434076	0.52	cps
Iron	57-2	21563100	21320363	21372866	21418776	0.60	cps
Iron	54-2	47764623	47423498	47882901	47690340	0.50	cps
Krypton	83-1	547	483	527	519	6.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	365861	363693	368961	366172	0.72	cps
Lead	207-1	307662	317664	308532	311286	1.78	cps
Lead	208-1	1410804	1432363	1426075	1423081	0.78	cps
Lithium	6-1	1919060	1880168	1824209	1874479	2.54	cps
Magnesium	24-2	23173133	22861420	22617258	22883937	1.22	cps
Manganese	55-2	26678770	26961086	26954060	26864639	0.60	cps
Molybdenum	94-1	164252	173142	167304	168233	2.68	cps
Molybdenum	95-1	12502	11795	12202	12166	2.92	cps
Molybdenum	96-1	46895	46490	46758	46714	0.44	cps
Molybdenum	97-1	7419	7559	7162	7380	2.73	cps
Molybdenum	98-1	18171	18285	18695	18384	1.50	cps
Neodymium	150-1	170542	169688	170842	170357	0.35	cps
Neodymium	150-2	95551	94813	95810	95391	0.54	cps
Nickel	60-2	344454	346098	346967	345840	0.37	cps
Phosphorus	31-2	35137	36086	35257	35493	1.46	cps
Potassium	39-2	6367304	6485443	6375807	6409518	1.03	cps
Rhodium	103-1	14294298	14068335	14256277	14206303	0.85	cps
Rhodium	103-2	8790940	8638158	8651825	8693641	0.97	cps
Scandium	45-1	11235977	11278229	11154934	11223046	0.56	cps
Scandium	45-2	1030315	1033946	1027282	1030514	0.32	cps
Selenium	82-1	744	870	821	812	7.80	cps
Selenium	77-2	403	423	377	401	5.84	cps
Selenium	78-2	797	683	793	758	8.51	cps
Silicon	28-1	57367087	55163403	57245489	56591993	2.19	cps
Silver	107-1	3564	3394	3524	3494	2.54	cps
Silver	109-1	3154	3154	3270	3193	2.11	cps
Sodium	23-2	359848	358311	359161	359107	0.21	cps
Strontium	86-1	432159	441302	434860	436107	1.08	cps
Strontium	88-1	3796887	3852161	3767866	3805638	1.13	cps
Sulfur	34-1	267280	260902	263668	263950	1.21	cps
Terbium	159-1	17531240	17762253	17552044	17615179	0.73	cps
Terbium	159-2	11618926	11579494	11409713	11536044	0.96	cps
Thallium	203-1	4191	4297	4394	4294	2.37	cps
Thallium	205-1	10067	10214	10117	10133	0.74	cps
Tin	118-1	37472	36192	37856	37173	2.34	cps
Titanium	47-1	2600791	2563501	2545310	2569867	1.10	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32429	33215	32145	32597	1.70	cps
Vanadium	51-2	1839734	1861050	1884306	1861697	1.20	cps
Yttrium	89-1	25911685	26000793	25512173	25808217	1.01	cps
Yttrium	89-2	6228831	6287926	6320628	6279128	0.74	cps
Zinc	66-2	287845	287579	287494	287639	0.06	cps
Zirconium	90-1	438370	441517	443941	441276	0.63	cps
Zirconium	91-1	101216	98739	100709	100222	1.31	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22755978	22482486	22957090	22731851	1.05	cps
Antimony	121-1	12172	12395	12302	12290	0.91	cps
Arsenic	75-2	115105	115495	115620	115407	0.23	cps
Barium	135-1	1844266	1824253	1857573	1842031	0.91	cps
Barium	137-1	3151780	3151191	3191615	3164862	0.73	cps
Beryllium	9-1	4925	4992	5145	5021	2.24	cps
Bismuth	209-1	9777082	9840143	9747529	9788251	0.48	cps
Bismuth	209-2	7667286	7714155	7726538	7702660	0.41	cps
Bromine	81-1	15251	16406	16393	16017	4.14	cps
Bromine	81-2	1223	1257	1117	1199	6.10	cps
Cadmium	108-1	620	467	530	539	14.30	cps
Cadmium	106-1	5995	5868	5775	5879	1.88	cps
Cadmium	111-1	5992	5891	5868	5917	1.12	cps
Calcium	43-1	753603	759963	757622	757063	0.42	cps
Calcium	44-1	11222744	11389608	11600791	11404381	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1193686	1205366	1197550	1198867	0.50	cps
Cobalt	59-2	814969	815166	812289	814142	0.20	cps
Copper	63-2	1661764	1679516	1666908	1669396	0.55	cps
Dysprosium	156-1	95277	94999	96566	95614	0.87	cps
Dysprosium	156-2	75186	75207	76376	75590	0.90	cps
Erbium	164-1	77832	79112	79283	78742	1.01	cps
Erbium	164-2	52535	52859	53348	52914	0.77	cps
Gadolinium	160-1	88665	91751	91442	90619	1.88	cps
Gadolinium	160-2	64468	64752	65465	64895	0.79	cps
Holmium	165-1	16842561	16858688	16698082	16799777	0.53	cps
Holmium	165-2	11565179	11338577	11604944	11502900	1.25	cps
Indium	115-1	14155021	14649532	14598489	14467681	1.88	cps
Indium	115-2	4912996	4773439	4803078	4829838	1.52	cps
Iron	56-2	873755374	866330894	865222920	868436396	0.53	cps
Iron	57-2	20951335	21300382	20704825	20985514	1.43	cps
Iron	54-2	47381909	47101853	47239101	47240954	0.30	cps
Krypton	83-1	450	527	457	478	8.89	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	349287	352055	354237	351859	0.71	cps
Lead	207-1	311223	313507	312789	312506	0.37	cps
Lead	208-1	1391832	1415848	1419403	1409028	1.06	cps
Lithium	6-1	1805245	1884035	1794531	1827937	2.67	cps
Magnesium	24-2	22672015	21839080	22504969	22338688	1.97	cps
Manganese	55-2	26813591	26457607	26727850	26666350	0.70	cps
Molybdenum	94-1	169082	169008	167851	168647	0.41	cps
Molybdenum	95-1	11892	12098	12325	12105	1.79	cps
Molybdenum	96-1	45664	46066	45808	45846	0.44	cps
Molybdenum	97-1	7108	7279	7038	7142	1.73	cps
Molybdenum	98-1	17337	17944	18065	17782	2.19	cps
Neodymium	150-1	165128	169870	171926	168974	2.06	cps
Neodymium	150-2	93447	95333	94893	94558	1.04	cps
Nickel	60-2	339937	339744	340311	339997	0.08	cps
Phosphorus	31-2	34646	34880	35287	34938	0.93	cps
Potassium	39-2	6255724	6219795	6339203	6271574	0.98	cps
Rhodium	103-1	14139550	14098776	13973294	14070540	0.62	cps
Rhodium	103-2	8991654	8585365	8686494	8754504	2.42	cps
Scandium	45-1	11217717	11379368	11407620	11334902	0.90	cps
Scandium	45-2	1030403	1029242	1031560	1030402	0.11	cps
Selenium	82-1	950	815	923	896	7.98	cps
Selenium	77-2	433	423	423	427	1.35	cps
Selenium	78-2	753	777	883	804	8.62	cps
Silicon	28-1	56111294	56040096	57008279	56386556	0.96	cps
Silver	107-1	3410	3370	3450	3410	1.17	cps
Silver	109-1	2680	2950	3167	2933	8.32	cps
Sodium	23-2	351620	357038	359040	355899	1.08	cps
Strontium	86-1	425351	427561	426008	426307	0.27	cps
Strontium	88-1	3782897	3762029	3781789	3775572	0.31	cps
Sulfur	34-1	258999	257709	256803	257837	0.43	cps
Terbium	159-1	17782551	17670039	17732848	17728480	0.32	cps
Terbium	159-2	11694616	11447905	11624634	11589052	1.10	cps
Thallium	203-1	4077	4364	4244	4228	3.41	cps
Thallium	205-1	10007	10497	10351	10285	2.45	cps
Tin	118-1	35992	36800	37038	36610	1.50	cps
Titanium	47-1	2531340	2632825	2578378	2580848	1.97	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31925	32677	33455	32686	2.34	cps
Vanadium	51-2	1838611	1846943	1839970	1841841	0.24	cps
Yttrium	89-1	26605924	26397830	25769534	26257762	1.66	cps
Yttrium	89-2	6189071	6273156	6151331	6204519	1.01	cps
Zinc	66-2	281684	278576	282420	280893	0.73	cps
Zirconium	90-1	440108	454353	452601	449021	1.73	cps
Zirconium	91-1	97716	99676	100071	99154	1.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4450717	4460304	4479587	4463536	0.33	cps
Antimony	121-1	2490	2514	2450	2485	1.29	cps
Arsenic	75-2	23192	22577	22901	22890	1.34	cps
Barium	135-1	338209	337503	335941	337218	0.34	cps
Barium	137-1	584298	581204	584158	583220	0.30	cps
Beryllium	9-1	979	1052	1035	1022	3.77	cps
Bismuth	209-1	10044891	10218047	10035297	10099411	1.02	cps
Bismuth	209-2	7886603	7920131	7932806	7913180	0.30	cps
Bromine	81-1	12212	12162	12018	12131	0.83	cps
Bromine	81-2	320	297	393	337	14.98	cps
Cadmium	108-1	143	103	110	119	18.03	cps
Cadmium	106-1	4958	4894	4707	4853	2.68	cps
Cadmium	111-1	3807	3824	3652	3761	2.52	cps
Calcium	43-1	147748	150065	148930	148915	0.78	cps
Calcium	44-1	2353796	2359861	2379650	2364436	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241229	239027	241082	240446	0.51	cps
Cobalt	59-2	163009	163305	162256	162857	0.33	cps
Copper	63-2	327542	329226	331337	329368	0.58	cps
Dysprosium	156-1	18813	19126	18843	18927	0.91	cps
Dysprosium	156-2	15292	14955	15175	15140	1.13	cps
Erbium	164-1	15666	15692	15315	15558	1.35	cps
Erbium	164-2	10754	10607	10581	10647	0.88	cps
Gadolinium	160-1	17498	18145	18078	17907	1.99	cps
Gadolinium	160-2	12866	13120	13043	13009	1.00	cps
Holmium	165-1	16905469	16815148	16885548	16868721	0.28	cps
Holmium	165-2	11458654	11609043	11650943	11572880	0.87	cps
Indium	115-1	14731385	14644480	14894774	14756880	0.86	cps
Indium	115-2	4892584	4895344	4963025	4916984	0.81	cps
Iron	56-2	172539651	169720677	169273977	170511435	1.04	cps
Iron	57-2	4226066	4260138	4168640	4218281	1.10	cps
Iron	54-2	9322937	9512278	9350959	9395392	1.09	cps
Krypton	83-1	417	440	400	419	4.80	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	71842	71299	71842	71661	0.44	cps
Lead	207-1	62871	62044	61522	62146	1.09	cps
Lead	208-1	284489	283769	283159	283806	0.23	cps
Lithium	6-1	2016450	2018175	1982144	2005589	1.01	cps
Magnesium	24-2	4430718	4386617	4499193	4438843	1.28	cps
Manganese	55-2	5220965	5260183	5215378	5232175	0.47	cps
Molybdenum	94-1	32302	33572	32459	32778	2.11	cps
Molybdenum	95-1	2557	2574	2580	2570	0.47	cps
Molybdenum	96-1	9100	9503	9316	9306	2.17	cps
Molybdenum	97-1	1560	1417	1580	1519	5.87	cps
Molybdenum	98-1	3667	3620	3637	3642	0.65	cps
Neodymium	150-1	32989	33296	33834	33373	1.28	cps
Neodymium	150-2	18816	18572	19000	18796	1.14	cps
Nickel	60-2	67960	68150	68804	68305	0.65	cps
Phosphorus	31-2	7352	7178	7372	7301	1.46	cps
Potassium	39-2	1331408	1310980	1315742	1319376	0.81	cps
Rhodium	103-1	14666637	14500416	14397936	14521663	0.93	cps
Rhodium	103-2	8839574	8830486	8905824	8858628	0.46	cps
Scandium	45-1	10877484	10789042	10806069	10824199	0.43	cps
Scandium	45-2	958962	965031	971660	965218	0.66	cps
Selenium	82-1	531	545	642	573	10.52	cps
Selenium	77-2	83	87	127	99	24.39	cps
Selenium	78-2	587	537	543	556	4.89	cps
Silicon	28-1	11461614	11857494	11578135	11632414	1.75	cps
Silver	107-1	790	833	840	821	3.31	cps
Silver	109-1	623	737	727	696	9.02	cps
Sodium	23-2	138294	137783	139720	138599	0.72	cps
Strontium	86-1	84041	85215	85510	84922	0.91	cps
Strontium	88-1	728526	740029	739565	736040	0.88	cps
Sulfur	34-1	244996	244821	242806	244207	0.50	cps
Terbium	159-1	17789348	17829362	17666603	17761771	0.48	cps
Terbium	159-2	11466212	11461255	11757312	11561593	1.47	cps
Thallium	203-1	1003	1003	1063	1023	3.39	cps
Thallium	205-1	2264	2187	2137	2196	2.91	cps
Tin	118-1	8586	8886	8716	8729	1.72	cps
Titanium	47-1	513225	515643	507094	511987	0.86	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6448	6328	6328	6368	1.09	cps
Vanadium	51-2	369159	371146	370532	370279	0.27	cps
Yttrium	89-1	25228861	24608081	25247868	25028270	1.45	cps
Yttrium	89-2	5973884	6025643	6006178	6001902	0.44	cps
Zinc	66-2	58501	59341	60157	59333	1.40	cps
Zirconium	90-1	86526	87666	88656	87616	1.22	cps
Zirconium	91-1	19506	19356	19586	19483	0.60	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24004870	23495584	22925386	23475280	2.30	cps
Antimony	121-1	770494	788720	785838	781684	1.25	cps
Arsenic	75-2	134849	135014	134466	134776	0.21	cps
Barium	135-1	5640869	5735887	5835437	5737397	1.70	cps
Barium	137-1	9935792	9955451	9947123	9946122	0.10	cps
Beryllium	9-1	67757	68623	69635	68672	1.37	cps
Bismuth	209-1	9971882	9930071	10036712	9979555	0.54	cps
Bismuth	209-2	7642187	7565994	7602894	7603692	0.50	cps
Bromine	81-1	15762	15745	16039	15849	1.04	cps
Bromine	81-2	1220	1160	1140	1173	3.55	cps
Cadmium	108-1	7285	7419	7065	7256	2.46	cps
Cadmium	106-1	15055	15605	15435	15365	1.83	cps
Cadmium	111-1	104700	107791	108235	106908	1.80	cps
Calcium	43-1	753996	764281	764220	760832	0.78	cps
Calcium	44-1	11495605	11519595	11619136	11544779	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2054863	2069515	2026196	2050191	1.07	cps
Cobalt	59-2	4044325	4020694	4019707	4028242	0.35	cps
Copper	63-2	2732832	2744419	2761582	2746278	0.53	cps
Dysprosium	156-1	97019	98570	96868	97485	0.97	cps
Dysprosium	156-2	76366	76336	76862	76522	0.39	cps
Erbium	164-1	81137	81506	81516	81386	0.26	cps
Erbium	164-2	53298	53609	53181	53362	0.41	cps
Gadolinium	160-1	88910	91268	92962	91047	2.24	cps
Gadolinium	160-2	66102	64718	64186	65002	1.52	cps
Holmium	165-1	16931032	16974896	17212440	17039456	0.89	cps
Holmium	165-2	11401752	11391877	11543599	11445743	0.74	cps
Indium	115-1	14695205	14573142	14758147	14675498	0.64	cps
Indium	115-2	4808328	4763552	4855960	4809280	0.96	cps
Iron	56-2	853747587	872362254	864649374	863586405	1.08	cps
Iron	57-2	21481355	21485586	21276615	21414519	0.56	cps
Iron	54-2	48175429	47966633	46725264	47622442	1.65	cps
Krypton	83-1	467	570	560	532	10.71	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	455516	460561	460114	458730	0.61	cps
Lead	207-1	389063	397372	397860	394765	1.25	cps
Lead	208-1	1790906	1812892	1821460	1808419	0.87	cps
Lithium	6-1	1930148	1881496	1865007	1892217	1.79	cps
Magnesium	24-2	22720100	22718253	22254820	22564391	1.19	cps
Manganese	55-2	28204650	28165245	27869420	28079772	0.65	cps
Molybdenum	94-1	167541	170542	168480	168854	0.91	cps
Molybdenum	95-1	12209	12138	12225	12191	0.38	cps
Molybdenum	96-1	46811	46470	46480	46587	0.42	cps
Molybdenum	97-1	7262	7315	7352	7310	0.62	cps
Molybdenum	98-1	18559	18395	18231	18395	0.89	cps
Neodymium	150-1	166940	173265	170592	170266	1.86	cps
Neodymium	150-2	95430	94558	94149	94712	0.69	cps
Nickel	60-2	1152066	1143280	1127480	1140942	1.09	cps
Phosphorus	31-2	34552	34515	34071	34380	0.78	cps
Potassium	39-2	6264727	6261555	6318944	6281742	0.51	cps
Rhodium	103-1	14140673	14093038	14129585	14121099	0.18	cps
Rhodium	103-2	8590628	8578733	8716233	8628531	0.88	cps
Scandium	45-1	11421620	11265967	11329394	11338994	0.69	cps
Scandium	45-2	1020619	1024805	1026348	1023924	0.29	cps
Selenium	82-1	18307	18724	18427	18486	1.16	cps
Selenium	77-2	2090	1947	2134	2057	4.75	cps
Selenium	78-2	6365	6098	6258	6240	2.15	cps
Silicon	28-1	58393104	58341071	57522912	58085696	0.84	cps
Silver	107-1	439592	443832	448576	444000	1.01	cps
Silver	109-1	408732	415772	418456	414320	1.21	cps
Sodium	23-2	339309	338752	345192	341084	1.05	cps
Strontium	86-1	426998	435744	429063	430601	1.06	cps
Strontium	88-1	3728110	3800980	3769074	3766055	0.97	cps
Sulfur	34-1	253103	257153	253985	254747	0.84	cps
Terbium	159-1	17840591	17775322	17531822	17715912	0.92	cps
Terbium	159-2	11604449	11678900	11405112	11562820	1.22	cps
Thallium	203-1	305341	308415	308958	307571	0.63	cps
Thallium	205-1	716579	726683	728247	723836	0.87	cps
Tin	118-1	36804	37382	36904	37030	0.83	cps
Titanium	47-1	2545933	2632726	2597363	2592007	1.68	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32249	32483	32419	32384	0.37	cps
Vanadium	51-2	3686370	3721667	3620260	3676099	1.40	cps
Yttrium	89-1	25851188	25952605	26085970	25963255	0.45	cps
Yttrium	89-2	6176926	6164161	6222946	6188011	0.50	cps
Zinc	66-2	619547	620412	625795	621918	0.54	cps
Zirconium	90-1	446107	453635	448413	449385	0.86	cps
Zirconium	91-1	98502	100944	100482	99976	1.30	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24559355	24165700	24172015	24299024	0.93	cps
Antimony	121-1	4028614	4001909	4052094	4027539	0.62	cps
Arsenic	75-2	210275	207582	207481	208446	0.76	cps
Barium	135-1	24717174	24321607	24418468	24485750	0.84	cps
Barium	137-1	42323447	42457389	42127345	42302727	0.39	cps
Beryllium	9-1	363736	368147	377190	369691	1.86	cps
Bismuth	209-1	9832837	9953193	9894191	9893407	0.61	cps
Bismuth	209-2	7593300	7592988	7712344	7632877	0.90	cps
Bromine	81-1	14891	15231	15525	15216	2.09	cps
Bromine	81-2	1093	1107	1330	1177	11.30	cps
Cadmium	108-1	33622	34294	34615	34177	1.48	cps
Cadmium	106-1	53007	53722	53070	53266	0.74	cps
Cadmium	111-1	515220	522101	516163	517828	0.72	cps
Calcium	43-1	726992	736049	729702	730914	0.64	cps
Calcium	44-1	10942372	11280909	11301603	11174961	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6001197	5918070	5996505	5971924	0.78	cps
Cobalt	59-2	19312037	18963088	18871543	19048889	1.22	cps
Copper	63-2	7859008	7858398	7752303	7823237	0.79	cps
Dysprosium	156-1	92569	94462	93126	93386	1.04	cps
Dysprosium	156-2	74570	74831	74838	74746	0.20	cps
Erbium	164-1	78683	79367	78868	78973	0.45	cps
Erbium	164-2	51976	51712	51836	51841	0.26	cps
Gadolinium	160-1	88018	89222	89225	88821	0.78	cps
Gadolinium	160-2	62542	63092	62646	62760	0.47	cps
Holmium	165-1	17025013	17094116	16924474	17014534	0.50	cps
Holmium	165-2	11497734	11415706	11645872	11519771	1.01	cps
Indium	115-1	14717820	14785022	14531352	14678065	0.90	cps
Indium	115-2	4736810	4812050	4806707	4785189	0.88	cps
Iron	56-2	851422014	862551534	849117587	854363712	0.84	cps
Iron	57-2	21019479	21147380	20882148	21016335	0.63	cps
Iron	54-2	46589021	47436336	47288116	47104491	0.96	cps
Krypton	83-1	513	570	563	549	5.64	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	844723	855054	845294	848357	0.68	cps
Lead	207-1	732696	734245	740955	735966	0.60	cps
Lead	208-1	3548197	3597572	3602976	3582915	0.84	cps
Lithium	6-1	1874661	1918974	1947270	1913635	1.91	cps
Magnesium	24-2	22082188	21735952	21632954	21817031	1.08	cps
Manganese	55-2	33725017	33992925	33647370	33788438	0.54	cps
Molybdenum	94-1	159818	163179	164219	162405	1.42	cps
Molybdenum	95-1	11838	12295	12012	12048	1.91	cps
Molybdenum	96-1	44889	45467	44969	45108	0.69	cps
Molybdenum	97-1	6648	7085	7088	6941	3.65	cps
Molybdenum	98-1	18041	17828	18295	18055	1.30	cps
Neodymium	150-1	165551	166076	163668	165098	0.77	cps
Neodymium	150-2	92937	92562	92867	92789	0.21	cps
Nickel	60-2	5189339	5111019	5088537	5129632	1.03	cps
Phosphorus	31-2	33143	33019	33751	33304	1.18	cps
Potassium	39-2	6077443	6103235	6078131	6086270	0.24	cps
Rhodium	103-1	14187045	14043053	13861603	14030567	1.16	cps
Rhodium	103-2	8666563	8605278	8626227	8632690	0.36	cps
Scandium	45-1	11119716	11473921	11468959	11354199	1.79	cps
Scandium	45-2	1015622	1005725	1006243	1009197	0.55	cps
Selenium	82-1	79590	80912	80476	80326	0.84	cps
Selenium	77-2	7982	7759	7845	7862	1.43	cps
Selenium	78-2	25459	25302	25662	25474	0.71	cps
Silicon	28-1	54475841	56120408	55386564	55327604	1.49	cps
Silver	107-1	2157541	2203335	2210281	2190386	1.31	cps
Silver	109-1	2312641	2056594	2106422	2158552	6.29	cps
Sodium	23-2	340110	339564	336993	338889	0.49	cps
Strontium	86-1	412144	420469	413023	415212	1.10	cps
Strontium	88-1	3585270	3717709	3729468	3677483	2.18	cps
Sulfur	34-1	248885	244807	242214	245302	1.37	cps
Terbium	159-1	17635865	17659205	17877732	17724267	0.75	cps
Terbium	159-2	11494284	11456223	11519127	11489878	0.28	cps
Thallium	203-1	1536862	1538478	1565877	1547073	1.05	cps
Thallium	205-1	4128135	4068246	4165875	4120752	1.19	cps
Tin	118-1	34702	34518	35845	35021	2.05	cps
Titanium	47-1	2444504	2558117	2532813	2511812	2.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31948	31534	31828	31770	0.67	cps
Vanadium	51-2	12487899	12351372	12536236	12458503	0.77	cps
Yttrium	89-1	25911440	25902050	26098717	25970736	0.43	cps
Yttrium	89-2	6102963	6104463	6119151	6108859	0.15	cps
Zinc	66-2	2300777	2289715	2263737	2284743	0.83	cps
Zirconium	90-1	430175	431233	435849	432419	0.70	cps
Zirconium	91-1	96981	98082	96971	97345	0.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16741819	16932975	16711982	16795592	0.71	cps
Antimony	121-1	17474	18025	17828	17776	1.57	cps
Arsenic	75-2	132323	131157	131590	131690	0.45	cps
Barium	135-1	2588307	2617142	2621564	2609005	0.69	cps
Barium	137-1	4451904	4538004	4419476	4469794	1.37	cps
Beryllium	9-1	4424	4664	4661	4583	3.00	cps
Bismuth	209-1	9938625	10069928	9887073	9965209	0.95	cps
Bismuth	209-2	7813220	7686974	7676340	7725511	0.99	cps
Bromine	81-1	14430	14080	14694	14402	2.14	cps
Bromine	81-2	883	890	790	854	6.54	cps
Cadmium	108-1	727	717	723	722	0.71	cps
Cadmium	106-1	6295	6201	6201	6232	0.86	cps
Cadmium	111-1	8468	8727	8886	8694	2.42	cps
Calcium	43-1	453902	460550	460596	458349	0.84	cps
Calcium	44-1	6897401	6925646	7063725	6962257	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993915	989722	977575	987071	0.86	cps
Cobalt	59-2	863273	852774	846176	854075	1.01	cps
Copper	63-2	1819534	1816051	1800437	1812007	0.56	cps
Dysprosium	156-1	97670	97767	97761	97733	0.06	cps
Dysprosium	156-2	77781	76729	76507	77006	0.88	cps
Erbium	164-1	77403	78667	78485	78185	0.87	cps
Erbium	164-2	51662	51170	51739	51524	0.60	cps
Gadolinium	160-1	88457	88893	90205	89185	1.02	cps
Gadolinium	160-2	64059	63567	63339	63655	0.58	cps
Holmium	165-1	17047793	17078541	17052997	17059777	0.10	cps
Holmium	165-2	11452192	11263907	11469063	11395054	1.00	cps
Indium	115-1	14663527	14617150	14750155	14676944	0.46	cps
Indium	115-2	4742426	4817193	4742762	4767460	0.90	cps
Iron	56-2	961417026	949290279	949057426	953254910	0.74	cps
Iron	57-2	23122200	23568144	23264191	23318178	0.98	cps
Iron	54-2	52489123	52295249	52394039	52392804	0.19	cps
Krypton	83-1	480	560	540	527	7.91	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	629868	635119	645856	636948	1.28	cps
Lead	207-1	557760	564885	558893	560513	0.68	cps
Lead	208-1	2512536	2544974	2555566	2537692	0.88	cps
Lithium	6-1	1919156	1882289	1854679	1885375	1.72	cps
Magnesium	24-2	14660641	14794493	14611816	14688983	0.64	cps
Manganese	55-2	42645771	42293019	41987822	42308871	0.78	cps
Molybdenum	94-1	172767	172543	171933	172415	0.25	cps
Molybdenum	95-1	13006	12732	12405	12715	2.36	cps
Molybdenum	96-1	48390	48530	47982	48301	0.59	cps
Molybdenum	97-1	7065	7682	7702	7483	4.84	cps
Molybdenum	98-1	18458	18652	18705	18605	0.70	cps
Neodymium	150-1	174128	175754	176771	175551	0.76	cps
Neodymium	150-2	97159	98078	96972	97403	0.61	cps
Nickel	60-2	342845	346623	341638	343702	0.76	cps
Phosphorus	31-2	46437	45895	45360	45898	1.17	cps
Potassium	39-2	6266819	6336544	6213695	6272353	0.98	cps
Rhodium	103-1	14192729	14130410	14181395	14168178	0.23	cps
Rhodium	103-2	8626438	8575715	8641228	8614460	0.40	cps
Scandium	45-1	11195869	11333809	11373790	11301156	0.83	cps
Scandium	45-2	1012036	1024131	1004631	1013599	0.97	cps
Selenium	82-1	851	831	860	847	1.76	cps
Selenium	77-2	480	463	447	463	3.60	cps
Selenium	78-2	757	780	723	753	3.78	cps
Silicon	28-1	63829819	65861491	65547751	65079687	1.68	cps
Silver	107-1	9567	8102	7796	8488	11.15	cps
Silver	109-1	8663	7612	7215	7830	9.55	cps
Sodium	23-2	297632	300927	303313	300624	0.95	cps
Strontium	86-1	449791	457689	456766	454749	0.95	cps
Strontium	88-1	4046868	4132957	4068642	4082822	1.10	cps
Sulfur	34-1	263200	262491	260407	262033	0.55	cps
Terbium	159-1	17936034	17543182	17885355	17788190	1.20	cps
Terbium	159-2	11545189	11622606	11413148	11526981	0.92	cps
Thallium	203-1	4104	4504	4481	4363	5.15	cps
Thallium	205-1	10204	10097	10181	10161	0.55	cps
Tin	118-1	33425	33773	33766	33655	0.59	cps
Titanium	47-1	2462313	2490989	2525559	2492954	1.27	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34551	35504	34846	34967	1.39	cps
Vanadium	51-2	1855956	1850966	1822929	1843284	0.97	cps
Yttrium	89-1	25752044	25988387	25748340	25829590	0.53	cps
Yttrium	89-2	6055802	6082863	6120700	6086455	0.54	cps
Zinc	66-2	522677	520424	518660	520587	0.39	cps
Zirconium	90-1	456026	458643	459808	458159	0.42	cps
Zirconium	91-1	100444	101754	102897	101698	1.21	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17279022	17203347	16938599	17140323	1.04	cps
Antimony	121-1	17701	18479	17958	18046	2.20	cps
Arsenic	75-2	110521	111062	110172	110585	0.41	cps
Barium	135-1	5128562	5216467	5411773	5252267	2.76	cps
Barium	137-1	8813691	9001663	8948064	8921139	1.09	cps
Beryllium	9-1	5279	5235	5320	5278	0.81	cps
Bismuth	209-1	10298714	9924618	9738288	9987207	2.86	cps
Bismuth	209-2	7717173	7686787	7699503	7701154	0.20	cps
Bromine	81-1	14350	14424	15208	14661	3.24	cps
Bromine	81-2	1160	947	1073	1060	10.12	cps
Cadmium	108-1	857	727	793	792	8.21	cps
Cadmium	106-1	6512	6325	6025	6287	3.91	cps
Cadmium	111-1	8883	8870	8646	8799	1.51	cps
Calcium	43-1	468647	481514	496430	482197	2.88	cps
Calcium	44-1	7261752	7215122	7161928	7212934	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	959564	961375	959888	960275	0.10	cps
Cobalt	59-2	807068	798583	792272	799308	0.93	cps
Copper	63-2	2012067	2033877	2002869	2016271	0.79	cps
Dysprosium	156-1	108421	109630	105627	107893	1.90	cps
Dysprosium	156-2	86373	86773	87084	86743	0.41	cps
Erbium	164-1	83699	82455	81666	82606	1.24	cps
Erbium	164-2	55968	56142	54245	55452	1.89	cps
Gadolinium	160-1	96090	96647	98658	97132	1.39	cps
Gadolinium	160-2	70432	69139	68644	69405	1.33	cps
Holmium	165-1	17155022	17470991	16690704	17105573	2.29	cps
Holmium	165-2	11594288	11573605	11612550	11593481	0.17	cps
Indium	115-1	14223069	14506854	14308667	14346196	1.01	cps
Indium	115-2	4770212	4709822	4874644	4784893	1.74	cps
Iron	56-2	875441320	866705054	874918360	872354911	0.56	cps
Iron	57-2	21349620	21758731	21464518	21524290	0.98	cps
Iron	54-2	47877728	48061428	48046336	47995164	0.21	cps
Krypton	83-1	533	540	507	527	3.35	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	653662	652754	641811	649409	1.02	cps
Lead	207-1	555742	579117	584922	573260	2.69	cps
Lead	208-1	2559478	2581636	2579402	2573505	0.47	cps
Lithium	6-1	1862040	1777570	1774024	1804545	2.76	cps
Magnesium	24-2	13654580	13555499	13368841	13526306	1.07	cps
Manganese	55-2	68342886	68317261	68515096	68391747	0.16	cps
Molybdenum	94-1	181449	189297	187346	186031	2.20	cps
Molybdenum	95-1	12299	12952	13199	12817	3.63	cps
Molybdenum	96-1	49306	49032	47878	48739	1.56	cps
Molybdenum	97-1	7012	7395	7128	7178	2.74	cps
Molybdenum	98-1	17891	17000	17484	17458	2.56	cps
Neodymium	150-1	203698	200265	203450	202471	0.95	cps
Neodymium	150-2	114369	112676	114376	113807	0.86	cps
Nickel	60-2	386410	380743	384826	383993	0.76	cps
Phosphorus	31-2	38254	37760	37616	37877	0.88	cps
Potassium	39-2	4641861	4634843	4630497	4635734	0.12	cps
Rhodium	103-1	14669181	14125532	13985926	14260213	2.53	cps
Rhodium	103-2	8651282	8621034	8750025	8674113	0.78	cps
Scandium	45-1	11254489	11120459	11099774	11158241	0.75	cps
Scandium	45-2	1016247	1011589	1012666	1013500	0.24	cps
Selenium	82-1	819	833	954	869	8.53	cps
Selenium	77-2	443	553	540	512	11.72	cps
Selenium	78-2	783	930	793	836	9.81	cps
Silicon	28-1	65610416	61004067	60254576	62289686	4.66	cps
Silver	107-1	7639	7469	7692	7600	1.54	cps
Silver	109-1	6682	7282	6708	6891	4.92	cps
Sodium	23-2	308284	310044	311853	310061	0.58	cps
Strontium	86-1	622087	641693	627296	630359	1.61	cps
Strontium	88-1	5394404	5703466	5821613	5639828	3.91	cps
Sulfur	34-1	253456	250236	243618	249103	2.01	cps
Terbium	159-1	17421507	17959017	18221877	17867467	2.28	cps
Terbium	159-2	11760730	11442366	11407009	11536701	1.69	cps
Thallium	203-1	5278	5314	5525	5372	2.48	cps
Thallium	205-1	12883	12563	12886	12777	1.45	cps
Tin	118-1	35085	32129	31929	33047	5.35	cps
Titanium	47-1	2909824	2810733	2823002	2847853	1.90	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38268	39054	39693	39005	1.83	cps
Vanadium	51-2	1651124	1664442	1669644	1661737	0.57	cps
Yttrium	89-1	25394635	26073468	27108904	26192335	3.30	cps
Yttrium	89-2	6273042	6143359	6240340	6218914	1.08	cps
Zinc	66-2	347106	349938	348679	348574	0.41	cps
Zirconium	90-1	483820	489729	496231	489927	1.27	cps
Zirconium	91-1	111796	108907	107117	109273	2.16	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21231130	21489926	21109902	21276986	0.91	cps
Antimony	121-1	8996	9136	8839	8991	1.65	cps
Arsenic	75-2	108409	109775	107573	108586	1.02	cps
Barium	135-1	2334484	2337432	2358676	2343531	0.56	cps
Barium	137-1	4020611	4003587	4017719	4013972	0.23	cps
Beryllium	9-1	5689	5562	5563	5605	1.30	cps
Bismuth	209-1	9807593	9804304	9820267	9810721	0.09	cps
Bismuth	209-2	7606640	7589179	7741065	7645628	1.09	cps
Bromine	81-1	17714	18425	19359	18499	4.46	cps
Bromine	81-2	1743	1740	1660	1715	2.75	cps
Cadmium	108-1	670	640	613	641	4.42	cps
Cadmium	106-1	5991	6245	5955	6064	2.61	cps
Cadmium	111-1	6075	6400	6039	6171	3.22	cps
Calcium	43-1	567988	573687	589792	577155	1.96	cps
Calcium	44-1	8493155	8591709	8642472	8575779	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060718	1072057	1056780	1063185	0.75	cps
Cobalt	59-2	740683	740047	737057	739262	0.26	cps
Copper	63-2	1473830	1478338	1468755	1473641	0.33	cps
Dysprosium	156-1	120253	120579	117826	119553	1.26	cps
Dysprosium	156-2	94392	94740	96160	95097	0.99	cps
Erbium	164-1	85989	86670	87833	86831	1.07	cps
Erbium	164-2	58756	58716	57675	58382	1.05	cps
Gadolinium	160-1	105167	106648	107092	106303	0.95	cps
Gadolinium	160-2	76102	76474	74701	75759	1.23	cps
Holmium	165-1	17628147	17113045	16736208	17159133	2.61	cps
Holmium	165-2	11643089	11375959	11405812	11474953	1.28	cps
Indium	115-1	14603042	14430742	14318079	14450621	0.99	cps
Indium	115-2	4761473	4810177	4754575	4775409	0.63	cps
Iron	56-2	877744787	884497747	874374014	878872182	0.59	cps
Iron	57-2	21619606	21760862	21734027	21704832	0.35	cps
Iron	54-2	48183724	47731958	47583176	47832953	0.65	cps
Krypton	83-1	423	493	527	481	10.96	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	438854	435704	434180	436246	0.55	cps
Lead	207-1	386081	388277	391458	388605	0.70	cps
Lead	208-1	1732292	1724933	1742881	1733369	0.52	cps
Lithium	6-1	1775695	1801431	1817191	1798106	1.16	cps
Magnesium	24-2	14365883	14399222	14022874	14262660	1.46	cps
Manganese	55-2	30729060	30594144	30792373	30705192	0.33	cps
Molybdenum	94-1	202999	203757	203994	203583	0.26	cps
Molybdenum	95-1	8859	8929	8873	8887	0.42	cps
Molybdenum	96-1	48577	47741	48433	48251	0.93	cps
Molybdenum	97-1	5448	5298	5468	5404	1.72	cps
Molybdenum	98-1	12769	12736	13099	12868	1.56	cps
Neodymium	150-1	229487	235270	234178	232978	1.32	cps
Neodymium	150-2	133412	131882	130683	131992	1.04	cps
Nickel	60-2	394976	390034	390958	391989	0.67	cps
Phosphorus	31-2	37359	38024	37452	37612	0.96	cps
Potassium	39-2	3801592	3814887	3801241	3805907	0.20	cps
Rhodium	103-1	14119988	13922624	14039316	14027309	0.71	cps
Rhodium	103-2	8667247	8693337	8592857	8651147	0.60	cps
Scandium	45-1	10882193	11200521	11028191	11036968	1.44	cps
Scandium	45-2	1028845	1032524	1012097	1024489	1.06	cps
Selenium	82-1	1000	925	937	954	4.27	cps
Selenium	77-2	497	480	550	509	7.19	cps
Selenium	78-2	850	923	753	842	10.12	cps
Silicon	28-1	62045686	62338269	63256029	62546661	1.01	cps
Silver	107-1	4697	5131	5111	4980	4.91	cps
Silver	109-1	4634	4507	4261	4467	4.25	cps
Sodium	23-2	348348	352071	350881	350434	0.54	cps
Strontium	86-1	585232	585228	576339	582266	0.88	cps
Strontium	88-1	5082036	5239621	5217830	5179829	1.65	cps
Sulfur	34-1	250853	245996	242627	246492	1.68	cps
Terbium	159-1	18157828	18137023	18016362	18103738	0.42	cps
Terbium	159-2	11495429	11653588	11253601	11467539	1.76	cps
Thallium	203-1	4224	4668	4251	4381	5.68	cps
Thallium	205-1	9957	10284	10000	10080	1.76	cps
Tin	118-1	38321	39561	38889	38924	1.59	cps
Titanium	47-1	3303963	3338392	3402658	3348338	1.50	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42327	42963	43645	42978	1.53	cps
Vanadium	51-2	1756174	1779439	1736921	1757512	1.21	cps
Yttrium	89-1	25659316	26232166	27046435	26312639	2.65	cps
Yttrium	89-2	6324671	6282269	6201509	6269483	1.00	cps
Zinc	66-2	278761	280115	275636	278171	0.83	cps
Zirconium	90-1	539323	542678	545857	542619	0.60	cps
Zirconium	91-1	118981	118863	118779	118874	0.09	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23993241	23592067	23847486	23810932	0.85	cps
Antimony	121-1	32580	33385	33412	33126	1.43	cps
Arsenic	75-2	110357	108879	107933	109056	1.12	cps
Barium	135-1	2317373	2329583	2361403	2336120	0.97	cps
Barium	137-1	3981900	4052634	3999091	4011208	0.92	cps
Beryllium	9-1	6191	6053	6138	6128	1.14	cps
Bismuth	209-1	10142562	10220940	10302564	10222022	0.78	cps
Bismuth	209-2	6906753	7956969	7652656	7505459	7.20	cps
Bromine	81-1	20858	21693	22040	21530	2.82	cps
Bromine	81-2	2490	2280	2214	2328	6.20	cps
Cadmium	108-1	667	560	667	631	9.76	cps
Cadmium	106-1	5885	5748	6241	5958	4.28	cps
Cadmium	111-1	4796	4785	5119	4900	3.87	cps
Calcium	43-1	647495	659032	660990	655839	1.11	cps
Calcium	44-1	10307009	10541508	10092691	10313736	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1053094	1038274	1043694	1045021	0.72	cps
Cobalt	59-2	746615	731488	744985	741029	1.12	cps
Copper	63-2	1155266	1134844	1149329	1146479	0.92	cps
Dysprosium	156-1	129874	129877	133006	130919	1.38	cps
Dysprosium	156-2	107199	107141	107749	107363	0.31	cps
Erbium	164-1	96282	98161	99293	97912	1.55	cps
Erbium	164-2	64023	62881	63396	63433	0.90	cps
Gadolinium	160-1	117087	117824	116506	117139	0.56	cps
Gadolinium	160-2	85009	83518	84714	84414	0.94	cps
Holmium	165-1	16787316	16776241	16908786	16824114	0.44	cps
Holmium	165-2	10540180	11708094	11458426	11235567	5.47	cps
Indium	115-1	14606985	14750309	14392873	14583389	1.23	cps
Indium	115-2	4384574	4878761	4803743	4689026	5.68	cps
Iron	56-2	872610654	869909667	872175720	871565347	0.17	cps
Iron	57-2	21527402	21388937	21316483	21410941	0.50	cps
Iron	54-2	48301408	48291338	47996293	48196346	0.36	cps
Krypton	83-1	517	523	477	506	4.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	304468	308247	312537	308417	1.31	cps
Lead	207-1	261429	263460	261390	262093	0.45	cps
Lead	208-1	1208085	1221689	1212937	1214237	0.57	cps
Lithium	6-1	2037117	2054367	1794841	1962108	7.40	cps
Magnesium	24-2	14686693	14410076	14462882	14519884	1.01	cps
Manganese	55-2	29001130	28220467	28297249	28506282	1.51	cps
Molybdenum	94-1	219954	223165	222620	221913	0.77	cps
Molybdenum	95-1	8002	8029	8129	8053	0.83	cps
Molybdenum	96-1	52504	52946	54153	53201	1.60	cps
Molybdenum	97-1	4524	4771	4604	4633	2.72	cps
Molybdenum	98-1	11635	12035	11925	11865	1.74	cps
Neodymium	150-1	279001	285445	277030	280492	1.57	cps
Neodymium	150-2	154618	150168	153571	152785	1.52	cps
Nickel	60-2	419444	418541	413078	417021	0.83	cps
Phosphorus	31-2	42980	41426	42429	42278	1.86	cps
Potassium	39-2	3210761	3131655	3129144	3157187	1.47	cps
Rhodium	103-1	14510311	14546682	14381075	14479356	0.60	cps
Rhodium	103-2	7873705	9021516	8695196	8530139	6.93	cps
Scandium	45-1	11727265	11983847	11324055	11678389	2.85	cps
Scandium	45-2	948392	1054472	1021494	1008119	5.39	cps
Selenium	82-1	936	913	928	926	1.26	cps
Selenium	77-2	660	647	563	623	8.40	cps
Selenium	78-2	920	877	957	918	4.36	cps
Silicon	28-1	65904287	65849399	66626872	66126853	0.66	cps
Silver	107-1	2820	3040	2927	2929	3.76	cps
Silver	109-1	2657	2637	2804	2699	3.37	cps
Sodium	23-2	409380	407859	407395	408211	0.25	cps
Strontium	86-1	598770	609425	608447	605547	0.97	cps
Strontium	88-1	5280300	5364678	5370281	5338420	0.94	cps
Sulfur	34-1	237896	237906	238628	238144	0.18	cps
Terbium	159-1	17457991	17468543	17496427	17474320	0.11	cps
Terbium	159-2	10468759	11935337	11585653	11329916	6.76	cps
Thallium	203-1	3734	3567	3731	3677	2.59	cps
Thallium	205-1	8683	8930	8940	8851	1.64	cps
Tin	118-1	38743	38889	39113	38915	0.48	cps
Titanium	47-1	3915383	3948565	3918500	3927483	0.47	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42250	41749	42775	42258	1.21	cps
Vanadium	51-2	1741675	1765328	1756174	1754392	0.68	cps
Yttrium	89-1	25460007	25591449	25598311	25549922	0.31	cps
Yttrium	89-2	5831095	6377668	6328306	6179023	4.89	cps
Zinc	66-2	246768	243295	249628	246564	1.29	cps
Zirconium	90-1	605480	615443	602579	607834	1.11	cps
Zirconium	91-1	136256	140176	141067	139166	1.84	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18078467	18098703	18095039	18090736	0.06	cps
Antimony	121-1	6465077	6413726	6479668	6452824	0.54	cps
Arsenic	75-2	384432	379588	382576	382199	0.64	cps
Barium	135-1	8227168	8333241	8336244	8298884	0.75	cps
Barium	137-1	14630869	14640707	14399911	14557162	0.94	cps
Beryllium	9-1	1221046	1243933	1247956	1237645	1.17	cps
Bismuth	209-1	9274576	9469605	9212120	9318767	1.44	cps
Bismuth	209-2	7381537	7248507	7340018	7323354	0.93	cps
Bromine	81-1	11711	12072	11595	11793	2.11	cps
Bromine	81-2	147	190	200	179	15.85	cps
Cadmium	108-1	124384	126567	127091	126014	1.14	cps
Cadmium	106-1	183227	187241	181369	183945	1.63	cps
Cadmium	111-1	1756359	1710501	1693790	1720217	1.88	cps
Calcium	43-1	11435467	11372142	11224769	11344126	0.95	cps
Calcium	44-1	180760391	179030497	179565417	179785435	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3397502	3384561	3333023	3371695	1.01	cps
Cobalt	59-2	5337257	5313840	5439119	5363405	1.24	cps
Copper	63-2	37417374	37163788	37476148	37352437	0.44	cps
Dysprosium	156-1	317	343	287	316	8.98	cps
Dysprosium	156-2	477	507	400	461	11.93	cps
Erbium	164-1	420	397	353	390	8.67	cps
Erbium	164-2	260	273	267	267	2.50	cps
Gadolinium	160-1	277	293	277	282	3.41	cps
Gadolinium	160-2	493	427	527	482	10.56	cps
Holmium	165-1	16903429	16196897	16296024	16465450	2.32	cps
Holmium	165-2	11439134	11240174	11284400	11321236	0.92	cps
Indium	115-1	14074907	13661433	13515235	13750525	2.11	cps
Indium	115-2	4505705	4424456	4487062	4472408	0.95	cps
Iron	56-2	700584230	690995563	696167936	695915910	0.69	cps
Iron	57-2	17272969	17130700	17130087	17177918	0.48	cps
Iron	54-2	38583987	37849759	38572548	38335431	1.10	cps
Krypton	83-1	370	397	370	379	4.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22576016	22457680	22612154	22548617	0.36	cps
Lead	207-1	19450251	19897967	19963618	19770612	1.41	cps
Lead	208-1	88917017	90716188	90459099	90030768	1.08	cps
Lithium	6-1	2070395	2028010	2120997	2073134	2.25	cps
Magnesium	24-2	156009651	155961008	154450338	155473665	0.57	cps
Manganese	55-2	23413914	23296445	23397773	23369377	0.27	cps
Molybdenum	94-1	27617319	27693454	27875549	27728774	0.48	cps
Molybdenum	95-1	39785283	40331444	40123278	40080002	0.69	cps
Molybdenum	96-1	44115521	44193051	43741954	44016842	0.55	cps
Molybdenum	97-1	25003780	24941546	24823281	24922869	0.37	cps
Molybdenum	98-1	64711302	63713321	63307481	63910701	1.13	cps
Neodymium	150-1	413	463	480	452	7.67	cps
Neodymium	150-2	113	123	110	116	6.01	cps
Nickel	60-2	1340327	1308315	1315204	1321282	1.28	cps
Phosphorus	31-2	202737	201559	199178	201158	0.90	cps
Potassium	39-2	95067789	95707369	95765152	95513436	0.41	cps
Rhodium	103-1	13279424	13312760	13144310	13245498	0.67	cps
Rhodium	103-2	7947569	7882179	7853353	7894367	0.61	cps
Scandium	45-1	10273341	10414490	10422534	10370122	0.81	cps
Scandium	45-2	895395	889547	898340	894427	0.50	cps
Selenium	82-1	118521	120996	119867	119795	1.03	cps
Selenium	77-2	10224	10584	10384	10397	1.74	cps
Selenium	78-2	35352	35506	35800	35553	0.64	cps
Silicon	28-1	16800213	17060880	17422191	17094428	1.83	cps
Silver	107-1	8746605	8922398	8622624	8763876	1.72	cps
Silver	109-1	8173537	8109541	8114586	8132555	0.44	cps
Sodium	23-2	271061696	269736023	270930943	270576220	0.27	cps
Strontium	86-1	60213634	59312897	59808179	59778237	0.75	cps
Strontium	88-1	521688486	522608366	517934579	520743810	0.48	cps
Sulfur	34-1	1020274	1001184	999747	1007068	1.14	cps
Terbium	159-1	17158084	16945491	17117507	17073694	0.66	cps
Terbium	159-2	11306664	11487524	11514995	11436395	0.99	cps
Thallium	203-1	5690884	5511744	5629102	5610577	1.62	cps
Thallium	205-1	13376519	13167556	13293579	13279218	0.79	cps
Tin	118-1	5606824	5530461	5516675	5551320	0.87	cps
Titanium	47-1	11759185	11730650	11934244	11808026	0.93	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17613532	17759337	18023808	17798892	1.17	cps
Vanadium	51-2	3095411	3062063	3059294	3072256	0.65	cps
Yttrium	89-1	23626032	23846369	23653484	23708628	0.51	cps
Yttrium	89-2	5728653	5654447	5643834	5675645	0.81	cps
Zinc	66-2	5740923	5689397	5655832	5695384	0.75	cps
Zirconium	90-1	12631516	12861975	13009314	12834268	1.48	cps
Zirconium	91-1	2825298	2854354	2907999	2862550	1.47	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1753	1530	1553	1612	7.61	cps
Antimony	121-1	4421	4557	5141	4706	8.13	cps
Arsenic	75-2	33	57	27	39	40.51	cps
Barium	135-1	527	413	330	423	23.32	cps
Barium	137-1	830	607	503	647	25.82	cps
Beryllium	9-1	87	82	105	92	13.16	cps
Bismuth	209-1	10287413	10304645	9998147	10196735	1.69	cps
Bismuth	209-2	8198804	8052829	7994139	8081924	1.30	cps
Bromine	81-1	11551	11561	11148	11420	2.07	cps
Bromine	81-2	160	147	133	147	9.09	cps
Cadmium	108-1	27	23	27	26	7.55	cps
Cadmium	106-1	4664	4704	4607	4659	1.04	cps
Cadmium	111-1	3380	3400	3293	3358	1.69	cps
Calcium	43-1	1020	857	903	927	9.08	cps
Calcium	44-1	55363	54175	53048	54195	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1623	1730	1743	1699	3.87	cps
Cobalt	59-2	327	257	257	280	14.43	cps
Copper	63-2	5875	5948	6271	6031	3.50	cps
Dysprosium	156-1	17	20	7	14	48.02	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	100	120	137	119	15.44	cps
Erbium	164-2	70	57	70	66	11.74	cps
Gadolinium	160-1	63	103	73	80	26.03	cps
Gadolinium	160-2	413	340	370	374	9.85	cps
Holmium	165-1	16698311	16329747	16522664	16516907	1.12	cps
Holmium	165-2	11612799	11455738	11402895	11490477	0.95	cps
Indium	115-1	14653344	14778789	14603605	14678579	0.62	cps
Indium	115-2	4915963	4870184	4857337	4881161	0.63	cps
Iron	56-2	54445	55077	56834	55452	2.23	cps
Iron	57-2	2807	2774	3050	2877	5.25	cps
Iron	54-2	4427	4294	4654	4458	4.08	cps
Krypton	83-1	390	347	337	358	7.92	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2870	2354	2277	2500	12.91	cps
Lead	207-1	2314	2384	2027	2241	8.43	cps
Lead	208-1	10942	9818	9045	9935	9.60	cps
Lithium	6-1	2190756	2131272	2204663	2175563	1.79	cps
Magnesium	24-2	6808	6531	7152	6830	4.55	cps
Manganese	55-2	1570	1640	1640	1617	2.50	cps
Molybdenum	94-1	3000	2804	2867	2890	3.47	cps
Molybdenum	95-1	3087	2600	2284	2657	15.23	cps
Molybdenum	96-1	3544	2880	3064	3163	10.83	cps
Molybdenum	97-1	1983	1587	1523	1698	14.69	cps
Molybdenum	98-1	4767	4047	3991	4268	10.15	cps
Neodymium	150-1	23	3	13	13	75.02	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	343	307	363	338	8.51	cps
Phosphorus	31-2	260	237	160	219	23.90	cps
Potassium	39-2	101999	101368	99777	101048	1.13	cps
Rhodium	103-1	14638951	14372355	14294385	14435230	1.25	cps
Rhodium	103-2	8956582	8779360	8772974	8836305	1.18	cps
Scandium	45-1	10399692	10444788	10432694	10425725	0.22	cps
Scandium	45-2	918111	905143	902753	908669	0.91	cps
Selenium	82-1	523	541	597	554	6.98	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	523	353	433	437	19.48	cps
Silicon	28-1	410485	406972	408721	408726	0.43	cps
Silver	107-1	1503	1270	1163	1312	13.25	cps
Silver	109-1	1397	1163	873	1145	22.91	cps
Sodium	23-2	96822	94829	95309	95653	1.09	cps
Strontium	86-1	3340	2684	2650	2891	13.46	cps
Strontium	88-1	24007	18639	17180	19942	18.03	cps
Sulfur	34-1	317897	314890	316864	316550	0.48	cps
Terbium	159-1	17204313	17377081	17233624	17271673	0.54	cps
Terbium	159-2	11532927	11417693	11546897	11499172	0.62	cps
Thallium	203-1	1020	787	593	800	26.71	cps
Thallium	205-1	2247	1750	1573	1857	18.80	cps
Tin	118-1	3000	3267	3507	3258	7.78	cps
Titanium	47-1	1083	957	913	984	8.97	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	703	610	557	623	11.91	cps
Vanadium	51-2	127	177	200	168	22.33	cps
Yttrium	89-1	23839930	24101806	23969971	23970569	0.55	cps
Yttrium	89-2	5780787	5822634	5845897	5816439	0.57	cps
Zinc	66-2	2910	2804	2644	2786	4.82	cps
Zirconium	90-1	3460	3527	3834	3607	5.52	cps
Zirconium	91-1	777	793	817	796	2.53	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32547101	32439615	32847568	32611428	0.65	cps
Antimony	121-1	13213	13363	13807	13461	2.29	cps
Arsenic	75-2	155529	152942	152780	153750	1.00	cps
Barium	135-1	686932	683984	686357	685758	0.23	cps
Barium	137-1	1168233	1182389	1185744	1178789	0.79	cps
Beryllium	9-1	2863	3131	3088	3027	4.76	cps
Bismuth	209-1	9873150	9801349	9821058	9831852	0.38	cps
Bismuth	209-2	7625683	7663790	7726018	7671830	0.66	cps
Bromine	81-1	15261	14514	14751	14842	2.57	cps
Bromine	81-2	890	1027	990	969	7.30	cps
Cadmium	108-1	440	513	460	471	8.05	cps
Cadmium	106-1	5611	5705	5294	5537	3.88	cps
Cadmium	111-1	7717	7891	7198	7602	4.74	cps
Calcium	43-1	456213	458380	460905	458500	0.51	cps
Calcium	44-1	7037600	7206288	7064994	7102961	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1380391	1411711	1431832	1407978	1.84	cps
Cobalt	59-2	1039999	1028521	1034157	1034226	0.55	cps
Copper	63-2	2453787	2482978	2430857	2455874	1.06	cps
Dysprosium	156-1	91372	91764	93029	92055	0.94	cps
Dysprosium	156-2	68436	68633	68865	68644	0.31	cps
Erbium	164-1	95423	95812	94376	95204	0.78	cps
Erbium	164-2	63406	64033	64649	64029	0.97	cps
Gadolinium	160-1	97325	97224	96462	97004	0.49	cps
Gadolinium	160-2	69431	69662	69712	69602	0.22	cps
Holmium	165-1	17279751	17211582	17080448	17190594	0.59	cps
Holmium	165-2	11557668	11467653	11677289	11567536	0.91	cps
Indium	115-1	14611938	14521925	14588163	14574008	0.32	cps
Indium	115-2	4848996	4856594	4792010	4832533	0.73	cps
Iron	56-2	1250081688	1263505981	1265229688	1259605786	0.66	cps
Iron	57-2	30688745	30359355	30401062	30483054	0.59	cps
Iron	54-2	68794924	68473361	68011067	68426451	0.58	cps
Krypton	83-1	537	517	503	519	3.23	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	403279	407449	402897	404542	0.62	cps
Lead	207-1	351951	354050	355863	353954	0.55	cps
Lead	208-1	1599328	1609519	1598705	1602517	0.38	cps
Lithium	6-1	1941870	1939748	1893132	1924916	1.43	cps
Magnesium	24-2	39071428	37752089	38805949	38543155	1.81	cps
Manganese	55-2	16253249	16324659	16031092	16203000	0.94	cps
Molybdenum	94-1	50691	49999	50851	50514	0.90	cps
Molybdenum	95-1	13153	12462	12686	12767	2.76	cps
Molybdenum	96-1	30829	31431	31193	31151	0.97	cps
Molybdenum	97-1	7939	8049	7725	7904	2.08	cps
Molybdenum	98-1	19183	19840	19256	19426	1.85	cps
Neodymium	150-1	126878	127535	127574	127329	0.31	cps
Neodymium	150-2	71346	70609	71614	71190	0.73	cps
Nickel	60-2	377480	380566	376560	378202	0.55	cps
Phosphorus	31-2	45431	45163	44003	44866	1.69	cps
Potassium	39-2	5241020	5190163	5259956	5230380	0.69	cps
Rhodium	103-1	14214380	14081599	14007454	14101144	0.74	cps
Rhodium	103-2	8645579	8496499	8421635	8521238	1.34	cps
Scandium	45-1	12264884	12357643	12312939	12311822	0.38	cps
Scandium	45-2	1098074	1101141	1092690	1097302	0.39	cps
Selenium	82-1	943	1043	941	976	5.98	cps
Selenium	77-2	400	377	427	401	6.24	cps
Selenium	78-2	753	720	803	759	5.53	cps
Silicon	28-1	61901782	62196804	62040337	62046308	0.24	cps
Silver	107-1	7165	6928	6865	6986	2.26	cps
Silver	109-1	6872	6555	5948	6458	7.27	cps
Sodium	23-2	279447	277898	277679	278341	0.35	cps
Strontium	86-1	279877	280559	281986	280808	0.38	cps
Strontium	88-1	2553625	2536984	2492161	2527590	1.26	cps
Sulfur	34-1	293033	282997	277617	284549	2.75	cps
Terbium	159-1	18030614	17906254	17817758	17918209	0.60	cps
Terbium	159-2	11794171	11552662	11571683	11639505	1.15	cps
Thallium	203-1	2077	2124	2097	2099	1.12	cps
Thallium	205-1	4954	4978	5184	5039	2.51	cps
Tin	118-1	43288	42743	43552	43195	0.96	cps
Titanium	47-1	1888722	1873590	1877756	1880023	0.42	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19434	19414	19327	19392	0.29	cps
Vanadium	51-2	4117095	4213021	4169827	4166648	1.15	cps
Yttrium	89-1	26861929	26536687	25893427	26430681	1.86	cps
Yttrium	89-2	6351014	6201150	6244497	6265554	1.23	cps
Zinc	66-2	340682	339063	337784	339176	0.43	cps
Zirconium	90-1	118228	119454	120829	119504	1.09	cps
Zirconium	91-1	27158	27008	27205	27124	0.38	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5381343	5220923	5297361	5299876	1.51	cps
Antimony	121-1	2214	2390	2280	2295	3.89	cps
Arsenic	75-2	15879	15738	15475	15697	1.31	cps
Barium	135-1	349024	350676	348392	349364	0.34	cps
Barium	137-1	598706	613662	604324	605564	1.25	cps
Beryllium	9-1	1885	2130	1915	1977	6.77	cps
Bismuth	209-1	10026784	10005868	10182520	10071724	0.96	cps
Bismuth	209-2	7905397	8011371	8002193	7972987	0.74	cps
Bromine	81-1	13019	12549	12572	12713	2.09	cps
Bromine	81-2	413	400	423	412	2.84	cps
Cadmium	108-1	157	147	117	140	14.87	cps
Cadmium	106-1	4924	4881	4394	4733	6.22	cps
Cadmium	111-1	3784	3714	3431	3643	5.13	cps
Calcium	43-1	148556	152761	149798	150372	1.44	cps
Calcium	44-1	2296414	2379920	2354958	2343764	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180116	181744	177357	179739	1.23	cps
Cobalt	59-2	87463	85602	87557	86874	1.27	cps
Copper	63-2	195017	192701	190446	192721	1.19	cps
Dysprosium	156-1	16410	16403	16330	16381	0.27	cps
Dysprosium	156-2	13313	12909	13477	13233	2.21	cps
Erbium	164-1	14187	14561	14601	14450	1.58	cps
Erbium	164-2	9824	9733	10437	9998	3.83	cps
Gadolinium	160-1	15245	15599	15272	15372	1.28	cps
Gadolinium	160-2	11572	12005	10864	11480	5.02	cps
Holmium	165-1	16879390	16786172	16679591	16781718	0.60	cps
Holmium	165-2	11716444	11355124	11696428	11589332	1.75	cps
Indium	115-1	14764863	14512035	14827606	14701501	1.14	cps
Indium	115-2	4902119	4800633	4803637	4835463	1.19	cps
Iron	56-2	122602515	120398412	118399412	120466779	1.75	cps
Iron	57-2	3028235	2922568	2900426	2950410	2.31	cps
Iron	54-2	6606245	6742675	6401402	6583441	2.61	cps
Krypton	83-1	360	400	417	392	7.43	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117761	116938	116773	117157	0.45	cps
Lead	207-1	102725	102432	103631	102930	0.61	cps
Lead	208-1	463706	464045	467474	465075	0.45	cps
Lithium	6-1	2177899	2095058	2026639	2099865	3.61	cps
Magnesium	24-2	3250296	3190983	3149003	3196761	1.59	cps
Manganese	55-2	5282811	5224865	5056862	5188179	2.26	cps
Molybdenum	94-1	49018	49296	48925	49080	0.39	cps
Molybdenum	95-1	1880	2074	1940	1965	5.04	cps
Molybdenum	96-1	10624	11074	10757	10819	2.14	cps
Molybdenum	97-1	1107	980	1050	1046	6.07	cps
Molybdenum	98-1	2727	2597	2624	2649	2.59	cps
Neodymium	150-1	30426	30480	30136	30347	0.61	cps
Neodymium	150-2	17434	17030	17408	17291	1.31	cps
Nickel	60-2	44957	46228	44028	45071	2.45	cps
Phosphorus	31-2	3574	3794	3757	3708	3.18	cps
Potassium	39-2	833067	836316	827834	832405	0.51	cps
Rhodium	103-1	14195799	14572333	14345827	14371320	1.32	cps
Rhodium	103-2	8880946	8689477	8906053	8825492	1.34	cps
Scandium	45-1	10487321	10814099	10822620	10708013	1.79	cps
Scandium	45-2	958134	949742	937389	948421	1.10	cps
Selenium	82-1	573	617	594	595	3.71	cps
Selenium	77-2	63	80	83	76	14.18	cps
Selenium	78-2	563	487	600	550	10.52	cps
Silicon	28-1	18854514	18904309	19116981	18958601	0.74	cps
Silver	107-1	1037	1177	1133	1116	6.43	cps
Silver	109-1	1040	910	1030	993	7.28	cps
Sodium	23-2	147215	149629	146744	147863	1.05	cps
Strontium	86-1	80197	81943	81333	81158	1.09	cps
Strontium	88-1	694047	710771	704348	703055	1.20	cps
Sulfur	34-1	246569	240764	234380	240571	2.53	cps
Terbium	159-1	17582370	17418897	17628993	17543420	0.63	cps
Terbium	159-2	11484164	11850334	11518318	11617605	1.74	cps
Thallium	203-1	1140	1050	1103	1098	4.12	cps
Thallium	205-1	2800	2740	2740	2760	1.26	cps
Tin	118-1	11051	11188	11084	11108	0.64	cps
Titanium	47-1	458300	460967	458300	459189	0.34	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5161	5261	5635	5352	4.66	cps
Vanadium	51-2	249183	244128	252799	248703	1.75	cps
Yttrium	89-1	24361496	24945370	24972610	24759825	1.39	cps
Yttrium	89-2	6080434	5880686	6086091	6015737	1.94	cps
Zinc	66-2	42631	42233	43814	42893	1.92	cps
Zirconium	90-1	131839	132955	134563	133119	1.03	cps
Zirconium	91-1	28434	29299	29890	29208	2.51	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5262091	5191998	5122560	5192216	1.34	cps
Antimony	121-1	2254	2180	2330	2255	3.33	cps
Arsenic	75-2	15922	15945	15154	15674	2.87	cps
Barium	135-1	425072	426877	423906	425285	0.35	cps
Barium	137-1	725606	731523	734727	730619	0.63	cps
Beryllium	9-1	1983	1988	2059	2010	2.13	cps
Bismuth	209-1	10172135	9988594	9866615	10009115	1.54	cps
Bismuth	209-2	8099593	7903128	7906791	7969837	1.41	cps
Bromine	81-1	12949	13003	12973	12975	0.21	cps
Bromine	81-2	520	480	383	461	15.24	cps
Cadmium	108-1	137	177	123	146	19.07	cps
Cadmium	106-1	5204	4968	4657	4943	5.55	cps
Cadmium	111-1	3974	3757	3574	3768	5.32	cps
Calcium	43-1	150912	153240	153639	152597	0.97	cps
Calcium	44-1	2367385	2332264	2390956	2363535	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	186253	183957	181819	184010	1.20	cps
Cobalt	59-2	88985	87593	89250	88610	1.00	cps
Copper	63-2	195108	195902	193077	194696	0.75	cps
Dysprosium	156-1	16463	16934	16423	16607	1.71	cps
Dysprosium	156-2	13410	13447	13727	13528	1.28	cps
Erbium	164-1	14394	13937	14581	14304	2.32	cps
Erbium	164-2	9663	9767	9447	9626	1.70	cps
Gadolinium	160-1	15776	16049	15348	15724	2.25	cps
Gadolinium	160-2	11765	11585	11378	11576	1.67	cps
Holmium	165-1	16920624	16743891	16876035	16846850	0.55	cps
Holmium	165-2	11844604	11429641	11432443	11568896	2.06	cps
Indium	115-1	14712776	14717487	14623056	14684439	0.36	cps
Indium	115-2	4909218	4925512	4865923	4900217	0.63	cps
Iron	56-2	118784522	119731298	120220625	119578815	0.61	cps
Iron	57-2	2943837	2998180	2965442	2969153	0.92	cps
Iron	54-2	6641402	6624242	6667797	6644480	0.33	cps
Krypton	83-1	390	337	397	374	8.78	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120747	118659	119399	119602	0.89	cps
Lead	207-1	105240	105567	104756	105188	0.39	cps
Lead	208-1	479693	471292	473260	474748	0.93	cps
Lithium	6-1	2076845	2046374	2062156	2061791	0.74	cps
Magnesium	24-2	3146452	3208902	3198465	3184606	1.05	cps
Manganese	55-2	5987184	6068857	6068392	6041478	0.78	cps
Molybdenum	94-1	47223	47677	48487	47796	1.34	cps
Molybdenum	95-1	2013	1843	2107	1988	6.72	cps
Molybdenum	96-1	10857	10714	10827	10800	0.70	cps
Molybdenum	97-1	1087	1097	1180	1121	4.57	cps
Molybdenum	98-1	2857	2857	3007	2907	2.98	cps
Neodymium	150-1	29995	30941	29735	30224	2.10	cps
Neodymium	150-2	17468	17030	17324	17274	1.29	cps
Nickel	60-2	45365	45418	45613	45465	0.29	cps
Phosphorus	31-2	3750	3801	3834	3795	1.11	cps
Potassium	39-2	848487	840919	838028	842478	0.64	cps
Rhodium	103-1	14851632	14481257	14379180	14570690	1.71	cps
Rhodium	103-2	8995128	8868594	8776342	8880021	1.24	cps
Scandium	45-1	10771469	10679704	10654844	10702006	0.57	cps
Scandium	45-2	953022	939742	952464	948409	0.79	cps
Selenium	82-1	579	693	618	630	9.18	cps
Selenium	77-2	73	87	90	83	10.59	cps
Selenium	78-2	513	447	513	491	7.84	cps
Silicon	28-1	18863966	19127140	18869686	18953597	0.79	cps
Silver	107-1	1237	1160	1163	1187	3.65	cps
Silver	109-1	1037	900	997	978	7.19	cps
Sodium	23-2	147663	146832	146179	146892	0.51	cps
Strontium	86-1	85677	85101	85031	85270	0.42	cps
Strontium	88-1	731244	736206	741677	736376	0.71	cps
Sulfur	34-1	228847	223622	220082	224184	1.97	cps
Terbium	159-1	17722333	17539520	17541623	17601159	0.60	cps
Terbium	159-2	11633309	11880414	11754401	11756042	1.05	cps
Thallium	203-1	1120	1040	1097	1086	3.79	cps
Thallium	205-1	2900	2657	2670	2743	4.99	cps
Tin	118-1	11401	11255	10807	11154	2.77	cps
Titanium	47-1	451588	454751	456332	454223	0.53	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5555	5281	5418	5418	2.52	cps
Vanadium	51-2	247750	244707	241757	244738	1.22	cps
Yttrium	89-1	24610184	24998464	24617519	24742055	0.90	cps
Yttrium	89-2	6000945	5940400	5950931	5964092	0.54	cps
Zinc	66-2	46155	45031	43818	45001	2.60	cps
Zirconium	90-1	131305	130588	131290	131061	0.31	cps
Zirconium	91-1	29039	29266	29112	29139	0.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1065627	1044785	1046820	1052411	1.09	cps
Antimony	121-1	687	687	730	701	3.57	cps
Arsenic	75-2	3024	3050	3127	3067	1.75	cps
Barium	135-1	67335	70054	67338	68242	2.30	cps
Barium	137-1	114998	116674	115763	115811	0.72	cps
Beryllium	9-1	474	417	435	442	6.62	cps
Bismuth	209-1	10455179	10219649	9658475	10111101	4.05	cps
Bismuth	209-2	8077387	7916281	7876759	7956809	1.34	cps
Bromine	81-1	12742	12038	12389	12390	2.84	cps
Bromine	81-2	243	203	177	208	16.15	cps
Cadmium	108-1	27	47	37	37	27.27	cps
Cadmium	106-1	4364	4524	4407	4432	1.87	cps
Cadmium	111-1	3136	3268	3126	3177	2.48	cps
Calcium	43-1	28520	29342	29352	29071	1.64	cps
Calcium	44-1	526511	515554	513207	518424	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36895	36488	36060	36481	1.15	cps
Cobalt	59-2	16896	16846	17060	16934	0.66	cps
Copper	63-2	39790	39509	38981	39426	1.04	cps
Dysprosium	156-1	2964	3010	3297	3090	5.84	cps
Dysprosium	156-2	2737	2587	2590	2638	3.25	cps
Erbium	164-1	2967	2947	2897	2937	1.23	cps
Erbium	164-2	1900	1897	1800	1866	3.04	cps
Gadolinium	160-1	2844	3010	3184	3013	5.64	cps
Gadolinium	160-2	2484	2357	2500	2447	3.20	cps
Holmium	165-1	16165176	17329830	16485244	16660083	3.61	cps
Holmium	165-2	11576331	11410806	11312918	11433352	1.16	cps
Indium	115-1	14367521	15109690	14408970	14628727	2.85	cps
Indium	115-2	4970704	4789105	4880032	4879947	1.86	cps
Iron	56-2	23581621	23610618	23089308	23427182	1.25	cps
Iron	57-2	611790	602803	597842	604145	1.17	cps
Iron	54-2	1364044	1347305	1350870	1354073	0.65	cps
Krypton	83-1	370	343	370	361	4.26	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23303	24215	23524	23681	2.01	cps
Lead	207-1	20719	20302	20078	20367	1.60	cps
Lead	208-1	92930	93348	93818	93365	0.48	cps
Lithium	6-1	2166692	1935355	2065659	2055902	5.64	cps
Magnesium	24-2	641473	637950	623872	634432	1.47	cps
Manganese	55-2	1036599	1032144	1019069	1029271	0.89	cps
Molybdenum	94-1	9847	9647	10180	9891	2.73	cps
Molybdenum	95-1	490	463	563	506	10.24	cps
Molybdenum	96-1	2277	2424	2134	2278	6.37	cps
Molybdenum	97-1	327	310	280	306	7.74	cps
Molybdenum	98-1	697	730	723	717	2.46	cps
Neodymium	150-1	6095	5608	5818	5840	4.18	cps
Neodymium	150-2	3467	3354	3544	3455	2.77	cps
Nickel	60-2	9016	8816	8733	8855	1.65	cps
Phosphorus	31-2	993	817	893	901	9.83	cps
Potassium	39-2	238861	235023	233250	235711	1.22	cps
Rhodium	103-1	14140006	13981523	14029911	14050480	0.58	cps
Rhodium	103-2	8985461	8724584	8777535	8829194	1.56	cps
Scandium	45-1	10650626	11014597	10272234	10645819	3.49	cps
Scandium	45-2	939851	922279	918243	926791	1.24	cps
Selenium	82-1	559	559	575	564	1.61	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	447	417	397	420	5.99	cps
Silicon	28-1	4187848	4087204	3890997	4055350	3.72	cps
Silver	107-1	420	400	327	382	12.86	cps
Silver	109-1	213	280	283	259	15.25	cps
Sodium	23-2	89421	88254	87842	88506	0.93	cps
Strontium	86-1	15472	15865	15922	15753	1.56	cps
Strontium	88-1	136147	133735	140022	136635	2.32	cps
Sulfur	34-1	208117	210618	206783	208506	0.93	cps
Terbium	159-1	17440247	17009033	16743920	17064400	2.06	cps
Terbium	159-2	11561318	11458909	11472878	11497701	0.48	cps
Thallium	203-1	363	340	327	343	5.41	cps
Thallium	205-1	837	877	843	852	2.52	cps
Tin	118-1	3660	3474	3427	3520	3.51	cps
Titanium	47-1	87115	88812	87625	87851	0.99	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1023	1043	1017	1028	1.35	cps
Vanadium	51-2	48060	47752	48903	48238	1.23	cps
Yttrium	89-1	25809342	23931189	23259677	24333403	5.43	cps
Yttrium	89-2	5942617	5795768	5823563	5853983	1.33	cps
Zinc	66-2	10287	10327	10420	10345	0.66	cps
Zirconium	90-1	26828	27499	26714	27014	1.57	cps
Zirconium	91-1	5711	5968	5945	5875	2.42	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5309740	5306581	5000625	5205648	3.41	cps
Antimony	121-1	183871	187244	186988	186034	1.01	cps
Arsenic	75-2	20180	19980	19353	19838	2.18	cps
Barium	135-1	1252872	1252964	1265442	1257093	0.58	cps
Barium	137-1	2318345	2354133	2296385	2322954	1.25	cps
Beryllium	9-1	17993	18458	17967	18139	1.52	cps
Bismuth	209-1	9832671	9920081	9904743	9885832	0.47	cps
Bismuth	209-2	7777548	7705247	8001964	7828253	1.98	cps
Bromine	81-1	12399	12532	12572	12501	0.73	cps
Bromine	81-2	360	390	410	387	6.51	cps
Cadmium	108-1	1777	1813	1610	1733	6.25	cps
Cadmium	106-1	7112	6858	6682	6884	3.14	cps
Cadmium	111-1	28369	28172	28124	28222	0.46	cps
Calcium	43-1	144807	144979	143316	144367	0.63	cps
Calcium	44-1	2264927	2273680	2269749	2269452	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379567	377170	383370	380036	0.82	cps
Cobalt	59-2	850430	848411	842586	847142	0.48	cps
Copper	63-2	452062	453734	438469	448088	1.87	cps
Dysprosium	156-1	15452	16320	15999	15924	2.76	cps
Dysprosium	156-2	12843	12743	13206	12930	1.89	cps
Erbium	164-1	14151	13567	14010	13909	2.19	cps
Erbium	164-2	9353	9457	9390	9400	0.56	cps
Gadolinium	160-1	14441	15185	14901	14842	2.53	cps
Gadolinium	160-2	10948	10828	11308	11028	2.27	cps
Holmium	165-1	16600136	16566910	16443953	16537000	0.50	cps
Holmium	165-2	11289852	11292864	11484714	11355810	0.98	cps
Indium	115-1	14552247	14427220	14478003	14485823	0.43	cps
Indium	115-2	4695975	4725069	4905860	4775634	2.38	cps
Iron	56-2	120174932	118639588	116635715	118483412	1.50	cps
Iron	57-2	2935403	2923933	2848429	2902588	1.63	cps
Iron	54-2	6650880	6477939	6507330	6545383	1.41	cps
Krypton	83-1	363	410	353	376	8.05	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136198	136059	136736	136331	0.26	cps
Lead	207-1	118239	118639	119541	118806	0.56	cps
Lead	208-1	539212	541638	544474	541775	0.49	cps
Lithium	6-1	2127093	1975929	1984929	2029317	4.18	cps
Magnesium	24-2	3065277	3084732	3011989	3053999	1.23	cps
Manganese	55-2	5835463	5799835	5696774	5777358	1.25	cps
Molybdenum	94-1	45872	45979	46457	46102	0.68	cps
Molybdenum	95-1	1650	1763	1677	1697	3.49	cps
Molybdenum	96-1	10157	10170	10304	10210	0.79	cps
Molybdenum	97-1	967	1040	1007	1004	3.66	cps
Molybdenum	98-1	2630	2584	2534	2582	1.87	cps
Neodymium	150-1	29230	28936	29401	29189	0.80	cps
Neodymium	150-2	16950	16290	16209	16483	2.47	cps
Nickel	60-2	238630	238037	244161	240276	1.41	cps
Phosphorus	31-2	3640	3500	3614	3585	2.07	cps
Potassium	39-2	795563	798423	799798	797928	0.27	cps
Rhodium	103-1	14418446	14127865	14315667	14287326	1.03	cps
Rhodium	103-2	8560135	8524694	8691231	8592020	1.02	cps
Scandium	45-1	10455243	10447731	10574011	10492328	0.68	cps
Scandium	45-2	948953	948964	924212	940710	1.52	cps
Selenium	82-1	4962	5004	5016	4994	0.57	cps
Selenium	77-2	590	493	497	527	10.42	cps
Selenium	78-2	1953	1880	2003	1946	3.19	cps
Silicon	28-1	18227323	18149105	17871386	18082605	1.03	cps
Silver	107-1	106460	107894	109620	107991	1.47	cps
Silver	109-1	101194	101459	102079	101577	0.45	cps
Sodium	23-2	132770	132124	131744	132213	0.39	cps
Strontium	86-1	78739	79124	79154	79006	0.29	cps
Strontium	88-1	675991	690219	688856	685022	1.15	cps
Sulfur	34-1	210742	208212	203648	207534	1.73	cps
Terbium	159-1	17391614	17228122	17280566	17300101	0.48	cps
Terbium	159-2	11440394	11391067	11574781	11468747	0.83	cps
Thallium	203-1	73490	73822	74190	73834	0.47	cps
Thallium	205-1	172678	176951	174450	174693	1.23	cps
Tin	118-1	10330	10621	10561	10504	1.46	cps
Titanium	47-1	438924	441691	440862	440493	0.32	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5168	5244	5204	5206	0.74	cps
Vanadium	51-2	683793	681193	684782	683256	0.27	cps
Yttrium	89-1	23947410	24513822	24574123	24345118	1.42	cps
Yttrium	89-2	5774853	5749471	5851880	5792068	0.92	cps
Zinc	66-2	124891	122366	126628	124628	1.72	cps
Zirconium	90-1	124301	127646	128534	126827	1.76	cps
Zirconium	91-1	27185	28411	27970	27855	2.23	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5472393	5535853	5517142	5508463	0.59	cps
Antimony	121-1	912102	928590	917164	919285	0.92	cps
Arsenic	75-2	38764	38239	38323	38442	0.73	cps
Barium	135-1	4989287	5031812	5006551	5009217	0.43	cps
Barium	137-1	8662569	8790144	8672777	8708496	0.81	cps
Beryllium	9-1	80947	81553	83002	81834	1.29	cps
Bismuth	209-1	9884576	9744865	9848009	9825817	0.74	cps
Bismuth	209-2	7937135	7783084	7717381	7812533	1.44	cps
Bromine	81-1	12759	12299	12535	12531	1.84	cps
Bromine	81-2	383	380	373	379	1.34	cps
Cadmium	108-1	8136	8229	8049	8138	1.11	cps
Cadmium	106-1	15819	16369	15732	15973	2.16	cps
Cadmium	111-1	125519	126524	124601	125548	0.77	cps
Calcium	43-1	139048	140211	140178	139812	0.47	cps
Calcium	44-1	2146300	2209666	2242855	2199607	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1196554	1183076	1185775	1188468	0.60	cps
Cobalt	59-2	3921251	3826744	3888734	3878910	1.24	cps
Copper	63-2	1470550	1456798	1464174	1463840	0.47	cps
Dysprosium	156-1	15235	15178	15162	15192	0.25	cps
Dysprosium	156-2	12953	13096	12989	13013	0.57	cps
Erbium	164-1	13376	13550	13874	13600	1.86	cps
Erbium	164-2	9403	9143	9070	9205	1.90	cps
Gadolinium	160-1	14274	14491	14261	14342	0.90	cps
Gadolinium	160-2	10891	10674	11088	10884	1.90	cps
Holmium	165-1	16577604	16527640	16369150	16491465	0.66	cps
Holmium	165-2	11355943	11342237	11384938	11361039	0.19	cps
Indium	115-1	14394864	14453404	14446190	14431486	0.22	cps
Indium	115-2	4787378	4781334	4776977	4781896	0.11	cps
Iron	56-2	119243488	116313568	118069622	117875559	1.25	cps
Iron	57-2	2946198	2903616	2864268	2904694	1.41	cps
Iron	54-2	6623694	6584034	6485226	6564318	1.09	cps
Krypton	83-1	387	370	377	378	2.22	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	225299	231814	230476	229196	1.50	cps
Lead	207-1	195628	198725	197542	197298	0.79	cps
Lead	208-1	899520	912618	916428	909522	0.98	cps
Lithium	6-1	2002029	1941655	2006829	1983504	1.83	cps
Magnesium	24-2	3006380	2998052	2988878	2997770	0.29	cps
Manganese	55-2	6977047	6857735	6879418	6904733	0.92	cps
Molybdenum	94-1	45852	46019	45878	45916	0.20	cps
Molybdenum	95-1	1777	1800	1813	1797	1.03	cps
Molybdenum	96-1	9800	9867	10337	10001	2.93	cps
Molybdenum	97-1	1010	1063	977	1017	4.30	cps
Molybdenum	98-1	2664	2674	2647	2661	0.51	cps
Neodymium	150-1	27871	28659	28800	28443	1.76	cps
Neodymium	150-2	16183	16330	16483	16332	0.92	cps
Nickel	60-2	1019319	1018503	1012635	1016819	0.36	cps
Phosphorus	31-2	3567	3454	3394	3472	2.54	cps
Potassium	39-2	784209	785323	778540	782691	0.46	cps
Rhodium	103-1	14225152	14364671	14298719	14296180	0.49	cps
Rhodium	103-2	8860032	8627964	8513114	8667037	2.04	cps
Scandium	45-1	10573437	10215253	10611625	10466771	2.09	cps
Scandium	45-2	932848	935014	929632	932498	0.29	cps
Selenium	82-1	20410	20937	20807	20718	1.33	cps
Selenium	77-2	2024	1930	1833	1929	4.93	cps
Selenium	78-2	6645	7018	6722	6795	2.90	cps
Silicon	28-1	17654741	17448535	18111588	17738288	1.91	cps
Silver	107-1	530346	535893	535349	533863	0.57	cps
Silver	109-1	497596	506130	506164	503297	0.98	cps
Sodium	23-2	131230	130632	130265	130709	0.37	cps
Strontium	86-1	76966	77597	79087	77883	1.40	cps
Strontium	88-1	661944	671439	665823	666402	0.72	cps
Sulfur	34-1	202634	201362	200598	201531	0.51	cps
Terbium	159-1	17595251	17308281	17073306	17325613	1.51	cps
Terbium	159-2	11334304	11386729	11401376	11374136	0.31	cps
Thallium	203-1	363879	367814	366282	365992	0.54	cps
Thallium	205-1	859246	871731	872381	867786	0.85	cps
Tin	118-1	10057	10367	10070	10165	1.73	cps
Titanium	47-1	430447	433974	435405	433275	0.59	cps

Reviewed By:mohan
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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4801	5201	4991	4998	4.00	cps
Vanadium	51-2	2417639	2413331	2416818	2415929	0.09	cps
Yttrium	89-1	24338380	24060627	23752878	24050629	1.22	cps
Yttrium	89-2	5885495	5924913	5816048	5875485	0.94	cps
Zinc	66-2	459542	452595	452247	454794	0.90	cps
Zirconium	90-1	123286	124842	123538	123889	0.67	cps
Zirconium	91-1	27459	27940	27940	27780	1.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726573	5741539	5726464	5731526	0.15	cps
Antimony	121-1	2960	3224	3097	3094	4.26	cps
Arsenic	75-2	29930	29633	29820	29794	0.50	cps
Barium	135-1	415177	418353	424029	419186	1.07	cps
Barium	137-1	717297	729352	726527	724392	0.87	cps
Beryllium	9-1	1476	1242	1302	1340	9.04	cps
Bismuth	209-1	9593728	9605570	9480407	9559902	0.72	cps
Bismuth	209-2	7738838	7802960	7782772	7774857	0.42	cps
Bromine	81-1	12762	13500	13463	13242	3.14	cps
Bromine	81-2	493	460	453	469	4.57	cps
Cadmium	108-1	137	153	137	142	6.77	cps
Cadmium	106-1	4274	4117	3907	4100	4.49	cps
Cadmium	111-1	3329	3301	3196	3276	2.15	cps
Calcium	43-1	186158	188420	189515	188031	0.91	cps
Calcium	44-1	2969585	2944893	2920970	2945149	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311678	309897	306903	309492	0.78	cps
Cobalt	59-2	208655	210024	210489	209723	0.45	cps
Copper	63-2	420499	424109	416465	420358	0.91	cps
Dysprosium	156-1	23116	23513	23012	23214	1.14	cps
Dysprosium	156-2	18900	19086	19143	19043	0.67	cps
Erbium	164-1	18963	19801	19367	19377	2.16	cps
Erbium	164-2	13523	13353	13653	13510	1.11	cps
Gadolinium	160-1	21430	22108	22024	21854	1.69	cps
Gadolinium	160-2	16657	16677	16046	16460	2.18	cps
Holmium	165-1	16228942	16307100	16285940	16273994	0.25	cps
Holmium	165-2	11398549	11247112	11357030	11334231	0.69	cps
Indium	115-1	14250923	14385497	14182428	14272949	0.72	cps
Indium	115-2	4843636	4821298	4826628	4830521	0.24	cps
Iron	56-2	223315797	222270663	218127863	221238108	1.24	cps
Iron	57-2	5434370	5383752	5338961	5385694	0.89	cps
Iron	54-2	12281120	12107448	12172149	12186906	0.72	cps
Krypton	83-1	343	467	390	400	15.57	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87949	89254	87576	88260	1.00	cps
Lead	207-1	75616	75176	75950	75581	0.51	cps
Lead	208-1	343577	347006	345641	345408	0.50	cps
Lithium	6-1	1940338	1848690	1848401	1879143	2.82	cps
Magnesium	24-2	5747257	5623542	5710586	5693795	1.12	cps
Manganese	55-2	6884928	6777904	6732913	6798582	1.15	cps
Molybdenum	94-1	40436	41535	41224	41065	1.38	cps
Molybdenum	95-1	3104	3124	3227	3151	2.10	cps
Molybdenum	96-1	12225	11958	12082	12088	1.11	cps
Molybdenum	97-1	1803	1877	1877	1852	2.29	cps
Molybdenum	98-1	4724	4684	4534	4647	2.16	cps
Neodymium	150-1	40893	41685	40836	41138	1.15	cps
Neodymium	150-2	24618	24034	23857	24170	1.65	cps
Nickel	60-2	88579	88362	89056	88666	0.40	cps
Phosphorus	31-2	9496	9159	9250	9302	1.88	cps
Potassium	39-2	1655789	1683321	1664948	1668019	0.84	cps
Rhodium	103-1	14179606	14078827	14206414	14154949	0.48	cps
Rhodium	103-2	8887192	8784062	8817924	8829726	0.60	cps
Scandium	45-1	10670456	10585881	10584886	10613741	0.46	cps
Scandium	45-2	976292	967700	960282	968091	0.83	cps
Selenium	82-1	634	554	681	623	10.33	cps
Selenium	77-2	107	130	97	111	15.39	cps
Selenium	78-2	577	520	623	573	9.03	cps
Silicon	28-1	14546758	14798400	14654334	14666497	0.86	cps
Silver	107-1	1090	923	1040	1018	8.40	cps
Silver	109-1	977	877	907	920	5.58	cps
Sodium	23-2	127808	127112	125729	126883	0.83	cps
Strontium	86-1	105112	107522	107143	106592	1.22	cps
Strontium	88-1	918333	930378	928577	925762	0.70	cps
Sulfur	34-1	265063	243321	236367	248250	6.03	cps
Terbium	159-1	17000151	17085886	17216406	17100814	0.64	cps
Terbium	159-2	11315696	11403929	11379031	11366219	0.40	cps
Thallium	203-1	1080	1183	1137	1133	4.57	cps
Thallium	205-1	2654	2694	2727	2691	1.36	cps
Tin	118-1	10340	10364	10491	10398	0.78	cps
Titanium	47-1	647924	655576	659562	654354	0.90	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7646	7749	8036	7810	2.59	cps
Vanadium	51-2	483252	479860	473896	479003	0.99	cps
Yttrium	89-1	24075544	24489109	24408886	24324513	0.90	cps
Yttrium	89-2	6102572	5976183	6022203	6033653	1.06	cps
Zinc	66-2	76360	76368	77248	76659	0.67	cps
Zirconium	90-1	107725	110392	110317	109478	1.39	cps
Zirconium	91-1	24227	24297	24794	24439	1.27	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5738312	5716972	5712002	5722429	0.24	cps
Antimony	121-1	3057	3107	3167	3110	1.77	cps
Arsenic	75-2	29179	29506	29038	29241	0.82	cps
Barium	135-1	418857	425507	420646	421670	0.82	cps
Barium	137-1	724754	733750	735728	731411	0.80	cps
Beryllium	9-1	1227	1202	1298	1242	3.99	cps
Bismuth	209-1	9682471	9531438	9805262	9673057	1.42	cps
Bismuth	209-2	7763688	7872930	7547763	7728127	2.14	cps
Bromine	81-1	13059	13029	12769	12952	1.23	cps
Bromine	81-2	420	503	467	463	9.01	cps
Cadmium	108-1	120	130	147	132	10.19	cps
Cadmium	106-1	4684	4491	4604	4593	2.12	cps
Cadmium	111-1	3782	3699	3657	3713	1.71	cps
Calcium	43-1	186830	186802	185760	186464	0.33	cps
Calcium	44-1	2881702	2903382	2884755	2889947	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301457	297829	300673	299986	0.64	cps
Cobalt	59-2	207323	205432	204363	205706	0.73	cps
Copper	63-2	415990	409076	410803	411956	0.87	cps
Dysprosium	156-1	23266	23573	23326	23388	0.70	cps
Dysprosium	156-2	18836	18529	18566	18644	0.90	cps
Erbium	164-1	19470	19828	19497	19598	1.02	cps
Erbium	164-2	13370	13870	13283	13508	2.35	cps
Gadolinium	160-1	21550	22381	22124	22019	1.93	cps
Gadolinium	160-2	16710	16290	16276	16425	1.50	cps
Holmium	165-1	16277972	16506651	16332644	16372423	0.73	cps
Holmium	165-2	11217012	11476249	11188399	11293887	1.40	cps
Indium	115-1	14535345	14366872	14249987	14384068	1.00	cps
Indium	115-2	4755418	4862143	4829692	4815751	1.14	cps
Iron	56-2	216465297	217255150	214669043	216129830	0.61	cps
Iron	57-2	5296149	5301792	5295275	5297738	0.07	cps
Iron	54-2	11820166	11750962	11887301	11819476	0.58	cps
Krypton	83-1	383	400	357	380	5.75	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89287	87754	88425	88489	0.87	cps
Lead	207-1	75813	77319	76893	76675	1.01	cps
Lead	208-1	347671	348788	349463	348641	0.26	cps
Lithium	6-1	1934434	1997165	1852226	1927941	3.77	cps
Magnesium	24-2	5634642	5445589	5572739	5550990	1.74	cps
Manganese	55-2	6620364	6673156	6602473	6631998	0.55	cps
Molybdenum	94-1	41285	41947	42137	41789	1.07	cps
Molybdenum	95-1	3027	3077	3104	3069	1.27	cps
Molybdenum	96-1	11691	12032	11828	11850	1.44	cps
Molybdenum	97-1	1857	1897	1920	1891	1.69	cps
Molybdenum	98-1	4491	4521	4577	4530	0.97	cps
Neodymium	150-1	41153	41755	41274	41394	0.77	cps
Neodymium	150-2	23426	23446	23560	23477	0.31	cps
Nickel	60-2	87480	86394	85629	86501	1.08	cps
Phosphorus	31-2	9003	9099	8666	8923	2.55	cps
Potassium	39-2	1674235	1616292	1626587	1639038	1.89	cps
Rhodium	103-1	14253979	14050562	14245206	14183249	0.81	cps
Rhodium	103-2	8660037	8645421	8553416	8619624	0.67	cps
Scandium	45-1	10501839	10584536	10625107	10570494	0.59	cps
Scandium	45-2	954491	953921	955403	954605	0.08	cps
Selenium	82-1	670	634	713	673	5.89	cps
Selenium	77-2	97	103	90	97	6.89	cps
Selenium	78-2	550	563	487	533	7.68	cps
Silicon	28-1	15004486	14557331	14988141	14849986	1.71	cps
Silver	107-1	910	957	947	938	2.62	cps
Silver	109-1	803	767	800	790	2.57	cps
Sodium	23-2	126891	127122	127150	127054	0.11	cps
Strontium	86-1	107072	106394	106764	106744	0.32	cps
Strontium	88-1	923084	928746	925022	925617	0.31	cps
Sulfur	34-1	241797	235731	233070	236866	1.89	cps
Terbium	159-1	17007493	17286594	17120586	17138225	0.82	cps
Terbium	159-2	11213699	11424922	11309199	11315940	0.93	cps
Thallium	203-1	1130	1080	1257	1156	7.88	cps
Thallium	205-1	2647	2650	2780	2693	2.82	cps
Tin	118-1	10130	10414	10531	10358	1.99	cps
Titanium	47-1	660752	663855	663033	662547	0.24	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8036	7666	7759	7820	2.46	cps
Vanadium	51-2	471061	464452	466018	467177	0.74	cps
Yttrium	89-1	24486956	24436763	24147745	24357155	0.75	cps
Yttrium	89-2	5959098	5924457	5895406	5926320	0.54	cps
Zinc	66-2	74049	73362	72759	73390	0.88	cps
Zirconium	90-1	110358	112067	112692	111706	1.08	cps
Zirconium	91-1	24110	24865	24427	24467	1.55	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159471	1165032	1156249	1160250	0.38	cps
Antimony	121-1	887	630	740	752	17.12	cps
Arsenic	75-2	5771	5651	5928	5783	2.40	cps
Barium	135-1	82909	84147	82862	83306	0.87	cps
Barium	137-1	142166	144203	145008	143792	1.02	cps
Beryllium	9-1	257	311	255	274	11.55	cps
Bismuth	209-1	9838040	9885471	9611918	9778476	1.49	cps
Bismuth	209-2	7964149	7832159	7978842	7925050	1.02	cps
Bromine	81-1	11958	12185	12355	12166	1.64	cps
Bromine	81-2	283	257	233	258	9.71	cps
Cadmium	108-1	43	53	23	40	38.19	cps
Cadmium	106-1	4344	4567	4401	4437	2.62	cps
Cadmium	111-1	3104	3257	3174	3178	2.41	cps
Calcium	43-1	36668	37964	38897	37843	2.96	cps
Calcium	44-1	633255	634856	636051	634721	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61020	60999	61491	61170	0.46	cps
Cobalt	59-2	40959	40792	40318	40690	0.82	cps
Copper	63-2	84735	84939	83927	84534	0.63	cps
Dysprosium	156-1	4754	4804	4678	4745	1.34	cps
Dysprosium	156-2	3617	3781	3420	3606	5.00	cps
Erbium	164-1	4004	4011	3951	3988	0.82	cps
Erbium	164-2	2724	2690	2604	2673	2.32	cps
Gadolinium	160-1	4131	4291	4364	4262	2.80	cps
Gadolinium	160-2	3307	3540	3560	3469	4.06	cps
Holmium	165-1	16808666	16576861	16354491	16580006	1.37	cps
Holmium	165-2	11533153	11374244	11463745	11457047	0.70	cps
Indium	115-1	14846960	14839002	14134740	14606901	2.80	cps
Indium	115-2	4914234	4822540	4824398	4853724	1.08	cps
Iron	56-2	43172604	42983594	42525938	42894045	0.78	cps
Iron	57-2	1105406	1101997	1098402	1101935	0.32	cps
Iron	54-2	2337143	2375738	2346955	2353279	0.85	cps
Krypton	83-1	433	407	353	398	10.24	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18272	18543	18022	18279	1.42	cps
Lead	207-1	14952	15783	15622	15452	2.85	cps
Lead	208-1	70361	71406	70307	70691	0.88	cps
Lithium	6-1	1914881	1963426	1999350	1959219	2.16	cps
Magnesium	24-2	1139346	1134642	1136869	1136952	0.21	cps
Manganese	55-2	1327332	1335895	1334791	1332672	0.35	cps
Molybdenum	94-1	8499	8623	8446	8523	1.06	cps
Molybdenum	95-1	787	747	753	762	2.81	cps
Molybdenum	96-1	2460	2537	2524	2507	1.63	cps
Molybdenum	97-1	483	470	490	481	2.12	cps
Molybdenum	98-1	1100	1057	1180	1112	5.63	cps
Neodymium	150-1	8066	8149	8069	8095	0.58	cps
Neodymium	150-2	4721	4664	4684	4690	0.61	cps
Nickel	60-2	17183	17677	17657	17506	1.60	cps
Phosphorus	31-2	1927	1917	2087	1977	4.83	cps
Potassium	39-2	417245	417507	416974	417242	0.06	cps
Rhodium	103-1	14345283	14591194	14739853	14558776	1.37	cps
Rhodium	103-2	8997304	8590365	8825556	8804408	2.32	cps
Scandium	45-1	10601339	10436688	10092448	10376825	2.50	cps
Scandium	45-2	945521	935647	940241	940470	0.53	cps
Selenium	82-1	578	559	607	581	4.08	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	483	483	390	452	11.92	cps
Silicon	28-1	3255368	3223384	3195054	3224602	0.94	cps
Silver	107-1	267	307	270	281	7.89	cps
Silver	109-1	233	170	210	204	15.67	cps
Sodium	23-2	80522	79457	79212	79730	0.87	cps
Strontium	86-1	21499	21893	21840	21744	0.98	cps
Strontium	88-1	179889	181397	183629	181638	1.04	cps
Sulfur	34-1	244075	246365	240950	243797	1.11	cps
Terbium	159-1	16963649	17454611	17651806	17356689	2.04	cps
Terbium	159-2	11423664	11246108	11441427	11370399	0.95	cps
Thallium	203-1	300	397	330	342	14.46	cps
Thallium	205-1	697	837	757	763	9.20	cps
Tin	118-1	3564	3727	3754	3682	2.79	cps
Titanium	47-1	127623	131415	130524	129854	1.53	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1477	1637	1697	1603	7.09	cps
Vanadium	51-2	92595	92592	92840	92676	0.15	cps
Yttrium	89-1	24134899	23470169	23717845	23774304	1.41	cps
Yttrium	89-2	5945421	5849826	5985524	5926923	1.18	cps
Zinc	66-2	18088	18131	17554	17924	1.79	cps
Zirconium	90-1	22364	22277	22150	22264	0.48	cps
Zirconium	91-1	4764	4911	5048	4908	2.89	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5838513	5732021	5758344	5776292	0.96	cps
Antimony	121-1	193660	196782	194551	194998	0.82	cps
Arsenic	75-2	34219	33571	34373	34055	1.25	cps
Barium	135-1	1348912	1351121	1355035	1351689	0.23	cps
Barium	137-1	2439838	2433279	2500954	2458024	1.52	cps
Beryllium	9-1	18372	18311	18486	18390	0.48	cps
Bismuth	209-1	9744740	9850569	9701222	9765511	0.79	cps
Bismuth	209-2	7851410	7934304	7845812	7877175	0.63	cps
Bromine	81-1	13800	13049	13590	13480	2.87	cps
Bromine	81-2	390	410	420	407	3.76	cps
Cadmium	108-1	1813	1700	2000	1838	8.24	cps
Cadmium	106-1	6928	7195	7392	7172	3.24	cps
Cadmium	111-1	29370	29279	29307	29319	0.16	cps
Calcium	43-1	188269	191244	191979	190498	1.03	cps
Calcium	44-1	2913784	2963169	2975394	2950782	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522318	513250	513400	516323	1.01	cps
Cobalt	59-2	1006157	1007318	995938	1003138	0.62	cps
Copper	63-2	686389	687218	679448	684351	0.62	cps
Dysprosium	156-1	23430	23376	24278	23694	2.13	cps
Dysprosium	156-2	19577	19637	19130	19448	1.43	cps
Erbium	164-1	20045	19861	19333	19746	1.87	cps
Erbium	164-2	13463	13487	13577	13509	0.44	cps
Gadolinium	160-1	22071	22685	22321	22359	1.38	cps
Gadolinium	160-2	16473	16093	16059	16208	1.42	cps
Holmium	165-1	16674653	16584334	16553489	16604159	0.38	cps
Holmium	165-2	11348013	11324947	11318351	11330437	0.14	cps
Indium	115-1	14564817	14726480	14782805	14691367	0.77	cps
Indium	115-2	4859020	4832747	4832678	4841482	0.31	cps
Iron	56-2	219498010	219260890	217435310	218731403	0.52	cps
Iron	57-2	5303601	5355721	5323183	5327502	0.49	cps
Iron	54-2	12003741	12113731	11834664	11984046	1.17	cps
Krypton	83-1	413	393	443	417	6.04	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113599	115667	114520	114595	0.90	cps
Lead	207-1	98071	100095	98866	99011	1.03	cps
Lead	208-1	446974	454986	450929	450963	0.89	cps
Lithium	6-1	2005682	1945309	1967605	1972865	1.55	cps
Magnesium	24-2	5688542	5525879	5565595	5593339	1.52	cps
Manganese	55-2	7128830	7090818	6962870	7060839	1.23	cps
Molybdenum	94-1	41933	42388	41917	42079	0.64	cps
Molybdenum	95-1	2907	3114	3120	3047	3.98	cps
Molybdenum	96-1	11915	11638	11928	11827	1.39	cps
Molybdenum	97-1	1780	2000	2023	1935	6.94	cps
Molybdenum	98-1	4544	4397	4557	4500	1.97	cps
Neodymium	150-1	41167	42093	41785	41681	1.13	cps
Neodymium	150-2	24124	23293	24001	23806	1.88	cps
Nickel	60-2	292604	293234	288415	291417	0.90	cps
Phosphorus	31-2	8769	8776	8693	8746	0.53	cps
Potassium	39-2	1644758	1626308	1628992	1633353	0.61	cps
Rhodium	103-1	14615897	14351354	14222871	14396707	1.39	cps
Rhodium	103-2	8585593	8765008	8674915	8675172	1.03	cps
Scandium	45-1	10869202	10703220	10887210	10819878	0.94	cps
Scandium	45-2	960610	950755	948125	953163	0.69	cps
Selenium	82-1	5174	5237	4944	5118	3.02	cps
Selenium	77-2	530	527	530	529	0.36	cps
Selenium	78-2	1903	1880	1930	1905	1.31	cps
Silicon	28-1	15414872	15332399	15265234	15337502	0.49	cps
Silver	107-1	110158	111521	112549	111409	1.08	cps
Silver	109-1	104588	106904	105161	105551	1.14	cps
Sodium	23-2	127734	127213	126356	127101	0.55	cps
Strontium	86-1	107026	107865	108761	107884	0.80	cps
Strontium	88-1	926825	934607	941008	934147	0.76	cps
Sulfur	34-1	246703	242671	239420	242931	1.50	cps
Terbium	159-1	17566691	17181049	17487696	17411812	1.17	cps
Terbium	159-2	11422312	11492144	11414839	11443098	0.37	cps
Thallium	203-1	75233	76292	76037	75854	0.73	cps
Thallium	205-1	178056	179684	179360	179033	0.48	cps
Tin	118-1	10240	10684	11236	10720	4.65	cps
Titanium	47-1	665488	669690	675485	670221	0.75	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8186	8042	7909	8046	1.72	cps
Vanadium	51-2	933946	940077	936552	936858	0.33	cps
Yttrium	89-1	24412277	24353085	24641093	24468818	0.62	cps
Yttrium	89-2	5964201	5889081	5901519	5918267	0.68	cps
Zinc	66-2	162675	161291	159418	161128	1.01	cps
Zirconium	90-1	109817	112625	111845	111429	1.30	cps
Zirconium	91-1	25102	24898	24467	24822	1.30	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6084168	6102934	6177560	6121554	0.81	cps
Antimony	121-1	970856	978371	971286	973504	0.43	cps
Arsenic	75-2	52392	51596	52519	52169	0.96	cps
Barium	135-1	6076436	5990760	5932444	5999880	1.21	cps
Barium	137-1	10544959	10556051	10461236	10520749	0.49	cps
Beryllium	9-1	99444	104453	103496	102464	2.60	cps
Bismuth	209-1	9866761	9854274	9782243	9834426	0.46	cps
Bismuth	209-2	7768058	7901983	7679732	7783258	1.44	cps
Bromine	81-1	13083	12929	13303	13105	1.43	cps
Bromine	81-2	480	400	487	456	10.59	cps
Cadmium	108-1	8753	8926	8739	8806	1.18	cps
Cadmium	106-1	16433	17537	16676	16882	3.44	cps
Cadmium	111-1	133867	133375	131475	132906	0.95	cps
Calcium	43-1	184706	183058	182281	183348	0.68	cps
Calcium	44-1	2878325	2899749	2871274	2883116	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1497752	1511038	1507019	1505270	0.45	cps
Cobalt	59-2	4851591	4884783	4782426	4839600	1.08	cps
Copper	63-2	2009470	2007123	2014062	2010218	0.18	cps
Dysprosium	156-1	23112	23486	23163	23254	0.87	cps
Dysprosium	156-2	19010	19370	18489	18956	2.34	cps
Erbium	164-1	19140	19814	19510	19488	1.73	cps
Erbium	164-2	12873	12996	12736	12868	1.01	cps
Gadolinium	160-1	22134	22224	22114	22158	0.26	cps
Gadolinium	160-2	15796	15836	16066	15899	0.92	cps
Holmium	165-1	16515421	16521616	16240284	16425774	0.98	cps
Holmium	165-2	11373538	11158584	11216745	11249622	0.99	cps
Indium	115-1	14534113	14513082	14473786	14506993	0.21	cps
Indium	115-2	4874650	4812331	4689249	4792076	1.97	cps
Iron	56-2	215975597	210355397	210392317	212241104	1.52	cps
Iron	57-2	5271062	5354924	5201983	5275990	1.45	cps
Iron	54-2	11863675	11591880	11915065	11790207	1.47	cps
Krypton	83-1	380	360	370	370	2.70	cps

Reviewed By:mohan
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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209333	214421	210992	211582	1.23	cps
Lead	207-1	182374	182758	179986	181706	0.83	cps
Lead	208-1	830120	839260	826800	832060	0.78	cps
Lithium	6-1	2085555	2041788	2066559	2064634	1.06	cps
Magnesium	24-2	5391767	5354823	5447593	5398061	0.87	cps
Manganese	55-2	8425648	8315978	8399089	8380238	0.68	cps
Molybdenum	94-1	40570	41245	41907	41240	1.62	cps
Molybdenum	95-1	3187	3047	3224	3153	2.96	cps
Molybdenum	96-1	11131	11461	11611	11401	2.16	cps
Molybdenum	97-1	1930	1913	1700	1848	6.94	cps
Molybdenum	98-1	4424	4878	4624	4642	4.90	cps
Neodymium	150-1	39783	40782	40712	40426	1.38	cps
Neodymium	150-2	22929	22755	22602	22762	0.72	cps
Nickel	60-2	1235511	1280973	1271030	1262505	1.89	cps
Phosphorus	31-2	8926	8286	8416	8542	3.96	cps
Potassium	39-2	1593186	1552104	1547836	1564375	1.60	cps
Rhodium	103-1	14202695	14357986	14255558	14272080	0.55	cps
Rhodium	103-2	8754814	8848136	8490306	8697752	2.13	cps
Scandium	45-1	10952151	10855216	10821527	10876298	0.62	cps
Scandium	45-2	945917	955917	936210	946015	1.04	cps
Selenium	82-1	20641	21105	21275	21007	1.56	cps
Selenium	77-2	2067	1853	2050	1990	5.96	cps
Selenium	78-2	7015	6542	6785	6780	3.49	cps
Silicon	28-1	14500496	14881205	14926214	14769305	1.58	cps
Silver	107-1	540048	542097	543704	541950	0.34	cps
Silver	109-1	502657	521112	518042	513937	1.92	cps
Sodium	23-2	126114	126760	126138	126337	0.29	cps
Strontium	86-1	101755	104188	104948	103631	1.61	cps
Strontium	88-1	896379	897484	908022	900628	0.71	cps
Sulfur	34-1	243440	239044	238746	240410	1.09	cps
Terbium	159-1	17577281	17172392	17393698	17381124	1.17	cps
Terbium	159-2	11452618	11500856	11314889	11422787	0.84	cps
Thallium	203-1	382842	382874	382370	382695	0.07	cps
Thallium	205-1	902839	910367	899302	904170	0.63	cps
Tin	118-1	9887	10434	10127	10149	2.70	cps
Titanium	47-1	633586	651912	647916	644471	1.50	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7656	7392	7452	7500	1.84	cps
Vanadium	51-2	3039719	3078253	3123645	3080539	1.36	cps
Yttrium	89-1	24477794	24246323	24035293	24253137	0.91	cps
Yttrium	89-2	5856216	5849418	5842050	5849228	0.12	cps
Zinc	66-2	574397	566373	565576	568782	0.86	cps
Zirconium	90-1	107362	107872	106559	107265	0.62	cps
Zirconium	91-1	24170	24220	24397	24262	0.49	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27819420	27806280	27652494	27759398	0.33	cps
Antimony	121-1	8049	8409	8329	8262	2.29	cps
Arsenic	75-2	110984	110307	112264	111185	0.89	cps
Barium	135-1	1213629	1217107	1204950	1211896	0.52	cps
Barium	137-1	2220194	2248920	2190096	2219737	1.33	cps
Beryllium	9-1	2822	2796	2817	2812	0.50	cps
Bismuth	209-1	9513540	9388501	9462530	9454857	0.66	cps
Bismuth	209-2	7498314	7573861	7466554	7512910	0.73	cps
Bromine	81-1	14751	14674	14914	14780	0.83	cps
Bromine	81-2	1080	907	1023	1003	8.81	cps
Cadmium	108-1	270	230	307	269	14.26	cps
Cadmium	106-1	5188	5141	4974	5101	2.20	cps
Cadmium	111-1	5029	5164	4857	5017	3.07	cps
Calcium	43-1	383373	390805	386759	386979	0.96	cps
Calcium	44-1	5897741	6002739	6001239	5967240	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	939816	943271	937670	940252	0.30	cps
Cobalt	59-2	1031608	1031714	1013186	1025503	1.04	cps
Copper	63-2	2526201	2493357	2532927	2517495	0.84	cps
Dysprosium	156-1	65368	64655	65763	65262	0.86	cps
Dysprosium	156-2	48336	49015	49527	48959	1.22	cps
Erbium	164-1	71130	73713	72273	72372	1.79	cps
Erbium	164-2	49367	49069	49213	49216	0.30	cps
Gadolinium	160-1	69334	69823	69806	69654	0.40	cps
Gadolinium	160-2	50139	50551	50601	50430	0.50	cps
Holmium	165-1	16476570	16197964	16124114	16266216	1.14	cps
Holmium	165-2	11100938	11201800	11331066	11211268	1.03	cps
Indium	115-1	14103462	13889754	14036468	14009895	0.78	cps
Indium	115-2	4575254	4636787	4553598	4588546	0.94	cps
Iron	56-2	988197292	985443052	995777185	989805843	0.54	cps
Iron	57-2	24627799	24091985	24463923	24394569	1.13	cps
Iron	54-2	53877766	54933213	54052228	54287735	1.04	cps
Krypton	83-1	537	547	590	558	5.08	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	134359	135578	134685	134874	0.47	cps
Lead	207-1	114186	116740	115688	115538	1.11	cps
Lead	208-1	523230	529180	527442	526617	0.58	cps
Lithium	6-1	2049802	1994465	2093708	2045992	2.43	cps
Magnesium	24-2	31765294	32064136	31699837	31843089	0.61	cps
Manganese	55-2	15932411	15955719	16078498	15988876	0.49	cps
Molybdenum	94-1	41134	42766	41816	41905	1.95	cps
Molybdenum	95-1	10364	10978	10370	10571	3.33	cps
Molybdenum	96-1	25693	25292	25365	25450	0.84	cps
Molybdenum	97-1	6495	6702	6618	6605	1.57	cps
Molybdenum	98-1	16259	16162	16499	16307	1.06	cps
Neodymium	150-1	86503	87912	86889	87101	0.84	cps
Neodymium	150-2	49012	48975	48737	48908	0.30	cps
Nickel	60-2	340853	341805	342043	341567	0.18	cps
Phosphorus	31-2	37867	38852	37924	38214	1.45	cps
Potassium	39-2	8622329	8711517	8686804	8673550	0.53	cps
Rhodium	103-1	13592427	13589989	13516773	13566396	0.32	cps
Rhodium	103-2	8221815	8380334	8149179	8250443	1.43	cps
Scandium	45-1	11333542	11517434	11366222	11405733	0.86	cps
Scandium	45-2	994314	997237	1001136	997563	0.34	cps
Selenium	82-1	783	662	713	719	8.42	cps
Selenium	77-2	267	283	290	280	4.29	cps
Selenium	78-2	633	587	627	616	4.10	cps
Silicon	28-1	40105174	40966301	41700718	40924064	1.95	cps
Silver	107-1	3847	2844	2670	3120	20.36	cps
Silver	109-1	3804	2914	2544	3087	20.98	cps
Sodium	23-2	267924	272349	274672	271648	1.26	cps
Strontium	86-1	283812	287581	284998	285463	0.68	cps
Strontium	88-1	2562733	2485451	2535172	2527786	1.55	cps
Sulfur	34-1	266655	269399	269677	268577	0.62	cps
Terbium	159-1	17017520	16973075	17199469	17063355	0.70	cps
Terbium	159-2	11075914	11112604	11119458	11102658	0.21	cps
Thallium	203-1	2070	2080	2254	2135	4.83	cps
Thallium	205-1	5138	5491	5328	5319	3.33	cps
Tin	118-1	30499	31839	32066	31468	2.69	cps
Titanium	47-1	3285021	3332724	3338236	3318660	0.88	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14218	13787	14024	14010	1.54	cps
Vanadium	51-2	3408319	3390561	3394106	3397662	0.28	cps
Yttrium	89-1	25034525	24575770	24704262	24771519	0.96	cps
Yttrium	89-2	5957370	5952349	5896026	5935248	0.57	cps
Zinc	66-2	258881	257303	258611	258265	0.33	cps
Zirconium	90-1	98706	98575	97282	98188	0.80	cps
Zirconium	91-1	22160	22260	22167	22196	0.25	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24276535	23687966	24073970	24012824	1.25	cps
Antimony	121-1	28702	29484	29026	29071	1.35	cps
Arsenic	75-2	94438	93717	94132	94096	0.38	cps
Barium	135-1	1244057	1247185	1251444	1247562	0.30	cps
Barium	137-1	2265612	2288403	2279228	2277748	0.50	cps
Beryllium	9-1	4413	4418	4458	4430	0.55	cps
Bismuth	209-1	9519450	9575705	9325274	9473477	1.39	cps
Bismuth	209-2	7569178	7461976	7551238	7527464	0.76	cps
Bromine	81-1	14020	14184	14380	14195	1.27	cps
Bromine	81-2	837	943	893	891	5.99	cps
Cadmium	108-1	333	323	403	353	12.34	cps
Cadmium	106-1	5351	5544	5008	5301	5.13	cps
Cadmium	111-1	6679	6788	6610	6693	1.34	cps
Calcium	43-1	1126540	1133172	1147208	1135640	0.93	cps
Calcium	44-1	17234965	17299723	17066101	17200263	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	891583	891909	877468	886987	0.93	cps
Cobalt	59-2	825573	817047	811454	818025	0.87	cps
Copper	63-2	2163084	2139859	2083405	2128783	1.92	cps
Dysprosium	156-1	61055	60670	62130	61285	1.23	cps
Dysprosium	156-2	48390	48390	48018	48266	0.44	cps
Erbium	164-1	60222	62723	62174	61706	2.13	cps
Erbium	164-2	41391	41873	41425	41563	0.65	cps
Gadolinium	160-1	61561	62760	61745	62022	1.04	cps
Gadolinium	160-2	44915	44520	44541	44659	0.50	cps
Holmium	165-1	16420182	16259385	16393112	16357560	0.53	cps
Holmium	165-2	11229842	11089652	11148271	11155922	0.63	cps
Indium	115-1	13789304	14063034	13782589	13878309	1.15	cps
Indium	115-2	4633294	4579550	4624413	4612419	0.62	cps
Iron	56-2	894971987	880714707	878506680	884731125	1.01	cps
Iron	57-2	22051749	21825281	21646180	21841070	0.93	cps
Iron	54-2	48397891	48692808	49049084	48713261	0.67	cps
Krypton	83-1	573	513	463	517	10.66	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	295981	298443	299705	298043	0.64	cps
Lead	207-1	253854	257665	259098	256873	1.06	cps
Lead	208-1	1162078	1174886	1180097	1172354	0.79	cps
Lithium	6-1	2054688	2035306	1925359	2005118	3.48	cps
Magnesium	24-2	28551030	28696749	28301167	28516315	0.70	cps
Manganese	55-2	14881476	14759300	14823220	14821332	0.41	cps
Molybdenum	94-1	68432	70495	70264	69731	1.62	cps
Molybdenum	95-1	10017	10170	10204	10130	0.98	cps
Molybdenum	96-1	28571	28615	29016	28734	0.85	cps
Molybdenum	97-1	6431	6245	5988	6221	3.58	cps
Molybdenum	98-1	15532	14891	15038	15154	2.21	cps
Neodymium	150-1	97494	99689	97551	98245	1.27	cps
Neodymium	150-2	55626	55736	55385	55582	0.32	cps
Nickel	60-2	339271	334427	336443	336714	0.72	cps
Phosphorus	31-2	96840	94889	95592	95774	1.03	cps
Potassium	39-2	8544654	8443264	8446031	8477983	0.68	cps
Rhodium	103-1	13603410	13707242	13473823	13594825	0.86	cps
Rhodium	103-2	8271099	8332313	8337243	8313552	0.44	cps
Scandium	45-1	10958247	11142574	10898281	10999701	1.16	cps
Scandium	45-2	993766	985512	977923	985734	0.80	cps
Selenium	82-1	751	712	845	769	8.88	cps
Selenium	77-2	230	270	253	251	8.00	cps
Selenium	78-2	650	667	667	661	1.46	cps
Silicon	28-1	40376573	40416397	40549569	40447513	0.22	cps
Silver	107-1	2914	2987	2894	2931	1.68	cps
Silver	109-1	2627	2730	2747	2701	2.41	cps
Sodium	23-2	324563	325487	327098	325716	0.39	cps
Strontium	86-1	795635	795476	791312	794141	0.31	cps
Strontium	88-1	6955368	6826972	7081784	6954708	1.83	cps
Sulfur	34-1	314825	313913	317333	315357	0.56	cps
Terbium	159-1	16984810	17091239	16808006	16961352	0.84	cps
Terbium	159-2	11392081	11129710	11197232	11239674	1.21	cps
Thallium	203-1	2230	2347	2377	2318	3.34	cps
Thallium	205-1	5278	5478	5244	5333	2.37	cps
Tin	118-1	37315	38247	38438	38000	1.58	cps
Titanium	47-1	2509606	2553598	2516789	2526664	0.93	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16480	15940	16677	16366	2.33	cps
Vanadium	51-2	2817755	2771221	2726884	2771953	1.64	cps
Yttrium	89-1	24958867	24563380	24495221	24672489	1.01	cps
Yttrium	89-2	5929771	5866161	5813668	5869867	0.99	cps
Zinc	66-2	386276	379811	380856	382314	0.91	cps
Zirconium	90-1	172842	178619	177695	176385	1.76	cps
Zirconium	91-1	39927	39292	40255	39825	1.23	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26151856	26182865	26420880	26251867	0.56	cps
Antimony	121-1	15755	16219	16470	16148	2.24	cps
Arsenic	75-2	132747	132919	132270	132645	0.25	cps
Barium	135-1	2023459	2035253	2008647	2022453	0.66	cps
Barium	137-1	3547807	3533547	3484075	3521810	0.95	cps
Beryllium	9-1	4673	4770	4805	4749	1.44	cps
Bismuth	209-1	9505777	9556204	9539159	9533713	0.27	cps
Bismuth	209-2	7486097	7581936	7485161	7517731	0.74	cps
Bromine	81-1	13693	14294	14154	14047	2.24	cps
Bromine	81-2	843	883	960	896	6.62	cps
Cadmium	108-1	520	573	523	539	5.54	cps
Cadmium	106-1	5441	5571	5561	5524	1.31	cps
Cadmium	111-1	7832	7896	8121	7949	1.91	cps
Calcium	43-1	1323301	1304216	1316485	1314667	0.74	cps
Calcium	44-1	21084138	21414935	21140426	21213166	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1022349	1020700	1023905	1022318	0.16	cps
Cobalt	59-2	967083	964454	960801	964113	0.33	cps
Copper	63-2	2591454	2611474	2574901	2592610	0.71	cps
Dysprosium	156-1	68764	69287	68389	68813	0.66	cps
Dysprosium	156-2	53776	54207	53792	53925	0.45	cps
Erbium	164-1	71194	70822	71609	71208	0.55	cps
Erbium	164-2	48119	48370	47567	48019	0.86	cps
Gadolinium	160-1	69207	69099	69850	69385	0.58	cps
Gadolinium	160-2	50146	50310	49554	50003	0.80	cps
Holmium	165-1	16137134	16263541	16285368	16228681	0.49	cps
Holmium	165-2	11053280	11386025	11298239	11245848	1.53	cps
Indium	115-1	13929456	13971942	13969403	13956934	0.17	cps
Indium	115-2	4540972	4670933	4557692	4589866	1.54	cps
Iron	56-2	1042014118	1042614518	1034430518	1039686385	0.44	cps
Iron	57-2	25125128	25371513	25356378	25284340	0.55	cps
Iron	54-2	56575136	56498947	57062787	56712290	0.54	cps
Krypton	83-1	533	627	470	543	14.51	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410471	410170	412542	411061	0.31	cps
Lead	207-1	351085	355134	351773	352664	0.61	cps
Lead	208-1	1603827	1612273	1609096	1608399	0.27	cps
Lithium	6-1	2027282	1977879	2043995	2016385	1.70	cps
Magnesium	24-2	30872666	31022526	31197823	31031005	0.52	cps
Manganese	55-2	17090802	17192083	17088481	17123789	0.35	cps
Molybdenum	94-1	90823	92483	90568	91291	1.14	cps
Molybdenum	95-1	12415	13423	12752	12864	3.99	cps
Molybdenum	96-1	35684	36435	35951	36023	1.06	cps
Molybdenum	97-1	8189	8209	8276	8225	0.55	cps
Molybdenum	98-1	20074	20324	20351	20250	0.75	cps
Neodymium	150-1	109121	108833	109250	109068	0.20	cps
Neodymium	150-2	61239	62320	60506	61355	1.49	cps
Nickel	60-2	362283	363327	361923	362511	0.20	cps
Phosphorus	31-2	95871	95989	95083	95647	0.52	cps
Potassium	39-2	9835237	9752433	9666160	9751276	0.87	cps
Rhodium	103-1	13548301	13677590	13464401	13563431	0.79	cps
Rhodium	103-2	8227043	8368684	8239588	8278439	0.95	cps
Scandium	45-1	11168976	11476934	11282503	11309471	1.38	cps
Scandium	45-2	998568	1002129	990184	996960	0.62	cps
Selenium	82-1	798	789	879	822	6.03	cps
Selenium	77-2	323	240	233	266	18.88	cps
Selenium	78-2	700	687	740	709	3.92	cps
Silicon	28-1	37583014	37808163	37886704	37759294	0.42	cps
Silver	107-1	5511	5611	5474	5532	1.28	cps
Silver	109-1	5074	5204	5174	5151	1.32	cps
Sodium	23-2	362466	363256	364506	363409	0.28	cps
Strontium	86-1	824663	829971	824200	826278	0.39	cps
Strontium	88-1	7242405	7377007	7270235	7296549	0.97	cps
Sulfur	34-1	320314	322406	320732	321150	0.34	cps
Terbium	159-1	17204952	16945397	17127140	17092496	0.78	cps
Terbium	159-2	11168222	11318926	11099028	11195392	1.00	cps
Thallium	203-1	2314	2414	2434	2387	2.69	cps
Thallium	205-1	5625	5565	5685	5625	1.07	cps
Tin	118-1	30937	31879	31982	31599	1.82	cps
Titanium	47-1	2837298	2904242	2817689	2853076	1.59	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20422	20670	21284	20792	2.13	cps
Vanadium	51-2	3185916	3194180	3167425	3182507	0.43	cps
Yttrium	89-1	24715135	24780050	24500812	24665333	0.59	cps
Yttrium	89-2	5903672	5958088	5978269	5946676	0.65	cps
Zinc	66-2	460868	455684	454941	457165	0.71	cps
Zirconium	90-1	230804	236784	233537	233708	1.28	cps
Zirconium	91-1	51012	51955	51373	51447	0.93	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26346565	26236833	26476334	26353244	0.45	cps
Antimony	121-1	14801	14935	14461	14732	1.66	cps
Arsenic	75-2	119714	120142	119980	119945	0.18	cps
Barium	135-1	1281755	1267154	1290292	1279734	0.91	cps
Barium	137-1	2322748	2322792	2384292	2343277	1.52	cps
Beryllium	9-1	4056	4126	3945	4043	2.26	cps
Bismuth	209-1	9630004	9461718	9430375	9507365	1.13	cps
Bismuth	209-2	7771867	7584143	7659336	7671782	1.23	cps
Bromine	81-1	14267	14030	14344	14214	1.15	cps
Bromine	81-2	983	960	877	940	5.97	cps
Cadmium	108-1	427	450	463	447	4.16	cps
Cadmium	106-1	5611	5218	5484	5438	3.69	cps
Cadmium	111-1	7453	7231	7635	7440	2.72	cps
Calcium	43-1	842310	847164	856597	848690	0.86	cps
Calcium	44-1	12832667	12826129	13094493	12917763	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019950	1023582	1024989	1022840	0.25	cps
Cobalt	59-2	980505	977336	981949	979930	0.24	cps
Copper	63-2	2473912	2467256	2438262	2459810	0.77	cps
Dysprosium	156-1	65318	66349	66045	65904	0.80	cps
Dysprosium	156-2	50052	50748	50758	50519	0.80	cps
Erbium	164-1	69210	68919	70460	69530	1.18	cps
Erbium	164-2	45514	46414	46735	46221	1.37	cps
Gadolinium	160-1	65870	66912	66899	66560	0.90	cps
Gadolinium	160-2	47838	48524	48899	48420	1.11	cps
Holmium	165-1	16365490	16259156	16217561	16280736	0.47	cps
Holmium	165-2	11784212	11565293	11430003	11593170	1.54	cps
Indium	115-1	14057823	13992134	13897679	13982545	0.58	cps
Indium	115-2	4836591	4739535	4669367	4748498	1.77	cps
Iron	56-2	1200422035	1210382942	1179334409	1196713129	1.32	cps
Iron	57-2	29326840	29362096	29287360	29325432	0.13	cps
Iron	54-2	66848386	65340129	65473632	65887382	1.27	cps
Krypton	83-1	490	533	483	502	5.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323071	326704	328183	325986	0.81	cps
Lead	207-1	280473	277743	283232	280483	0.98	cps
Lead	208-1	1275098	1276734	1289443	1280425	0.61	cps
Lithium	6-1	1957576	1966362	1965419	1963119	0.25	cps
Magnesium	24-2	31508963	31776849	31349356	31545056	0.68	cps
Manganese	55-2	16363228	16287639	16012148	16221005	1.14	cps
Molybdenum	94-1	64441	65395	64685	64841	0.76	cps
Molybdenum	95-1	18328	18755	18559	18547	1.15	cps
Molybdenum	96-1	38324	39687	39279	39097	1.79	cps
Molybdenum	97-1	11121	11458	11465	11348	1.73	cps
Molybdenum	98-1	28658	28845	28758	28754	0.33	cps
Neodymium	150-1	97786	99297	100076	99053	1.18	cps
Neodymium	150-2	55673	54669	54786	55043	1.00	cps
Nickel	60-2	360745	366800	365249	364265	0.86	cps
Phosphorus	31-2	77445	77763	77676	77628	0.21	cps
Potassium	39-2	9281279	9298448	9373167	9317631	0.52	cps
Rhodium	103-1	13667976	13845742	13424644	13646121	1.55	cps
Rhodium	103-2	8662738	8508325	8364210	8511758	1.75	cps
Scandium	45-1	11166075	11191678	11275188	11210980	0.51	cps
Scandium	45-2	1047156	1029377	1011478	1029337	1.73	cps
Selenium	82-1	848	832	931	870	6.08	cps
Selenium	77-2	300	323	340	321	6.26	cps
Selenium	78-2	587	743	623	651	12.59	cps
Silicon	28-1	34799959	34871671	35607972	35093201	1.27	cps
Silver	107-1	3871	3567	3834	3757	4.41	cps
Silver	109-1	3767	3604	3587	3653	2.72	cps
Sodium	23-2	385961	392270	389148	389126	0.81	cps
Strontium	86-1	633896	633537	632668	633367	0.10	cps
Strontium	88-1	5531808	5553783	5594999	5560197	0.58	cps
Sulfur	34-1	311247	316329	314424	314000	0.82	cps
Terbium	159-1	17212218	16849597	16973394	17011737	1.08	cps
Terbium	159-2	11778079	11398728	11386560	11521122	1.93	cps
Thallium	203-1	2240	2097	2167	2168	3.31	cps
Thallium	205-1	5174	5444	5441	5353	2.90	cps
Tin	118-1	35394	31314	30522	32410	8.07	cps
Titanium	47-1	2881941	2900260	2892680	2891627	0.32	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17041	17268	17542	17284	1.45	cps
Vanadium	51-2	3955161	3941388	3899879	3932143	0.73	cps
Yttrium	89-1	25049016	24624725	24680070	24784604	0.93	cps
Yttrium	89-2	6184424	6070653	5971390	6075489	1.75	cps
Zinc	66-2	495202	497623	496673	496499	0.25	cps
Zirconium	90-1	148368	149387	149186	148980	0.36	cps
Zirconium	91-1	32640	33221	33572	33144	1.42	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18344753	18912188	18303531	18520158	1.84	cps
Antimony	121-1	15008	14925	14731	14888	0.95	cps
Arsenic	75-2	93599	93542	93727	93623	0.10	cps
Barium	135-1	1265234	1268073	1267358	1266888	0.12	cps
Barium	137-1	2313430	2347586	2332034	2331016	0.73	cps
Beryllium	9-1	3514	3620	3572	3569	1.50	cps
Bismuth	209-1	9736478	9718788	9510002	9655089	1.30	cps
Bismuth	209-2	7558231	7547576	7714676	7606828	1.23	cps
Bromine	81-1	13520	13897	13827	13748	1.46	cps
Bromine	81-2	767	790	660	739	9.38	cps
Cadmium	108-1	387	307	313	336	13.23	cps
Cadmium	106-1	5371	5218	5131	5240	2.32	cps
Cadmium	111-1	6303	6251	6303	6286	0.47	cps
Calcium	43-1	1462769	1514249	1481519	1486179	1.75	cps
Calcium	44-1	23771553	24077929	23620184	23823222	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	721797	719789	714882	718823	0.49	cps
Cobalt	59-2	690674	689187	692175	690679	0.22	cps
Copper	63-2	1964596	1991530	1962249	1972792	0.82	cps
Dysprosium	156-1	53930	54636	54512	54359	0.69	cps
Dysprosium	156-2	42946	43303	42838	43029	0.57	cps
Erbium	164-1	55098	55031	55178	55103	0.13	cps
Erbium	164-2	36792	36992	36718	36834	0.39	cps
Gadolinium	160-1	53100	53538	53960	53533	0.80	cps
Gadolinium	160-2	38754	39138	38710	38867	0.61	cps
Holmium	165-1	16770236	16511398	16568778	16616804	0.82	cps
Holmium	165-2	11187045	11224962	11350301	11254102	0.76	cps
Indium	115-1	14263314	14201615	14066510	14177146	0.71	cps
Indium	115-2	4654624	4666661	4614914	4645399	0.58	cps
Iron	56-2	781831455	774387002	769136869	775118442	0.82	cps
Iron	57-2	18852816	18921358	18897361	18890512	0.18	cps
Iron	54-2	43404043	42993933	42774846	43057607	0.74	cps
Krypton	83-1	500	427	500	476	8.90	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248376	250880	251409	250222	0.65	cps
Lead	207-1	210627	213638	211760	212009	0.72	cps
Lead	208-1	967110	982795	976572	975492	0.81	cps
Lithium	6-1	2025803	1983708	1974065	1994525	1.38	cps
Magnesium	24-2	21834862	22115763	21680829	21877151	1.01	cps
Manganese	55-2	11877127	11902215	11714386	11831243	0.86	cps
Molybdenum	94-1	50687	52096	52132	51638	1.60	cps
Molybdenum	95-1	9980	10240	10180	10134	1.34	cps
Molybdenum	96-1	25342	24754	25382	25159	1.40	cps
Molybdenum	97-1	5988	6608	6088	6228	5.35	cps
Molybdenum	98-1	15612	15969	15542	15707	1.46	cps
Neodymium	150-1	85400	88579	88315	87431	2.02	cps
Neodymium	150-2	50500	49774	48905	49726	1.61	cps
Nickel	60-2	265206	264659	263543	264469	0.32	cps
Phosphorus	31-2	74426	73422	74125	73991	0.70	cps
Potassium	39-2	7341963	7366986	7327777	7345576	0.27	cps
Rhodium	103-1	14036175	13882060	13838619	13918951	0.75	cps
Rhodium	103-2	8326190	8497552	8504272	8442671	1.20	cps
Scandium	45-1	11126598	11029158	10902920	11019559	1.02	cps
Scandium	45-2	987465	980618	975074	981052	0.63	cps
Selenium	82-1	748	825	868	814	7.45	cps
Selenium	77-2	277	233	253	254	8.52	cps
Selenium	78-2	737	623	680	680	8.33	cps
Silicon	28-1	27328654	27902262	27311189	27514035	1.22	cps
Silver	107-1	2757	2584	2780	2707	3.97	cps
Silver	109-1	2467	2480	2414	2454	1.44	cps
Sodium	23-2	288507	290764	291734	290335	0.57	cps
Strontium	86-1	598821	610053	609360	606078	1.04	cps
Strontium	88-1	5312257	5434378	5427132	5391256	1.27	cps
Sulfur	34-1	321521	318040	320123	319894	0.55	cps
Terbium	159-1	17226338	17210416	17180486	17205747	0.14	cps
Terbium	159-2	11292694	11360009	11203842	11285515	0.69	cps
Thallium	203-1	1850	1897	1810	1852	2.34	cps
Thallium	205-1	4681	4521	4437	4546	2.72	cps
Tin	118-1	25179	25526	25613	25439	0.90	cps
Titanium	47-1	2194198	2229250	2170013	2197820	1.36	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15586	15863	15159	15536	2.28	cps
Vanadium	51-2	2334283	2416085	2367382	2372584	1.73	cps
Yttrium	89-1	24498498	24727900	24657575	24627991	0.48	cps
Yttrium	89-2	5863112	5992436	5984415	5946654	1.22	cps
Zinc	66-2	407393	408351	403113	406285	0.69	cps
Zirconium	90-1	125387	126691	128977	127018	1.43	cps
Zirconium	91-1	28057	28197	28327	28194	0.48	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26610239	26584976	26159604	26451606	0.96	cps
Antimony	121-1	11478	10944	11615	11346	3.12	cps
Arsenic	75-2	150885	149864	149969	150239	0.37	cps
Barium	135-1	1769183	1762313	1728537	1753344	1.24	cps
Barium	137-1	3043165	3045339	2973629	3020711	1.35	cps
Beryllium	9-1	4279	4497	4393	4389	2.49	cps
Bismuth	209-1	9495517	9483778	9629463	9536252	0.85	cps
Bismuth	209-2	7497148	7435441	7493922	7475504	0.46	cps
Bromine	81-1	14207	14684	14063	14318	2.27	cps
Bromine	81-2	967	1010	1093	1023	6.29	cps
Cadmium	108-1	510	443	497	483	7.30	cps
Cadmium	106-1	5124	5168	5448	5247	3.35	cps
Cadmium	111-1	6534	6444	6960	6646	4.14	cps
Calcium	43-1	797968	810107	798239	802105	0.86	cps
Calcium	44-1	12254120	12192712	11797684	12081506	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010887	1005068	999574	1005176	0.56	cps
Cobalt	59-2	961604	963851	959163	961539	0.24	cps
Copper	63-2	1996290	1987557	1946156	1976668	1.35	cps
Dysprosium	156-1	84868	86280	86994	86047	1.26	cps
Dysprosium	156-2	66898	66108	66467	66491	0.60	cps
Erbium	164-1	86673	89075	89061	88270	1.57	cps
Erbium	164-2	59566	57822	58408	58599	1.51	cps
Gadolinium	160-1	87729	89131	86944	87935	1.26	cps
Gadolinium	160-2	61869	63031	61330	62077	1.40	cps
Holmium	165-1	16421898	16249987	16541994	16404626	0.89	cps
Holmium	165-2	11158851	11240746	11250182	11216593	0.45	cps
Indium	115-1	14094418	14375389	14008223	14159343	1.36	cps
Indium	115-2	4616615	4607701	4657202	4627173	0.57	cps
Iron	56-2	959837106	967120732	963527479	963495106	0.38	cps
Iron	57-2	23791038	23667492	23629232	23695921	0.36	cps
Iron	54-2	53252804	53053469	53595034	53300436	0.51	cps
Krypton	83-1	580	553	517	550	5.78	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	266495	269359	270201	268685	0.72	cps
Lead	207-1	227228	232269	231101	230199	1.15	cps
Lead	208-1	1045501	1059882	1050746	1052043	0.69	cps
Lithium	6-1	1957223	1882653	1852943	1897606	2.83	cps
Magnesium	24-2	30371433	30228510	30233181	30277708	0.27	cps
Manganese	55-2	16062897	15980204	16051924	16031675	0.28	cps
Molybdenum	94-1	78395	78204	77735	78111	0.43	cps
Molybdenum	95-1	11164	11194	11208	11189	0.20	cps
Molybdenum	96-1	30639	31086	31237	30987	1.00	cps
Molybdenum	97-1	6692	7052	6995	6913	2.80	cps
Molybdenum	98-1	16623	17037	16746	16802	1.26	cps
Neodymium	150-1	131423	133115	131416	131985	0.74	cps
Neodymium	150-2	74971	74442	74529	74648	0.38	cps
Nickel	60-2	348476	345252	344885	346205	0.57	cps
Phosphorus	31-2	74212	73261	74484	73986	0.87	cps
Potassium	39-2	9075666	8908195	9005630	8996497	0.93	cps
Rhodium	103-1	13820336	13435451	13750999	13668929	1.50	cps
Rhodium	103-2	8374439	8198726	8290486	8287884	1.06	cps
Scandium	45-1	11367709	11523502	11061572	11317594	2.08	cps
Scandium	45-2	1022380	1010038	1010843	1014420	0.68	cps
Selenium	82-1	782	814	794	797	1.99	cps
Selenium	77-2	393	363	383	380	4.02	cps
Selenium	78-2	770	687	770	742	6.48	cps
Silicon	28-1	28902645	28664146	29226503	28931098	0.98	cps
Silver	107-1	2357	2414	2530	2434	3.63	cps
Silver	109-1	2274	2174	2484	2310	6.85	cps
Sodium	23-2	420634	419691	418036	419453	0.31	cps
Strontium	86-1	522863	534970	539089	532308	1.58	cps
Strontium	88-1	4728034	4833616	4785270	4782306	1.11	cps
Sulfur	34-1	273772	274328	271865	273322	0.47	cps
Terbium	159-1	17378226	17356482	17120643	17285117	0.83	cps
Terbium	159-2	11155904	11110539	11269692	11178711	0.73	cps
Thallium	203-1	3824	3540	3621	3662	3.99	cps
Thallium	205-1	8286	8423	8269	8326	1.01	cps
Tin	118-1	31474	31912	32884	32090	2.25	cps
Titanium	47-1	4221936	4121032	4219712	4187560	1.38	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19771	19615	18897	19428	2.40	cps
Vanadium	51-2	2853287	2864070	2807572	2841643	1.06	cps
Yttrium	89-1	25728566	25139085	25465386	25444346	1.16	cps
Yttrium	89-2	6041978	6034658	6062323	6046319	0.24	cps
Zinc	66-2	364034	364404	361960	363466	0.36	cps
Zirconium	90-1	194717	197109	194767	195531	0.70	cps
Zirconium	91-1	42154	42989	44086	43076	2.25	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18921706	18885823	18570839	18792790	1.03	cps
Antimony	121-1	14037	14587	14367	14331	1.93	cps
Arsenic	75-2	119348	115657	115918	116974	1.76	cps
Barium	135-1	1686448	1719801	1689044	1698431	1.09	cps
Barium	137-1	2891269	2941625	2882997	2905297	1.09	cps
Beryllium	9-1	3323	3315	3270	3303	0.86	cps
Bismuth	209-1	9616018	9640972	9759933	9672307	0.80	cps
Bismuth	209-2	7624684	7643477	7600417	7622860	0.28	cps
Bromine	81-1	13460	13783	13690	13644	1.22	cps
Bromine	81-2	733	770	707	737	4.32	cps
Cadmium	108-1	553	567	513	544	5.10	cps
Cadmium	106-1	5898	5641	5711	5750	2.31	cps
Cadmium	111-1	8165	8056	7706	7976	3.01	cps
Calcium	43-1	546321	552738	543275	547445	0.88	cps
Calcium	44-1	8246364	8394749	8377229	8339447	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	799563	800746	792447	797585	0.56	cps
Cobalt	59-2	717088	711307	714215	714203	0.40	cps
Copper	63-2	2075654	2039268	2048440	2054454	0.92	cps
Dysprosium	156-1	65864	67869	66664	66799	1.51	cps
Dysprosium	156-2	54030	53053	54067	53717	1.07	cps
Erbium	164-1	62291	62439	62543	62424	0.20	cps
Erbium	164-2	42036	42204	41558	41933	0.80	cps
Gadolinium	160-1	64430	64980	65047	64819	0.52	cps
Gadolinium	160-2	47246	46845	45845	46645	1.55	cps
Holmium	165-1	16799764	16402339	16436252	16546118	1.33	cps
Holmium	165-2	11363130	11351883	11189371	11301461	0.86	cps
Indium	115-1	14111246	14426935	14120962	14219714	1.26	cps
Indium	115-2	4707975	4650950	4665469	4674798	0.63	cps
Iron	56-2	749618602	755077615	740257402	748317873	1.00	cps
Iron	57-2	18376265	18664974	18414278	18485173	0.85	cps
Iron	54-2	41681456	40894154	40540349	41038653	1.42	cps
Krypton	83-1	477	473	450	467	3.11	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	449157	448132	449391	448893	0.15	cps
Lead	207-1	383503	390653	383646	385934	1.06	cps
Lead	208-1	1747506	1767017	1769288	1761270	0.68	cps
Lithium	6-1	1882782	1908163	1907917	1899621	0.77	cps
Magnesium	24-2	20050300	20380623	20065694	20165539	0.92	cps
Manganese	55-2	12688494	12741378	12424719	12618197	1.34	cps
Molybdenum	94-1	123105	122232	120400	121912	1.13	cps
Molybdenum	95-1	7862	8069	7882	7938	1.44	cps
Molybdenum	96-1	33385	33966	34842	34064	2.15	cps
Molybdenum	97-1	4781	4938	5038	4919	2.63	cps
Molybdenum	98-1	11915	11875	12018	11936	0.62	cps
Neodymium	150-1	114618	116423	119273	116771	2.01	cps
Neodymium	150-2	66218	66359	65042	65873	1.10	cps
Nickel	60-2	309101	309560	311021	309894	0.32	cps
Phosphorus	31-2	51590	51904	51356	51617	0.53	cps
Potassium	39-2	7378324	7423498	7343205	7381676	0.55	cps
Rhodium	103-1	13772404	13602814	13778053	13717757	0.73	cps
Rhodium	103-2	8383720	8447865	8576575	8469387	1.16	cps
Scandium	45-1	10965619	11158563	11003667	11042616	0.93	cps
Scandium	45-2	984495	979460	978935	980963	0.31	cps
Selenium	82-1	867	755	845	822	7.22	cps
Selenium	77-2	317	277	307	300	6.94	cps
Selenium	78-2	583	623	803	670	17.49	cps
Silicon	28-1	35749623	35425327	36236134	35803695	1.14	cps
Silver	107-1	5758	5701	6005	5821	2.77	cps
Silver	109-1	5038	5434	5104	5192	4.09	cps
Sodium	23-2	224729	225719	225825	225424	0.27	cps
Strontium	86-1	273851	275476	275131	274819	0.31	cps
Strontium	88-1	2421572	2459869	2422830	2434757	0.89	cps
Sulfur	34-1	268006	264299	267398	266568	0.75	cps
Terbium	159-1	17430088	17394074	16822671	17215611	1.98	cps
Terbium	159-2	11353550	11366507	11316654	11345570	0.23	cps
Thallium	203-1	2994	2927	2880	2934	1.94	cps
Thallium	205-1	6642	7109	7105	6952	3.86	cps
Tin	118-1	24197	23853	24357	24136	1.07	cps
Titanium	47-1	2655749	2695802	2780470	2710674	2.35	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20666	21047	20957	20890	0.95	cps
Vanadium	51-2	2118401	2150342	2169917	2146220	1.21	cps
Yttrium	89-1	24870120	25078460	24674153	24874244	0.81	cps
Yttrium	89-2	5917887	5997066	6025920	5980291	0.94	cps
Zinc	66-2	279367	273974	275844	276395	0.99	cps
Zirconium	90-1	321006	327831	329519	326119	1.38	cps
Zirconium	91-1	71728	71968	72421	72039	0.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19009271	19105060	19145532	19086621	0.37	cps
Antimony	121-1	14261	14464	14391	14372	0.72	cps
Arsenic	75-2	118636	119281	118790	118903	0.28	cps
Barium	135-1	1702709	1721357	1692771	1705612	0.85	cps
Barium	137-1	2919073	2949714	2961874	2943553	0.75	cps
Beryllium	9-1	3055	3524	3432	3337	7.46	cps
Bismuth	209-1	9748840	9760765	9591106	9700237	0.98	cps
Bismuth	209-2	7717443	7717381	7781877	7738900	0.48	cps
Bromine	81-1	13913	13626	13937	13825	1.25	cps
Bromine	81-2	673	747	757	726	6.27	cps
Cadmium	108-1	563	567	520	550	4.73	cps
Cadmium	106-1	5581	5788	5684	5684	1.82	cps
Cadmium	111-1	7846	7916	7842	7868	0.52	cps
Calcium	43-1	545755	553990	556100	551948	0.99	cps
Calcium	44-1	8457845	8331897	8381471	8390404	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	817103	798472	797221	804265	1.38	cps
Cobalt	59-2	726126	725512	721814	724484	0.32	cps
Copper	63-2	2112771	2092685	2079534	2094997	0.80	cps
Dysprosium	156-1	65612	67980	66761	66784	1.77	cps
Dysprosium	156-2	53803	53348	54174	53775	0.77	cps
Erbium	164-1	62707	63339	62643	62896	0.61	cps
Erbium	164-2	42451	43106	42250	42603	1.05	cps
Gadolinium	160-1	64839	65452	65117	65136	0.47	cps
Gadolinium	160-2	47875	47463	47012	47450	0.91	cps
Holmium	165-1	16657593	16872699	16225224	16585172	1.99	cps
Holmium	165-2	11504539	11360385	11396872	11420598	0.66	cps
Indium	115-1	14470342	14368656	14436716	14425238	0.36	cps
Indium	115-2	4718786	4781583	4779233	4759868	0.75	cps
Iron	56-2	762721322	759381455	760004709	760702495	0.23	cps
Iron	57-2	18697543	18569381	18808393	18691773	0.64	cps
Iron	54-2	41240584	41719252	41679607	41546481	0.64	cps
Krypton	83-1	547	510	477	511	6.85	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	441803	451676	441499	444992	1.30	cps
Lead	207-1	381527	388763	388770	386354	1.08	cps
Lead	208-1	1752068	1761784	1757496	1757116	0.28	cps
Lithium	6-1	1994304	1907285	1914142	1938577	2.50	cps
Magnesium	24-2	20449538	20090966	20631136	20390547	1.35	cps
Manganese	55-2	12517952	12534621	12814523	12622365	1.32	cps
Molybdenum	94-1	120709	124209	123392	122770	1.49	cps
Molybdenum	95-1	7782	7689	7919	7797	1.48	cps
Molybdenum	96-1	33752	35045	33655	34151	2.27	cps
Molybdenum	97-1	4901	4778	4721	4800	1.92	cps
Molybdenum	98-1	12062	11935	12052	12016	0.59	cps
Neodymium	150-1	117928	117613	117593	117711	0.16	cps
Neodymium	150-2	67163	66449	66379	66663	0.65	cps
Nickel	60-2	311995	312297	314014	312768	0.35	cps
Phosphorus	31-2	52727	52634	51469	52277	1.34	cps
Potassium	39-2	7500647	7386638	7454204	7447163	0.77	cps
Rhodium	103-1	14084669	14004173	13836531	13975124	0.91	cps
Rhodium	103-2	8480604	8639509	8526466	8548860	0.96	cps
Scandium	45-1	11188708	10988868	11098457	11092011	0.90	cps
Scandium	45-2	994835	995870	985419	992041	0.58	cps
Selenium	82-1	759	824	862	815	6.41	cps
Selenium	77-2	270	303	303	292	6.59	cps
Selenium	78-2	757	583	647	662	13.24	cps
Silicon	28-1	36721250	36064424	35381929	36055868	1.86	cps
Silver	107-1	5761	5494	5748	5668	2.65	cps
Silver	109-1	5458	5314	5261	5344	1.90	cps
Sodium	23-2	225243	228525	225724	226497	0.78	cps
Strontium	86-1	272541	277087	276616	275415	0.91	cps
Strontium	88-1	2492278	2480536	2484646	2485820	0.24	cps
Sulfur	34-1	268982	271624	271251	270619	0.53	cps
Terbium	159-1	17407274	17244833	17659318	17437142	1.20	cps
Terbium	159-2	11447398	11443680	11471170	11454083	0.13	cps
Thallium	203-1	2780	2824	3014	2873	4.32	cps
Thallium	205-1	7152	6752	7025	6976	2.93	cps
Tin	118-1	24481	24458	24781	24573	0.74	cps
Titanium	47-1	2751411	2669974	2729409	2716931	1.55	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21314	21427	20619	21120	2.07	cps
Vanadium	51-2	2202562	2195500	2184511	2194191	0.41	cps
Yttrium	89-1	25233980	25387446	25357940	25326455	0.32	cps
Yttrium	89-2	6016921	6054612	5938900	6003478	0.98	cps
Zinc	66-2	279528	279435	276863	278609	0.54	cps
Zirconium	90-1	326685	326437	333597	328906	1.24	cps
Zirconium	91-1	71537	72424	72478	72146	0.73	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3681844	3621339	3635625	3646269	0.87	cps
Antimony	121-1	2657	2940	2690	2763	5.61	cps
Arsenic	75-2	23382	23071	23449	23301	0.86	cps
Barium	135-1	308333	306273	306998	307201	0.34	cps
Barium	137-1	527690	529563	530046	529100	0.24	cps
Beryllium	9-1	662	673	662	665	0.96	cps
Bismuth	209-1	9849653	9779018	9670483	9766385	0.92	cps
Bismuth	209-2	7907353	7894970	7925376	7909233	0.19	cps
Bromine	81-1	12522	12972	12729	12741	1.77	cps
Bromine	81-2	290	317	273	293	7.45	cps
Cadmium	108-1	110	123	150	128	15.94	cps
Cadmium	106-1	4677	4841	4861	4793	2.10	cps
Cadmium	111-1	3977	4099	4131	4069	1.99	cps
Calcium	43-1	104990	105201	106102	105431	0.56	cps
Calcium	44-1	1650397	1677980	1645653	1658010	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157476	156318	156304	156699	0.43	cps
Cobalt	59-2	139976	140087	138300	139454	0.72	cps
Copper	63-2	400121	395808	393357	396429	0.86	cps
Dysprosium	156-1	12733	12546	13356	12878	3.30	cps
Dysprosium	156-2	10437	10230	10454	10374	1.20	cps
Erbium	164-1	12119	12122	11862	12034	1.24	cps
Erbium	164-2	8009	8443	8059	8170	2.90	cps
Gadolinium	160-1	12325	12552	12619	12499	1.23	cps
Gadolinium	160-2	9260	9320	9293	9291	0.32	cps
Holmium	165-1	16663254	16487779	16542394	16564476	0.54	cps
Holmium	165-2	11661561	11380973	11434292	11492275	1.30	cps
Indium	115-1	14648100	14463019	14438845	14516654	0.79	cps
Indium	115-2	4886453	4761111	4804178	4817247	1.32	cps
Iron	56-2	146796598	145603648	144536525	145645590	0.78	cps
Iron	57-2	3580673	3565922	3554942	3567179	0.36	cps
Iron	54-2	8091840	8073539	8088417	8084599	0.12	cps
Krypton	83-1	380	400	397	392	2.73	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	88187	87117	87103	87469	0.71	cps
Lead	207-1	75341	75401	74928	75223	0.34	cps
Lead	208-1	340127	343697	342251	342025	0.52	cps
Lithium	6-1	2040331	2029649	2024850	2031610	0.39	cps
Magnesium	24-2	3981444	3809816	3853735	3881665	2.30	cps
Manganese	55-2	2512567	2504163	2492447	2503059	0.40	cps
Molybdenum	94-1	23295	23799	23439	23511	1.10	cps
Molybdenum	95-1	1637	1583	1517	1579	3.81	cps
Molybdenum	96-1	6808	6508	6702	6673	2.28	cps
Molybdenum	97-1	1110	1090	940	1047	8.88	cps
Molybdenum	98-1	2457	2600	2494	2517	2.96	cps
Neodymium	150-1	22528	22471	23106	22702	1.55	cps
Neodymium	150-2	12896	13333	12946	13058	1.83	cps
Nickel	60-2	61345	61643	60913	61300	0.60	cps
Phosphorus	31-2	10387	10220	9987	10198	1.97	cps
Potassium	39-2	1522437	1480580	1476438	1493152	1.70	cps
Rhodium	103-1	14324527	13952626	14342827	14206660	1.55	cps
Rhodium	103-2	8920930	8792571	8755920	8823141	0.98	cps
Scandium	45-1	10655292	10409024	10473321	10512546	1.22	cps
Scandium	45-2	940340	930495	936141	935659	0.53	cps
Selenium	82-1	602	615	598	605	1.40	cps
Selenium	77-2	80	57	100	79	27.49	cps
Selenium	78-2	460	527	427	471	10.81	cps
Silicon	28-1	7487958	7510462	7500196	7499539	0.15	cps
Silver	107-1	1120	1187	1193	1167	3.48	cps
Silver	109-1	997	1033	1097	1042	4.85	cps
Sodium	23-2	103901	101062	102394	102452	1.39	cps
Strontium	86-1	52640	53199	54591	53477	1.88	cps
Strontium	88-1	461538	464696	471810	466015	1.13	cps
Sulfur	34-1	255607	251154	253442	253401	0.88	cps
Terbium	159-1	17183415	17182513	17254617	17206848	0.24	cps
Terbium	159-2	11758645	11379125	11658001	11598590	1.70	cps
Thallium	203-1	617	627	723	656	8.99	cps
Thallium	205-1	1377	1493	1483	1451	4.46	cps
Tin	118-1	5971	6525	6171	6223	4.50	cps
Titanium	47-1	532147	525891	537151	531730	1.06	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3914	4004	3841	3920	2.09	cps
Vanadium	51-2	422120	413926	412689	416245	1.23	cps
Yttrium	89-1	24029180	24447049	24603598	24359942	1.22	cps
Yttrium	89-2	5880702	5803349	5795133	5826394	0.81	cps
Zinc	66-2	56898	56861	57109	56956	0.23	cps
Zirconium	90-1	63219	63102	63714	63345	0.51	cps
Zirconium	91-1	13977	14290	14114	14127	1.11	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19063238	18858941	19089889	19004023	0.66	cps
Antimony	121-1	727410	731662	736198	731756	0.60	cps
Arsenic	75-2	135014	134933	134624	134857	0.15	cps
Barium	135-1	5396037	5474989	5359998	5410341	1.09	cps
Barium	137-1	9296997	9429196	9429638	9385277	0.81	cps
Beryllium	9-1	66788	67155	66881	66941	0.29	cps
Bismuth	209-1	9695457	9685572	9778726	9719918	0.53	cps
Bismuth	209-2	7529740	7616838	7499500	7548693	0.81	cps
Bromine	81-1	14280	14781	13583	14215	4.23	cps
Bromine	81-2	693	800	727	740	7.37	cps
Cadmium	108-1	6902	7199	6888	6996	2.51	cps
Cadmium	106-1	14961	14357	14367	14562	2.37	cps
Cadmium	111-1	103060	104306	104076	103814	0.64	cps
Calcium	43-1	538750	537035	540389	538725	0.31	cps
Calcium	44-1	8302517	8295709	8454049	8350758	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1618192	1589134	1556988	1588105	1.93	cps
Cobalt	59-2	3733883	3742588	3721409	3732627	0.29	cps
Copper	63-2	3106264	2991213	3051169	3049548	1.89	cps
Dysprosium	156-1	65512	66356	66935	66268	1.08	cps
Dysprosium	156-2	52297	52484	52424	52402	0.18	cps
Erbium	164-1	62167	61615	62670	62151	0.85	cps
Erbium	164-2	41842	41007	40906	41252	1.25	cps
Gadolinium	160-1	63225	63604	63881	63570	0.52	cps
Gadolinium	160-2	45357	46223	46527	46035	1.32	cps
Holmium	165-1	16543710	16527144	16525314	16532056	0.06	cps
Holmium	165-2	11245435	11331428	11004669	11193844	1.51	cps
Indium	115-1	14025259	14111740	14115139	14084046	0.36	cps
Indium	115-2	4608096	4570613	4588267	4588992	0.41	cps
Iron	56-2	751506575	729715029	747802496	743008033	1.57	cps
Iron	57-2	18150365	18067991	18246632	18154996	0.49	cps
Iron	54-2	41015680	40765954	41080119	40953917	0.41	cps
Krypton	83-1	477	497	547	507	7.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	527857	533076	536228	532387	0.79	cps
Lead	207-1	453339	457482	461549	457457	0.90	cps
Lead	208-1	2069705	2102867	2101354	2091309	0.90	cps
Lithium	6-1	2005296	1952466	1990897	1982886	1.38	cps
Magnesium	24-2	19852424	20270388	20107571	20076795	1.05	cps
Manganese	55-2	13960254	13618909	13776959	13785374	1.24	cps
Molybdenum	94-1	119184	123031	120394	120869	1.63	cps
Molybdenum	95-1	7785	7942	7922	7883	1.08	cps
Molybdenum	96-1	33515	33923	33699	33712	0.61	cps
Molybdenum	97-1	4851	4561	4851	4754	3.52	cps
Molybdenum	98-1	11755	12272	12038	12022	2.15	cps
Neodymium	150-1	113970	115795	116228	115331	1.04	cps
Neodymium	150-2	65023	64731	65002	64919	0.25	cps
Nickel	60-2	1070666	1062072	1074113	1068950	0.58	cps
Phosphorus	31-2	50490	51352	50162	50668	1.21	cps
Potassium	39-2	7100718	7117751	7110112	7109527	0.12	cps
Rhodium	103-1	14029192	14074406	13872129	13991909	0.76	cps
Rhodium	103-2	8297837	8379281	8309996	8329038	0.53	cps
Scandium	45-1	11150183	11077226	11145320	11124243	0.37	cps
Scandium	45-2	974009	972504	972361	972958	0.09	cps
Selenium	82-1	18212	18224	18156	18197	0.20	cps
Selenium	77-2	1847	1933	1730	1837	5.56	cps
Selenium	78-2	6028	5935	5761	5908	2.29	cps
Silicon	28-1	35780724	36265224	35940754	35995567	0.69	cps
Silver	107-1	420367	424937	427088	424131	0.81	cps
Silver	109-1	395812	402892	403648	400784	1.08	cps
Sodium	23-2	225585	227229	231193	228002	1.26	cps
Strontium	86-1	269986	274068	271603	271886	0.76	cps
Strontium	88-1	2371582	2411356	2423065	2402001	1.12	cps
Sulfur	34-1	271073	272719	269884	271225	0.52	cps
Terbium	159-1	17288321	17068011	17105378	17153903	0.69	cps
Terbium	159-2	11123269	11214056	11295023	11210783	0.77	cps
Thallium	203-1	287376	290181	293060	290206	0.98	cps
Thallium	205-1	684389	692672	698765	691942	1.04	cps
Tin	118-1	25917	25733	26104	25918	0.72	cps
Titanium	47-1	2722268	2720894	2713710	2718957	0.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20529	20609	20720	20619	0.46	cps
Vanadium	51-2	3840216	3918751	3792304	3850423	1.66	cps
Yttrium	89-1	25050515	24974338	24590197	24871684	0.99	cps
Yttrium	89-2	5957761	5911822	5920756	5930113	0.41	cps
Zinc	66-2	596199	588341	589880	591474	0.70	cps
Zirconium	90-1	319888	318856	318177	318974	0.27	cps
Zirconium	91-1	72320	71708	71463	71830	0.61	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19752418	19708024	19646879	19702441	0.27	cps
Antimony	121-1	3639976	3677847	3649539	3655787	0.54	cps
Arsenic	75-2	198921	199361	198837	199040	0.14	cps
Barium	135-1	19350893	19755856	19657743	19588164	1.08	cps
Barium	137-1	33385140	34008574	33777225	33723646	0.93	cps
Beryllium	9-1	306124	311384	311098	309536	0.96	cps
Bismuth	209-1	9538951	9709755	9655040	9634582	0.91	cps
Bismuth	209-2	7512944	7575984	6258148	7115692	10.45	cps
Bromine	81-1	13199	13930	14017	13715	3.27	cps
Bromine	81-2	640	697	797	711	11.16	cps
Cadmium	108-1	30482	31304	31528	31105	1.77	cps
Cadmium	106-1	48588	48404	48578	48523	0.21	cps
Cadmium	111-1	470133	473493	472563	472063	0.37	cps
Calcium	43-1	508199	511091	516210	511834	0.79	cps
Calcium	44-1	7860089	7884403	7948431	7897641	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4546310	4467466	4568196	4527324	1.17	cps
Cobalt	59-2	14999051	15172399	15259254	15143568	0.87	cps
Copper	63-2	6882166	6824353	6980089	6895536	1.14	cps
Dysprosium	156-1	63014	64223	64139	63792	1.06	cps
Dysprosium	156-2	50932	51541	52059	51511	1.10	cps
Erbium	164-1	59128	59764	59275	59389	0.56	cps
Erbium	164-2	39833	40442	40418	40231	0.86	cps
Gadolinium	160-1	60463	61631	61738	61278	1.15	cps
Gadolinium	160-2	44099	44748	44527	44458	0.74	cps
Holmium	165-1	16557225	16259042	16512656	16442975	0.98	cps
Holmium	165-2	11043310	11168516	9213434	10475087	10.45	cps
Indium	115-1	14028696	13887443	13999045	13971728	0.53	cps
Indium	115-2	4615620	4612544	3715877	4314680	12.02	cps
Iron	56-2	714269349	716800469	725930576	719000132	0.85	cps
Iron	57-2	17930246	17634283	17756772	17773767	0.84	cps
Iron	54-2	39533490	39725145	40354838	39871158	1.08	cps
Krypton	83-1	523	470	480	491	5.77	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	872785	872262	879357	874801	0.45	cps
Lead	207-1	746564	765986	761541	758030	1.34	cps
Lead	208-1	3643470	3718007	3700652	3687376	1.06	cps
Lithium	6-1	1974944	1980686	1919885	1958505	1.71	cps
Magnesium	24-2	19204858	18999240	19328703	19177601	0.87	cps
Manganese	55-2	18126136	17910943	18373335	18136805	1.28	cps
Molybdenum	94-1	113315	114927	117783	115341	1.96	cps
Molybdenum	95-1	7659	7625	7695	7660	0.46	cps
Molybdenum	96-1	33091	33051	32713	32952	0.63	cps
Molybdenum	97-1	4844	4751	4617	4737	2.41	cps
Molybdenum	98-1	11621	11802	12065	11829	1.89	cps
Neodymium	150-1	109921	111880	112827	111542	1.33	cps
Neodymium	150-2	62297	61838	62635	62257	0.64	cps
Nickel	60-2	4044643	4059203	4067674	4057173	0.29	cps
Phosphorus	31-2	48433	48306	49252	48664	1.06	cps
Potassium	39-2	6898384	6942047	6930332	6923588	0.33	cps
Rhodium	103-1	13968838	13555109	13757052	13760333	1.50	cps
Rhodium	103-2	8343840	8351420	6845357	7846872	11.05	cps
Scandium	45-1	11007394	10936974	10944079	10962816	0.35	cps
Scandium	45-2	964038	958014	797838	906630	10.40	cps
Selenium	82-1	75838	76385	76389	76204	0.42	cps
Selenium	77-2	6938	6882	7162	6994	2.12	cps
Selenium	78-2	23425	23055	23879	23453	1.76	cps
Silicon	28-1	34187165	34192724	33782450	34054113	0.69	cps
Silver	107-1	2077663	2138221	1939709	2051864	4.96	cps
Silver	109-1	1836783	2062083	1976928	1958598	5.81	cps
Sodium	23-2	207438	208472	208390	208100	0.28	cps
Strontium	86-1	256425	260745	259176	258782	0.85	cps
Strontium	88-1	2285627	2359102	2326290	2323673	1.58	cps
Sulfur	34-1	262424	265560	259820	262601	1.09	cps
Terbium	159-1	17209533	17151418	17364200	17241717	0.64	cps
Terbium	159-2	11147116	11056048	9140456	10447873	10.85	cps
Thallium	203-1	1375433	1399250	1408236	1394306	1.22	cps
Thallium	205-1	3642859	3753543	3765173	3720525	1.81	cps
Tin	118-1	21923	22034	22261	22073	0.78	cps
Titanium	47-1	2533961	2589344	2573178	2565494	1.11	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19992	20022	20115	20043	0.32	cps
Vanadium	51-2	10250524	10181118	10395872	10275838	1.07	cps
Yttrium	89-1	24413712	24651184	24775111	24613336	0.75	cps
Yttrium	89-2	5840077	5975498	4859854	5558477	10.95	cps
Zinc	66-2	1801004	1839403	1858819	1833075	1.61	cps
Zirconium	90-1	300776	307967	307795	305513	1.34	cps
Zirconium	91-1	66828	68409	67682	67639	1.17	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17502793	17235581	17462143	17400172	0.83	cps
Antimony	121-1	6024541	6113544	6097387	6078491	0.78	cps
Arsenic	75-2	366990	367802	366907	367233	0.13	cps
Barium	135-1	7745114	7846434	7785189	7792246	0.65	cps
Barium	137-1	13466372	13775967	13311712	13518017	1.75	cps
Beryllium	9-1	1238528	1241531	1268622	1249560	1.33	cps
Bismuth	209-1	8537832	8572900	8578248	8562993	0.26	cps
Bismuth	209-2	7015871	6947649	7033249	6998923	0.65	cps
Bromine	81-1	11481	10914	11131	11175	2.56	cps
Bromine	81-2	137	127	137	133	4.33	cps
Cadmium	108-1	115989	118792	118432	117738	1.30	cps
Cadmium	106-1	172046	173655	172994	172898	0.47	cps
Cadmium	111-1	1580700	1563701	1613999	1586133	1.61	cps
Calcium	43-1	10995107	10912370	10705968	10871148	1.37	cps
Calcium	44-1	172582054	173412754	173268424	173087744	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3238741	3243448	3178212	3220133	1.13	cps
Cobalt	59-2	5190765	5177798	5242750	5203771	0.66	cps
Copper	63-2	36270912	35655843	35752129	35892961	0.92	cps
Dysprosium	156-1	263	277	290	277	4.82	cps
Dysprosium	156-2	390	400	403	398	1.74	cps
Erbium	164-1	343	390	383	372	6.78	cps
Erbium	164-2	233	210	260	234	10.67	cps
Gadolinium	160-1	257	303	287	282	8.38	cps
Gadolinium	160-2	460	527	420	469	11.49	cps
Holmium	165-1	15414647	15476258	15078947	15323284	1.40	cps
Holmium	165-2	10946070	11177056	10947938	11023688	1.20	cps
Indium	115-1	13017017	12838009	12657785	12837604	1.40	cps
Indium	115-2	4381087	4377149	4383150	4380462	0.07	cps
Iron	56-2	665815243	669702550	662431790	665983195	0.55	cps
Iron	57-2	16521863	16315866	16601416	16479715	0.89	cps
Iron	54-2	36983579	36684308	36446424	36704770	0.73	cps
Krypton	83-1	433	380	443	419	8.13	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20567977	21066264	21036643	20890295	1.34	cps
Lead	207-1	17986905	18308840	18267955	18187900	0.96	cps
Lead	208-1	82695653	83781715	83725809	83401059	0.73	cps
Lithium	6-1	2013021	2092723	2116851	2074198	2.62	cps
Magnesium	24-2	150646744	149843991	151477954	150656230	0.54	cps
Manganese	55-2	22532020	22223331	22164689	22306680	0.88	cps
Molybdenum	94-1	25878681	26641388	26301099	26273723	1.45	cps
Molybdenum	95-1	37769229	38566371	38559754	38298451	1.20	cps
Molybdenum	96-1	41557973	42512528	41797886	41956129	1.18	cps
Molybdenum	97-1	23553451	24016352	23526256	23698687	1.16	cps
Molybdenum	98-1	59420296	61732946	60456331	60536524	1.91	cps
Neodymium	150-1	400	383	373	386	3.49	cps
Neodymium	150-2	120	123	113	119	4.28	cps
Nickel	60-2	1263833	1259891	1260926	1261550	0.16	cps
Phosphorus	31-2	192723	193517	193942	193394	0.32	cps
Potassium	39-2	92012089	91193279	91787165	91664178	0.46	cps
Rhodium	103-1	12577677	12594660	12303115	12491817	1.31	cps
Rhodium	103-2	7653936	7573545	7616302	7614594	0.53	cps
Scandium	45-1	9852683	10019968	9910659	9927770	0.86	cps
Scandium	45-2	861515	849640	856566	855907	0.70	cps
Selenium	82-1	113470	114493	114242	114069	0.47	cps
Selenium	77-2	10404	10327	10584	10438	1.26	cps
Selenium	78-2	34313	33708	34079	34033	0.90	cps
Silicon	28-1	16695597	16618778	16918654	16744343	0.93	cps
Silver	107-1	8339616	8281651	8243216	8288161	0.59	cps
Silver	109-1	7822251	7798024	7767569	7795948	0.35	cps
Sodium	23-2	260016363	260151909	258097463	259421912	0.44	cps
Strontium	86-1	56654962	57241244	56815914	56904040	0.53	cps
Strontium	88-1	492604446	499376646	500063273	497348121	0.83	cps
Sulfur	34-1	1002255	1007741	1018265	1009420	0.81	cps
Terbium	159-1	16035971	15967679	15916399	15973349	0.38	cps
Terbium	159-2	11029159	10952192	10936626	10972659	0.45	cps
Thallium	203-1	5283170	5282504	5207541	5257738	0.83	cps
Thallium	205-1	12411436	12455526	12493140	12453368	0.33	cps
Tin	118-1	5146910	5209195	5124851	5160319	0.85	cps
Titanium	47-1	11396640	11422355	11682168	11500387	1.37	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16235606	16564674	16515312	16438531	1.08	cps
Vanadium	51-2	2922136	2928319	2834898	2895118	1.80	cps
Yttrium	89-1	22568277	22683451	22504748	22585492	0.40	cps
Yttrium	89-2	5367450	5330672	5505006	5401043	1.70	cps
Zinc	66-2	5502441	5486338	5469805	5486195	0.30	cps
Zirconium	90-1	12058634	12314677	12338478	12237263	1.27	cps
Zirconium	91-1	2720274	2723070	2768198	2737181	0.98	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270	1170	1160	1200	5.07	cps
Antimony	121-1	4481	4424	5281	4729	10.14	cps
Arsenic	75-2	30	40	27	32	21.53	cps
Barium	135-1	517	323	340	393	27.24	cps
Barium	137-1	677	677	477	610	18.93	cps
Beryllium	9-1	100	92	88	93	6.71	cps
Bismuth	209-1	9697497	9577890	9607194	9627527	0.65	cps
Bismuth	209-2	7869662	7847206	7773906	7830258	0.64	cps
Bromine	81-1	11258	11681	11978	11639	3.11	cps
Bromine	81-2	127	193	150	157	21.59	cps
Cadmium	108-1	13	20	17	17	20.01	cps
Cadmium	106-1	4497	4437	4641	4525	2.31	cps
Cadmium	111-1	3282	3192	3344	3273	2.33	cps
Calcium	43-1	1007	873	777	886	13.04	cps
Calcium	44-1	47783	45908	46192	46628	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1500	1597	1697	1598	6.16	cps
Cobalt	59-2	260	283	263	269	4.69	cps
Copper	63-2	4321	4314	4221	4285	1.31	cps
Dysprosium	156-1	3	7	20	10	88.20	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	130	120	123	124	4.09	cps
Erbium	164-2	70	47	67	61	20.65	cps
Gadolinium	160-1	83	80	67	77	11.50	cps
Gadolinium	160-2	310	393	333	346	12.44	cps
Holmium	165-1	15726765	15957866	15734714	15806448	0.83	cps
Holmium	165-2	11358936	11195642	11103206	11219261	1.15	cps
Indium	115-1	14243847	14097285	13991793	14110975	0.90	cps
Indium	115-2	4810393	4734991	4708227	4751204	1.12	cps
Iron	56-2	44686	43867	43763	44106	1.15	cps
Iron	57-2	2597	2624	2640	2620	0.83	cps
Iron	54-2	4064	3917	3660	3881	5.26	cps
Krypton	83-1	320	370	333	341	7.59	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2014	1647	1630	1763	12.29	cps
Lead	207-1	1677	1460	1420	1519	9.09	cps
Lead	208-1	7858	6691	6291	6946	11.72	cps
Lithium	6-1	2236280	2209398	2194484	2213387	0.96	cps
Magnesium	24-2	5384	5171	5404	5320	2.43	cps
Manganese	55-2	1180	1187	1120	1162	3.16	cps
Molybdenum	94-1	2697	2494	2500	2564	4.51	cps
Molybdenum	95-1	2830	2660	2354	2615	9.24	cps
Molybdenum	96-1	3360	2614	2767	2914	13.54	cps
Molybdenum	97-1	1873	1627	1507	1669	11.20	cps
Molybdenum	98-1	4574	3941	3684	4066	11.27	cps
Neodymium	150-1	17	27	13	19	36.75	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	330	320	280	310	8.53	cps
Phosphorus	31-2	213	237	257	236	9.21	cps
Potassium	39-2	93776	92932	94393	93700	0.78	cps
Rhodium	103-1	13979593	13926133	13945397	13950374	0.19	cps
Rhodium	103-2	8618420	8618560	8540871	8592617	0.52	cps
Scandium	45-1	10158244	10155876	10292092	10202070	0.76	cps
Scandium	45-2	874980	874572	871865	873805	0.19	cps
Selenium	82-1	543	501	615	553	10.46	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	423	450	423	432	3.56	cps
Silicon	28-1	393702	392259	391342	392434	0.30	cps
Silver	107-1	1293	917	707	972	30.58	cps
Silver	109-1	1083	840	683	869	23.20	cps
Sodium	23-2	73484	72389	71260	72378	1.54	cps
Strontium	86-1	3090	2810	2447	2783	11.59	cps
Strontium	88-1	23092	18495	15235	18941	20.84	cps
Sulfur	34-1	320928	324383	323991	323100	0.59	cps
Terbium	159-1	16581987	16654974	16691401	16642787	0.33	cps
Terbium	159-2	11378730	11197401	11283437	11286523	0.80	cps
Thallium	203-1	843	817	587	749	18.84	cps
Thallium	205-1	2074	1737	1667	1826	11.91	cps
Tin	118-1	2820	2937	3257	3005	7.53	cps
Titanium	47-1	953	863	787	868	9.61	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	667	630	537	611	10.97	cps
Vanadium	51-2	83	140	110	111	25.52	cps
Yttrium	89-1	23253987	23271968	23502985	23342980	0.59	cps
Yttrium	89-2	5669966	5681866	5594863	5648898	0.84	cps
Zinc	66-2	2627	2610	2610	2616	0.37	cps
Zirconium	90-1	2884	2727	2850	2820	2.93	cps
Zirconium	91-1	597	557	653	602	8.07	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17886153	17886576	17796220	17856316	0.29	cps
Antimony	121-1	131771	131417	131798	131662	0.16	cps
Arsenic	75-2	206114	204454	202385	204318	0.91	cps
Barium	135-1	1351671	1358748	1354584	1355001	0.26	cps
Barium	137-1	2453031	2507961	2525699	2495563	1.52	cps
Beryllium	9-1	3884	3905	3926	3905	0.54	cps
Bismuth	209-1	9612979	9503862	9415453	9510765	1.04	cps
Bismuth	209-2	7688806	7783854	7596734	7689798	1.22	cps
Bromine	81-1	15769	15989	15418	15725	1.83	cps
Bromine	81-2	957	900	830	896	7.09	cps
Cadmium	108-1	400	443	437	427	5.47	cps
Cadmium	106-1	5371	5468	5558	5466	1.71	cps
Cadmium	111-1	6870	7098	7165	7044	2.19	cps
Calcium	43-1	427820	430819	430881	429840	0.41	cps
Calcium	44-1	6548422	6521649	6590161	6553411	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1288837	1298113	1283518	1290156	0.57	cps
Cobalt	59-2	827246	831448	823768	827487	0.46	cps
Copper	63-2	1756613	1710093	1723319	1730008	1.39	cps
Dysprosium	156-1	65880	65887	65284	65684	0.53	cps
Dysprosium	156-2	52039	52454	51384	51959	1.04	cps
Erbium	164-1	56199	56353	55995	56182	0.32	cps
Erbium	164-2	37504	38272	38363	38046	1.24	cps
Gadolinium	160-1	60516	61066	61782	61121	1.04	cps
Gadolinium	160-2	45039	45236	45093	45123	0.23	cps
Holmium	165-1	16333254	16263979	16367644	16321626	0.32	cps
Holmium	165-2	11269435	11236171	11239583	11248396	0.16	cps
Indium	115-1	14184526	14091849	14267506	14181294	0.62	cps
Indium	115-2	4673444	4672565	4677515	4674508	0.06	cps
Iron	56-2	881401427	883518547	883261934	882727302	0.13	cps
Iron	57-2	21754300	21628530	21571487	21651439	0.43	cps
Iron	54-2	48176209	49143223	48529228	48616220	1.01	cps
Krypton	83-1	500	483	470	484	3.10	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	373886	374712	379594	376064	0.82	cps
Lead	207-1	327515	327504	329193	328070	0.30	cps
Lead	208-1	1488026	1488868	1493399	1490098	0.19	cps
Lithium	6-1	2061513	2046556	2055781	2054617	0.37	cps
Magnesium	24-2	19572957	19542976	19144504	19420146	1.23	cps
Manganese	55-2	24953010	25396950	24986486	25112149	0.98	cps
Molybdenum	94-1	69789	69976	69691	69819	0.21	cps
Molybdenum	95-1	15769	15872	15935	15859	0.53	cps
Molybdenum	96-1	34237	34467	34688	34464	0.65	cps
Molybdenum	97-1	9410	9827	9687	9641	2.20	cps
Molybdenum	98-1	24023	24668	23766	24152	1.92	cps
Neodymium	150-1	107506	108014	108228	107916	0.34	cps
Neodymium	150-2	62213	61821	60603	61546	1.36	cps
Nickel	60-2	339016	334629	340760	338135	0.93	cps
Phosphorus	31-2	52443	52389	51640	52157	0.86	cps
Potassium	39-2	9833415	9858384	9842134	9844644	0.13	cps
Rhodium	103-1	13986189	14204747	13726137	13972358	1.71	cps
Rhodium	103-2	8323401	8360210	8366754	8350122	0.28	cps
Scandium	45-1	11143386	11167714	11104413	11138504	0.29	cps
Scandium	45-2	981220	985929	982420	983189	0.25	cps
Selenium	82-1	757	793	863	804	6.71	cps
Selenium	77-2	317	220	280	272	17.93	cps
Selenium	78-2	670	660	630	653	3.19	cps
Silicon	28-1	27264273	26997979	27043295	27101849	0.53	cps
Silver	107-1	5591	5138	4964	5231	6.19	cps
Silver	109-1	5138	4801	4454	4798	7.12	cps
Sodium	23-2	234302	234976	234580	234619	0.14	cps
Strontium	86-1	395495	402879	397102	398492	0.97	cps
Strontium	88-1	3580154	3560141	3542343	3560880	0.53	cps
Sulfur	34-1	332929	319143	310935	321002	3.46	cps
Terbium	159-1	17176504	17023866	16964813	17055061	0.64	cps
Terbium	159-2	11332126	11461424	11494904	11429485	0.75	cps
Thallium	203-1	3494	3410	3527	3477	1.73	cps
Thallium	205-1	7932	8106	8213	8084	1.75	cps
Tin	118-1	31925	31925	32794	32215	1.56	cps
Titanium	47-1	1859366	1870147	1905837	1878450	1.29	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-10	Instrumnet Name :	P7
Client Sample ID :	MYDA06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:36:00	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28768	29172	28681	28874	0.91	cps
Vanadium	51-2	1982518	1977683	1939104	1966435	1.21	cps
Yttrium	89-1	24852708	24718495	25082257	24884487	0.74	cps
Yttrium	89-2	5906459	5921620	5907714	5911931	0.14	cps
Zinc	66-2	316491	314905	313667	315021	0.45	cps
Zirconium	90-1	167764	168802	167308	167958	0.46	cps
Zirconium	91-1	37471	37107	37030	37203	0.63	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21112735	21015936	20910043	21012905	0.48	cps
Antimony	121-1	25239	25242	26120	25534	1.99	cps
Arsenic	75-2	124019	123488	123905	123804	0.23	cps
Barium	135-1	1983926	2014233	1977298	1991819	0.99	cps
Barium	137-1	3437552	3483799	3455351	3458901	0.67	cps
Beryllium	9-1	5202	5240	5198	5213	0.45	cps
Bismuth	209-1	9290664	9631377	9284337	9402126	2.11	cps
Bismuth	209-2	7621229	7534256	7495546	7550344	0.85	cps
Bromine	81-1	14224	14661	14184	14356	1.84	cps
Bromine	81-2	863	910	840	871	4.09	cps
Cadmium	108-1	710	657	697	688	4.04	cps
Cadmium	106-1	6205	6211	5951	6122	2.42	cps
Cadmium	111-1	6260	6289	6062	6203	1.99	cps
Calcium	43-1	585685	595028	595479	592064	0.93	cps
Calcium	44-1	9094679	9175687	8900880	9057082	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1270428	1260587	1262686	1264567	0.41	cps
Cobalt	59-2	830246	834564	818370	827727	1.01	cps
Copper	63-2	1383266	1382711	1380641	1382206	0.10	cps
Dysprosium	156-1	94519	95177	95972	95222	0.76	cps
Dysprosium	156-2	77549	78038	79570	78386	1.35	cps
Erbium	164-1	74839	73804	74745	74463	0.77	cps
Erbium	164-2	50374	50936	51391	50900	1.00	cps
Gadolinium	160-1	84989	86931	86854	86258	1.27	cps
Gadolinium	160-2	64032	63788	63011	63610	0.84	cps
Holmium	165-1	16179359	15931845	16068774	16059993	0.77	cps
Holmium	165-2	11218709	11254299	11191353	11221454	0.28	cps
Indium	115-1	14062303	14099832	13884914	14015683	0.82	cps
Indium	115-2	4644981	4556196	4530296	4577158	1.31	cps
Iron	56-2	932652653	930267373	925943106	929621044	0.37	cps
Iron	57-2	22780128	22838720	22967220	22862023	0.42	cps
Iron	54-2	51095584	50885461	51454033	51145026	0.56	cps
Krypton	83-1	533	510	463	502	7.10	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	328239	331808	327621	329223	0.69	cps
Lead	207-1	283617	287460	288725	286600	0.93	cps
Lead	208-1	1285538	1312864	1304425	1300943	1.08	cps
Lithium	6-1	2120526	2216405	2057227	2131386	3.76	cps
Magnesium	24-2	20358577	20019172	20192975	20190241	0.84	cps
Manganese	55-2	31473005	31093183	31523987	31363391	0.75	cps
Molybdenum	94-1	234994	236753	237403	236384	0.53	cps
Molybdenum	95-1	19657	20007	20601	20088	2.38	cps
Molybdenum	96-1	65727	65844	65131	65567	0.58	cps
Molybdenum	97-1	11621	12305	12108	12012	2.93	cps
Molybdenum	98-1	30014	30772	30809	30532	1.47	cps
Neodymium	150-1	179342	181707	180325	180458	0.66	cps
Neodymium	150-2	103009	104027	103789	103608	0.51	cps
Nickel	60-2	390419	387002	390700	389374	0.53	cps
Phosphorus	31-2	56845	55761	56049	56218	1.00	cps
Potassium	39-2	12036962	12080247	12041767	12052992	0.20	cps
Rhodium	103-1	13637202	13576093	13379044	13530780	1.00	cps
Rhodium	103-2	8402564	8294750	8237254	8311523	1.01	cps
Scandium	45-1	11133198	11183368	10903733	11073433	1.35	cps
Scandium	45-2	971510	956447	959384	962447	0.83	cps
Selenium	82-1	819	751	920	830	10.24	cps
Selenium	77-2	407	477	390	424	10.83	cps
Selenium	78-2	673	763	820	752	9.83	cps
Silicon	28-1	27708321	27849667	27169216	27575735	1.30	cps
Silver	107-1	3207	3287	3334	3276	1.96	cps
Silver	109-1	2957	2894	2834	2895	2.13	cps
Sodium	23-2	295323	295507	297094	295975	0.33	cps
Strontium	86-1	426627	425442	427341	426470	0.22	cps
Strontium	88-1	3738913	3754513	3746545	3746657	0.21	cps
Sulfur	34-1	316842	314515	312273	314544	0.73	cps
Terbium	159-1	16852714	16885893	16877256	16871954	0.10	cps
Terbium	159-2	11221436	11136076	11188876	11182129	0.39	cps
Thallium	203-1	3520	3734	3651	3635	2.96	cps
Thallium	205-1	8339	8429	8249	8339	1.08	cps
Tin	118-1	47405	47656	48669	47910	1.40	cps
Titanium	47-1	3034630	3103840	2984347	3040939	1.97	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-11	Instrumnet Name :	P7
Client Sample ID :	MYDA07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:39:05	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35277	35765	36126	35722	1.19	cps
Vanadium	51-2	1886518	1883617	1864570	1878235	0.63	cps
Yttrium	89-1	24216718	24720842	24676533	24538031	1.14	cps
Yttrium	89-2	5990039	5874312	5963027	5942459	1.02	cps
Zinc	66-2	346078	347407	346646	346710	0.19	cps
Zirconium	90-1	614210	627895	621835	621313	1.10	cps
Zirconium	91-1	137404	140263	141107	139591	1.39	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20002513	20199457	20195071	20132347	0.56	cps
Antimony	121-1	21202	21293	21226	21240	0.22	cps
Arsenic	75-2	135586	133487	134647	134573	0.78	cps
Barium	135-1	1903592	1902272	1911143	1905669	0.25	cps
Barium	137-1	3314381	3383641	3276499	3324840	1.63	cps
Beryllium	9-1	5183	5216	5347	5249	1.66	cps
Bismuth	209-1	9587173	9577641	9325711	9496842	1.56	cps
Bismuth	209-2	7515421	7542082	7509011	7522171	0.23	cps
Bromine	81-1	14324	13833	14754	14304	3.22	cps
Bromine	81-2	890	793	847	843	5.74	cps
Cadmium	108-1	510	470	523	501	5.54	cps
Cadmium	106-1	5601	5651	5574	5609	0.69	cps
Cadmium	111-1	6411	6454	6213	6359	2.02	cps
Calcium	43-1	512745	523965	524879	520530	1.30	cps
Calcium	44-1	8055550	8049998	8089874	8065140	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1253154	1261482	1260977	1258538	0.37	cps
Cobalt	59-2	820470	821121	817304	819632	0.25	cps
Copper	63-2	1546830	1507373	1534448	1529550	1.32	cps
Dysprosium	156-1	89610	91301	91335	90749	1.09	cps
Dysprosium	156-2	73354	75126	74117	74199	1.20	cps
Erbium	164-1	71233	73297	72199	72243	1.43	cps
Erbium	164-2	48892	49213	48581	48895	0.65	cps
Gadolinium	160-1	82692	81864	82410	82322	0.51	cps
Gadolinium	160-2	59258	61370	59074	59901	2.13	cps
Holmium	165-1	15835710	15951441	15835024	15874059	0.42	cps
Holmium	165-2	11066872	11114930	11020778	11067527	0.43	cps
Indium	115-1	13950323	14282007	13628133	13953488	2.34	cps
Indium	115-2	4554161	4595235	4595792	4581729	0.52	cps
Iron	56-2	940499239	944719746	956116492	947111826	0.85	cps
Iron	57-2	23159615	23505932	23212900	23292816	0.80	cps
Iron	54-2	51830251	52690851	52058721	52193274	0.85	cps
Krypton	83-1	487	480	543	503	6.91	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	376221	386144	382952	381772	1.33	cps
Lead	207-1	329087	331248	329087	329807	0.38	cps
Lead	208-1	1505357	1522916	1514269	1514180	0.58	cps
Lithium	6-1	2150964	2138129	2109629	2132907	0.99	cps
Magnesium	24-2	20365475	20287449	20226509	20293144	0.34	cps
Manganese	55-2	30818622	31055916	31078324	30984287	0.46	cps
Molybdenum	94-1	131868	133536	134962	133455	1.16	cps
Molybdenum	95-1	19203	19667	19410	19426	1.20	cps
Molybdenum	96-1	47671	48861	49052	48528	1.54	cps
Molybdenum	97-1	11321	11521	11485	11442	0.93	cps
Molybdenum	98-1	29082	29864	29360	29435	1.35	cps
Neodymium	150-1	161982	164238	160702	162307	1.10	cps
Neodymium	150-2	91182	92105	91512	91600	0.51	cps
Nickel	60-2	383987	384331	381441	383253	0.41	cps
Phosphorus	31-2	49650	49771	49998	49806	0.35	cps
Potassium	39-2	11836140	11782341	11684731	11767737	0.65	cps
Rhodium	103-1	13481736	13692048	13365254	13513013	1.23	cps
Rhodium	103-2	8249939	8283117	8181233	8238097	0.63	cps
Scandium	45-1	11090806	11124131	11116087	11110341	0.16	cps
Scandium	45-2	962639	956622	961773	960344	0.34	cps
Selenium	82-1	750	723	711	728	2.75	cps
Selenium	77-2	373	373	327	358	7.53	cps
Selenium	78-2	737	747	763	749	1.80	cps
Silicon	28-1	30637470	31108939	31256500	31000970	1.04	cps
Silver	107-1	3927	4027	3924	3959	1.48	cps
Silver	109-1	3587	3544	3764	3632	3.21	cps
Sodium	23-2	256879	257666	258427	257657	0.30	cps
Strontium	86-1	398353	409012	407926	405097	1.45	cps
Strontium	88-1	3518355	3606826	3555277	3560153	1.25	cps
Sulfur	34-1	276000	278719	276667	277129	0.51	cps
Terbium	159-1	16663724	16602022	16583602	16616449	0.25	cps
Terbium	159-2	11105863	11041552	11025742	11057719	0.38	cps
Thallium	203-1	3300	3317	3464	3360	2.68	cps
Thallium	205-1	7632	8309	8046	7996	4.27	cps
Tin	118-1	31454	32250	32022	31909	1.28	cps
Titanium	47-1	2566377	2578689	2586241	2577102	0.39	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-12	Instrumnet Name :	P7
Client Sample ID :	MYDA08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:42:11	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34274	34789	33926	34330	1.26	cps
Vanadium	51-2	1955969	2006870	1973742	1978860	1.31	cps
Yttrium	89-1	24382885	24223484	24163655	24256675	0.47	cps
Yttrium	89-2	5796926	5865036	5833622	5831861	0.58	cps
Zinc	66-2	297361	299376	300631	299123	0.55	cps
Zirconium	90-1	344001	347082	344486	345190	0.48	cps
Zirconium	91-1	75144	77791	76223	76386	1.74	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14300003	14221863	14213093	14244986	0.34	cps
Antimony	121-1	21059	21877	21853	21596	2.16	cps
Arsenic	75-2	96183	94653	94364	95066	1.03	cps
Barium	135-1	1874527	1871385	1856496	1867469	0.52	cps
Barium	137-1	3250538	3168860	3211625	3210341	1.27	cps
Beryllium	9-1	3985	4080	3876	3980	2.57	cps
Bismuth	209-1	9714688	9497431	9502572	9571563	1.30	cps
Bismuth	209-2	7108234	7705726	7610116	7474692	4.29	cps
Bromine	81-1	14751	14971	14534	14752	1.48	cps
Bromine	81-2	1017	940	957	971	4.15	cps
Cadmium	108-1	483	517	407	469	12.03	cps
Cadmium	106-1	5468	5294	5538	5433	2.31	cps
Cadmium	111-1	7573	7365	7742	7560	2.50	cps
Calcium	43-1	431608	437397	434242	434416	0.67	cps
Calcium	44-1	6697442	6642924	6707938	6682768	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	885169	875171	876767	879036	0.61	cps
Cobalt	59-2	632984	632152	626067	630401	0.60	cps
Copper	63-2	1651381	1631406	1645760	1642849	0.63	cps
Dysprosium	156-1	74791	75133	75096	75007	0.25	cps
Dysprosium	156-2	60744	61065	60155	60655	0.76	cps
Erbium	164-1	61675	61632	61414	61574	0.23	cps
Erbium	164-2	41468	41441	41632	41514	0.25	cps
Gadolinium	160-1	69562	68470	69421	69151	0.86	cps
Gadolinium	160-2	51049	50571	50952	50857	0.50	cps
Holmium	165-1	16138316	16167616	16210108	16172013	0.22	cps
Holmium	165-2	10674365	11286936	11207042	11056114	3.01	cps
Indium	115-1	13811588	13705416	13642766	13719923	0.62	cps
Indium	115-2	4313096	4735994	4623623	4557571	4.81	cps
Iron	56-2	738520069	724774523	720556763	727950451	1.29	cps
Iron	57-2	18119253	17849143	17749304	17905900	1.07	cps
Iron	54-2	40429719	39591911	39665922	39895851	1.16	cps
Krypton	83-1	430	530	423	461	12.96	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	538894	547895	542358	543049	0.84	cps
Lead	207-1	471402	480791	482572	478255	1.25	cps
Lead	208-1	2156698	2154680	2157628	2156335	0.07	cps
Lithium	6-1	2175167	2041842	2047842	2088284	3.61	cps
Magnesium	24-2	13580653	13666617	13586418	13611229	0.35	cps
Manganese	55-2	25816362	25431776	25228346	25492162	1.17	cps
Molybdenum	94-1	85447	88714	88502	87554	2.09	cps
Molybdenum	95-1	12702	12609	12345	12552	1.47	cps
Molybdenum	96-1	32286	32680	32279	32415	0.71	cps
Molybdenum	97-1	7535	7886	7966	7795	2.94	cps
Molybdenum	98-1	19043	18689	18972	18901	0.99	cps
Neodymium	150-1	132675	134401	133741	133605	0.65	cps
Neodymium	150-2	78249	76077	77418	77248	1.42	cps
Nickel	60-2	275167	274725	276464	275452	0.33	cps
Phosphorus	31-2	40250	39173	38705	39376	2.01	cps
Potassium	39-2	7030385	6964331	6933530	6976082	0.71	cps
Rhodium	103-1	13664046	13688801	13665958	13672935	0.10	cps
Rhodium	103-2	7750504	8357157	8139669	8082443	3.80	cps
Scandium	45-1	10940379	10647809	10700305	10762831	1.45	cps
Scandium	45-2	893566	962543	947002	934371	3.87	cps
Selenium	82-1	765	741	854	787	7.58	cps
Selenium	77-2	363	387	363	371	3.63	cps
Selenium	78-2	707	737	680	708	4.01	cps
Silicon	28-1	28299155	27648449	27743450	27897018	1.26	cps
Silver	107-1	4584	4614	4694	4631	1.23	cps
Silver	109-1	4571	4271	4531	4457	3.66	cps
Sodium	23-2	223205	223113	224773	223697	0.42	cps
Strontium	86-1	342667	356555	351615	350279	2.01	cps
Strontium	88-1	3070110	3154237	3061890	3095412	1.65	cps
Sulfur	34-1	284232	285501	281230	283654	0.77	cps
Terbium	159-1	16703005	16837054	16776611	16772223	0.40	cps
Terbium	159-2	10772421	11376083	11171019	11106508	2.76	cps
Thallium	203-1	3174	3060	3507	3247	7.15	cps
Thallium	205-1	7949	7232	7686	7622	4.76	cps
Tin	118-1	26701	26635	27079	26805	0.89	cps
Titanium	47-1	1965102	1953385	1990420	1969635	0.96	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-13	Instrumnet Name :	P7
Client Sample ID :	MYDA09	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:45:15	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30057	29446	29820	29774	1.04	cps
Vanadium	51-2	1460568	1467757	1460210	1462845	0.29	cps
Yttrium	89-1	24436013	24333506	23949333	24239617	1.06	cps
Yttrium	89-2	5500164	5873464	5763344	5712324	3.36	cps
Zinc	66-2	288778	287052	287140	287657	0.34	cps
Zirconium	90-1	220672	224224	222098	222331	0.80	cps
Zirconium	91-1	48777	50640	49560	49659	1.88	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16354959	16086848	16024777	16155528	1.09	cps
Antimony	121-1	18449	18068	18182	18233	1.07	cps
Arsenic	75-2	95559	93703	95200	94820	1.04	cps
Barium	135-1	1601029	1658423	1622505	1627319	1.78	cps
Barium	137-1	2780148	2837653	2816759	2811520	1.04	cps
Beryllium	9-1	3667	3769	3796	3744	1.81	cps
Bismuth	209-1	9635935	9530564	9623427	9596642	0.60	cps
Bismuth	209-2	7410258	7453631	7548533	7470807	0.95	cps
Bromine	81-1	13183	13717	13737	13545	2.32	cps
Bromine	81-2	790	743	770	768	3.05	cps
Cadmium	108-1	533	457	447	479	9.90	cps
Cadmium	106-1	5534	5364	5208	5369	3.04	cps
Cadmium	111-1	6561	6456	6370	6462	1.48	cps
Calcium	43-1	507857	511438	517089	512128	0.91	cps
Calcium	44-1	7854672	7820227	8115390	7930096	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787913	792429	786967	789103	0.37	cps
Cobalt	59-2	647930	648818	646119	647622	0.21	cps
Copper	63-2	1572925	1574187	1574691	1573934	0.06	cps
Dysprosium	156-1	78112	79175	79637	78975	0.99	cps
Dysprosium	156-2	64966	64480	64775	64741	0.38	cps
Erbium	164-1	68855	67897	69280	68678	1.03	cps
Erbium	164-2	46808	46133	45681	46207	1.23	cps
Gadolinium	160-1	74972	75341	75683	75332	0.47	cps
Gadolinium	160-2	54977	55041	55305	55108	0.32	cps
Holmium	165-1	15874141	15997460	15909789	15927130	0.40	cps
Holmium	165-2	11133974	11035837	11010713	11060175	0.59	cps
Indium	115-1	14093880	13768321	14325822	14062674	1.99	cps
Indium	115-2	4641327	4515675	4570629	4575877	1.38	cps
Iron	56-2	708337189	705055189	709205296	707532558	0.31	cps
Iron	57-2	17445783	17398416	17601423	17481874	0.61	cps
Iron	54-2	39088254	38930097	39332633	39116995	0.52	cps
Krypton	83-1	573	510	440	508	13.13	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	365014	365293	364977	365095	0.05	cps
Lead	207-1	306560	312475	309986	309674	0.96	cps
Lead	208-1	1418058	1437465	1436228	1430584	0.76	cps
Lithium	6-1	2041649	2072473	2082544	2065556	1.03	cps
Magnesium	24-2	15933403	15980445	16008983	15974277	0.24	cps
Manganese	55-2	13248389	13078251	13280999	13202546	0.82	cps
Molybdenum	94-1	130364	133741	132886	132330	1.33	cps
Molybdenum	95-1	8843	8993	8986	8941	0.95	cps
Molybdenum	96-1	35760	35553	36826	36047	1.90	cps
Molybdenum	97-1	5434	5618	5374	5476	2.32	cps
Molybdenum	98-1	13183	13967	13630	13593	2.89	cps
Neodymium	150-1	145557	148174	147719	147150	0.95	cps
Neodymium	150-2	83324	82496	84206	83342	1.03	cps
Nickel	60-2	286604	284455	281822	284294	0.84	cps
Phosphorus	31-2	51379	51182	51078	51213	0.30	cps
Potassium	39-2	7392968	7323108	7473842	7396639	1.02	cps
Rhodium	103-1	13864550	13520931	13543266	13642916	1.41	cps
Rhodium	103-2	8215569	8166057	8323979	8235202	0.98	cps
Scandium	45-1	10819453	10795391	10948283	10854376	0.76	cps
Scandium	45-2	949098	938452	951282	946277	0.73	cps
Selenium	82-1	826	799	831	819	2.06	cps
Selenium	77-2	387	363	347	366	5.50	cps
Selenium	78-2	667	687	723	692	4.15	cps
Silicon	28-1	27129489	27769290	27881692	27593490	1.47	cps
Silver	107-1	3337	3497	3580	3472	3.56	cps
Silver	109-1	3097	3157	2987	3080	2.80	cps
Sodium	23-2	257160	258774	258730	258221	0.36	cps
Strontium	86-1	314750	315028	317477	315752	0.48	cps
Strontium	88-1	2756468	2796057	2763396	2771974	0.76	cps
Sulfur	34-1	271234	269731	268744	269903	0.46	cps
Terbium	159-1	16735809	16693616	16591169	16673531	0.45	cps
Terbium	159-2	11095254	11127982	11135155	11119464	0.19	cps
Thallium	203-1	2707	2917	2790	2805	3.77	cps
Thallium	205-1	6532	6545	6542	6539	0.11	cps
Tin	118-1	27991	28398	27867	28085	0.99	cps
Titanium	47-1	2702943	2744625	2809585	2752384	1.95	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-14	Instrumnet Name :	P7
Client Sample ID :	MYDA10	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:48:21	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28985	30067	30101	29718	2.14	cps
Vanadium	51-2	1662112	1678529	1679166	1673269	0.58	cps
Yttrium	89-1	24589056	24891556	24021845	24500819	1.80	cps
Yttrium	89-2	5850397	5863715	5873040	5862384	0.19	cps
Zinc	66-2	244351	240718	240499	241856	0.89	cps
Zirconium	90-1	352391	362639	358836	357955	1.45	cps
Zirconium	91-1	78650	78733	79819	79067	0.83	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28702371	28783455	28721560	28735796	0.15	cps
Antimony	121-1	30459	30372	30599	30477	0.38	cps
Arsenic	75-2	151443	149582	150881	150635	0.63	cps
Barium	135-1	974736	984930	979998	979888	0.52	cps
Barium	137-1	1744850	1790719	1797990	1777853	1.62	cps
Beryllium	9-1	3059	3188	3060	3102	2.40	cps
Bismuth	209-1	9489377	9432643	9554643	9492221	0.64	cps
Bismuth	209-2	7458167	7493714	7627098	7526327	1.18	cps
Bromine	81-1	14130	14134	13780	14015	1.45	cps
Bromine	81-2	900	890	920	903	1.69	cps
Cadmium	108-1	1110	993	967	1023	7.45	cps
Cadmium	106-1	6228	6011	6031	6090	1.97	cps
Cadmium	111-1	15441	15671	15620	15577	0.78	cps
Calcium	43-1	259881	261527	262617	261341	0.53	cps
Calcium	44-1	4009053	4027680	4007878	4014870	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1026722	1020841	1022107	1023223	0.30	cps
Cobalt	59-2	956117	952894	947261	952090	0.47	cps
Copper	63-2	4110234	4167089	4159248	4145524	0.74	cps
Dysprosium	156-1	73692	74674	73126	73831	1.06	cps
Dysprosium	156-2	56406	56473	55747	56209	0.71	cps
Erbium	164-1	71616	73539	73231	72795	1.42	cps
Erbium	164-2	49129	49828	49139	49366	0.81	cps
Gadolinium	160-1	75435	75797	76444	75892	0.67	cps
Gadolinium	160-2	56092	56125	54683	55633	1.48	cps
Holmium	165-1	16134084	16192226	16195219	16173843	0.21	cps
Holmium	165-2	11188322	11114492	11038583	11113799	0.67	cps
Indium	115-1	13823972	14009939	13677817	13837243	1.20	cps
Indium	115-2	4595360	4558573	4554061	4569331	0.50	cps
Iron	56-2	1147533076	1132558730	1138315450	1139469085	0.66	cps
Iron	57-2	27984243	27724621	27969307	27892724	0.52	cps
Iron	54-2	63543574	62528866	61737152	62603197	1.45	cps
Krypton	83-1	487	427	500	471	8.29	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1209632	1236352	1225439	1223808	1.10	cps
Lead	207-1	1061171	1064493	1070284	1065316	0.43	cps
Lead	208-1	5092737	5184571	5204182	5160497	1.15	cps
Lithium	6-1	2014136	1975801	1981040	1990325	1.04	cps
Magnesium	24-2	34227874	34049139	33564746	33947253	1.01	cps
Manganese	55-2	16842211	16909350	16539806	16763789	1.17	cps
Molybdenum	94-1	59885	60997	61070	60651	1.09	cps
Molybdenum	95-1	13913	14414	14340	14223	1.90	cps
Molybdenum	96-1	34394	33174	32707	33425	2.61	cps
Molybdenum	97-1	8639	8439	8773	8617	1.95	cps
Molybdenum	98-1	21215	22023	21786	21675	1.92	cps
Neodymium	150-1	103779	105011	104793	104528	0.63	cps
Neodymium	150-2	59304	59053	59187	59182	0.21	cps
Nickel	60-2	297361	299023	300614	298999	0.54	cps
Phosphorus	31-2	34906	35438	35518	35287	0.94	cps
Potassium	39-2	7016766	7021288	6875115	6971056	1.19	cps
Rhodium	103-1	13582374	13489631	13308794	13460266	1.03	cps
Rhodium	103-2	8359456	8160969	8254361	8258262	1.20	cps
Scandium	45-1	11758684	11522801	11525982	11602489	1.17	cps
Scandium	45-2	1021571	1018177	1010698	1016815	0.55	cps
Selenium	82-1	872	1007	936	938	7.21	cps
Selenium	77-2	357	290	350	332	11.05	cps
Selenium	78-2	710	623	793	709	11.99	cps
Silicon	28-1	24370709	24928239	24492563	24597170	1.19	cps
Silver	107-1	12812	12806	13363	12994	2.46	cps
Silver	109-1	12125	12369	12145	12213	1.11	cps
Sodium	23-2	216472	216484	216392	216450	0.02	cps
Strontium	86-1	184711	189314	186973	186999	1.23	cps
Strontium	88-1	1630124	1627254	1664973	1640784	1.28	cps
Sulfur	34-1	277766	282996	281435	280732	0.96	cps
Terbium	159-1	17075672	17147119	17021801	17081531	0.37	cps
Terbium	159-2	11311339	11090353	11196762	11199485	0.99	cps
Thallium	203-1	2760	2760	2817	2779	1.18	cps
Thallium	205-1	6748	6895	6925	6856	1.38	cps
Tin	118-1	33188	33389	34221	33599	1.63	cps
Titanium	47-1	1431262	1420761	1425288	1425770	0.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-15	Instrumnet Name :	P7
Client Sample ID :	MYDA11	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:51:26	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23431	23411	23544	23462	0.31	cps
Vanadium	51-2	3833256	3756480	3702428	3764055	1.75	cps
Yttrium	89-1	24194955	24468960	24340988	24334968	0.56	cps
Yttrium	89-2	5873431	5830883	5846174	5850163	0.37	cps
Zinc	66-2	526801	527822	524450	526358	0.33	cps
Zirconium	90-1	142669	147506	145116	145097	1.67	cps
Zirconium	91-1	32466	32793	31925	32395	1.35	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11561872	11214654	11470360	11415629	1.58	cps
Antimony	121-1	13490	14044	14224	13919	2.75	cps
Arsenic	75-2	62782	62300	62333	62472	0.43	cps
Barium	135-1	955712	967731	962320	961921	0.63	cps
Barium	137-1	1730671	1744949	1727772	1734464	0.53	cps
Beryllium	9-1	2749	2688	2740	2726	1.20	cps
Bismuth	209-1	9570918	9753439	9421280	9581879	1.74	cps
Bismuth	209-2	7717984	7677672	7686371	7694009	0.28	cps
Bromine	81-1	12332	12752	12502	12529	1.69	cps
Bromine	81-2	433	540	540	504	12.21	cps
Cadmium	108-1	323	410	327	353	13.90	cps
Cadmium	106-1	5174	4961	5161	5099	2.34	cps
Cadmium	111-1	6436	6379	6454	6423	0.61	cps
Calcium	43-1	541261	549657	557277	549399	1.46	cps
Calcium	44-1	8365572	8440163	8316403	8374046	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	408267	408896	404437	407200	0.59	cps
Cobalt	59-2	408822	404473	401969	405088	0.86	cps
Copper	63-2	1771972	1753558	1780925	1768818	0.79	cps
Dysprosium	156-1	60151	61367	61601	61040	1.27	cps
Dysprosium	156-2	48905	48938	49400	49081	0.56	cps
Erbium	164-1	53295	54780	53967	54014	1.38	cps
Erbium	164-2	36528	37069	36371	36656	1.00	cps
Gadolinium	160-1	58886	59837	60212	59645	1.15	cps
Gadolinium	160-2	44233	42601	43337	43390	1.88	cps
Holmium	165-1	16177891	16373344	16281575	16277603	0.60	cps
Holmium	165-2	11234760	11070113	11084982	11129952	0.82	cps
Indium	115-1	14126885	14049977	14003196	14060020	0.44	cps
Indium	115-2	4628837	4662394	4620087	4637106	0.48	cps
Iron	56-2	530466952	538490112	531949259	533635441	0.80	cps
Iron	57-2	13075992	13207542	13037687	13107074	0.68	cps
Iron	54-2	29841775	29423505	29774152	29679811	0.76	cps
Krypton	83-1	463	490	490	481	3.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	762566	776642	777202	772137	1.07	cps
Lead	207-1	626183	635140	631258	630860	0.71	cps
Lead	208-1	2917348	2964632	3144646	3008875	3.99	cps
Lithium	6-1	2076834	2057849	1993190	2042624	2.15	cps
Magnesium	24-2	12745192	12612460	12698723	12685458	0.53	cps
Manganese	55-2	7837336	7801135	7867702	7835391	0.43	cps
Molybdenum	94-1	50654	51005	51363	51007	0.70	cps
Molybdenum	95-1	7252	7429	7665	7449	2.79	cps
Molybdenum	96-1	19944	20521	20728	20398	1.99	cps
Molybdenum	97-1	4627	4721	4781	4710	1.64	cps
Molybdenum	98-1	11198	11375	12199	11590	4.61	cps
Neodymium	150-1	107368	109370	111275	109338	1.79	cps
Neodymium	150-2	62484	61450	61955	61963	0.83	cps
Nickel	60-2	132822	131648	131201	131891	0.63	cps
Phosphorus	31-2	47336	46551	46715	46867	0.88	cps
Potassium	39-2	5036675	5043437	5048998	5043037	0.12	cps
Rhodium	103-1	13754525	13987558	13649027	13797037	1.26	cps
Rhodium	103-2	8503254	8419302	8357333	8426630	0.87	cps
Scandium	45-1	10645455	10464380	10564355	10558063	0.86	cps
Scandium	45-2	940011	931655	932107	934591	0.50	cps
Selenium	82-1	741	776	788	768	3.18	cps
Selenium	77-2	257	277	257	263	4.38	cps
Selenium	78-2	710	643	630	661	6.48	cps
Silicon	28-1	24825610	24848980	24399492	24691361	1.02	cps
Silver	107-1	2027	1937	1893	1952	3.48	cps
Silver	109-1	1863	1610	1763	1746	7.31	cps
Sodium	23-2	266419	263298	264995	264904	0.59	cps
Strontium	86-1	340632	346515	345731	344292	0.93	cps
Strontium	88-1	3008227	3027904	3077273	3037801	1.17	cps
Sulfur	34-1	275883	272377	273863	274041	0.64	cps
Terbium	159-1	17022965	17056895	17101059	17060306	0.23	cps
Terbium	159-2	11261524	11230956	11375426	11289302	0.67	cps
Thallium	203-1	2980	2950	2980	2970	0.58	cps
Thallium	205-1	6918	7062	7225	7069	2.17	cps
Tin	118-1	28789	29046	29457	29097	1.16	cps
Titanium	47-1	2423890	2473563	2371284	2422912	2.11	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-16	Instrumnet Name :	P7
Client Sample ID :	MYDA12	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:54:33	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21164	21568	21421	21384	0.96	cps
Vanadium	51-2	1348217	1363084	1357888	1356396	0.56	cps
Yttrium	89-1	24023686	24325306	24549018	24299337	1.08	cps
Yttrium	89-2	5894738	5963581	5958120	5938813	0.64	cps
Zinc	66-2	232165	228868	231299	230777	0.74	cps
Zirconium	90-1	126516	131304	128442	128754	1.87	cps
Zirconium	91-1	28955	29563	29279	29266	1.04	cps

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On:10/24/2024
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28681535	28631365	28617395	28643432	0.12	cps
Antimony	121-1	13697	14257	14230	14061	2.25	cps
Arsenic	75-2	157038	157428	153993	156153	1.20	cps
Barium	135-1	1332972	1345096	1357581	1345216	0.91	cps
Barium	137-1	2448424	2469005	2455629	2457686	0.42	cps
Beryllium	9-1	3417	3356	3262	3345	2.33	cps
Bismuth	209-1	9537661	9459928	9386441	9461343	0.80	cps
Bismuth	209-2	7510052	7547430	7524079	7527187	0.25	cps
Bromine	81-1	15138	15982	16116	15745	3.37	cps
Bromine	81-2	1080	1087	1147	1104	3.32	cps
Cadmium	108-1	423	410	447	427	4.35	cps
Cadmium	106-1	5118	5094	5641	5284	5.85	cps
Cadmium	111-1	6950	7266	7717	7311	5.27	cps
Calcium	43-1	703227	711084	709708	708006	0.59	cps
Calcium	44-1	10699065	10950760	10780451	10810092	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1143879	1139006	1133748	1138878	0.44	cps
Cobalt	59-2	1004921	996719	998629	1000089	0.43	cps
Copper	63-2	2638429	2575215	2553191	2588945	1.71	cps
Dysprosium	156-1	66038	66808	68566	67137	1.93	cps
Dysprosium	156-2	51959	52996	51882	52279	1.19	cps
Erbium	164-1	74654	76196	75626	75492	1.03	cps
Erbium	164-2	51244	51257	51334	51278	0.10	cps
Gadolinium	160-1	69883	71903	71300	71029	1.46	cps
Gadolinium	160-2	51183	50922	51109	51072	0.26	cps
Holmium	165-1	16067478	16321531	16285578	16224862	0.85	cps
Holmium	165-2	11113786	11172424	10918123	11068111	1.20	cps
Indium	115-1	14060966	14068349	14068161	14065825	0.03	cps
Indium	115-2	4619060	4580103	4535367	4578177	0.91	cps
Iron	56-2	1068721104	1068414411	1064772597	1067302704	0.21	cps
Iron	57-2	26435264	25895107	26324734	26218368	1.09	cps
Iron	54-2	59772806	59125189	58806244	59234746	0.83	cps
Krypton	83-1	527	510	577	538	6.45	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	585298	590139	585094	586843	0.49	cps
Lead	207-1	499317	502276	504116	501903	0.48	cps
Lead	208-1	2297147	2317717	2312080	2308982	0.46	cps
Lithium	6-1	1968644	1996661	1977269	1980858	0.72	cps
Magnesium	24-2	33534139	32897151	33271914	33234401	0.96	cps
Manganese	55-2	16782810	16853864	16755183	16797286	0.30	cps
Molybdenum	94-1	53832	54625	54621	54359	0.84	cps
Molybdenum	95-1	20211	20287	20882	20460	1.79	cps
Molybdenum	96-1	37368	38163	38768	38100	1.84	cps
Molybdenum	97-1	12606	12565	12489	12553	0.47	cps
Molybdenum	98-1	31267	32656	31865	31929	2.18	cps
Neodymium	150-1	92920	93565	93273	93253	0.35	cps
Neodymium	150-2	53474	52350	52892	52906	1.06	cps
Nickel	60-2	373812	370845	372348	372335	0.40	cps
Phosphorus	31-2	37753	37733	36801	37429	1.45	cps
Potassium	39-2	6695983	6667680	6505770	6623144	1.55	cps
Rhodium	103-1	13866568	13648202	13547898	13687556	1.19	cps
Rhodium	103-2	8364614	8364526	8253835	8327658	0.77	cps
Scandium	45-1	11493470	11487948	11369166	11450195	0.61	cps
Scandium	45-2	1020959	1015275	1000126	1012120	1.06	cps
Selenium	82-1	764	816	803	794	3.39	cps
Selenium	77-2	297	280	257	278	7.23	cps
Selenium	78-2	660	610	617	629	4.32	cps
Silicon	28-1	25365970	25705590	25513835	25528465	0.67	cps
Silver	107-1	3837	3954	3951	3914	1.70	cps
Silver	109-1	3480	3747	3610	3613	3.69	cps
Sodium	23-2	246316	246052	247522	246630	0.32	cps
Strontium	86-1	375603	376766	379315	377228	0.50	cps
Strontium	88-1	3277936	3331364	3384188	3331163	1.59	cps
Sulfur	34-1	274715	280491	278306	277837	1.05	cps
Terbium	159-1	17019416	17138350	17055694	17071153	0.36	cps
Terbium	159-2	11219971	11359409	11225717	11268365	0.70	cps
Thallium	203-1	2310	2487	2500	2432	4.36	cps
Thallium	205-1	5661	5458	5648	5589	2.04	cps
Tin	118-1	45950	46615	46783	46449	0.95	cps
Titanium	47-1	3094645	3141910	3135732	3124096	0.82	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-17	Instrumnet Name :	P7
Client Sample ID :	MYDA13	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:57:38	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17682	17729	18016	17809	1.01	cps
Vanadium	51-2	3523293	3513682	3529652	3522209	0.23	cps
Yttrium	89-1	24728633	24704295	25169358	24867429	1.05	cps
Yttrium	89-2	6025969	5926641	5910632	5954414	1.05	cps
Zinc	66-2	384185	379503	376231	379973	1.05	cps
Zirconium	90-1	117183	119229	119014	118475	0.95	cps
Zirconium	91-1	25646	26290	26497	26144	1.70	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14736324	14366459	14380186	14494323	1.45	cps
Antimony	121-1	19850	19870	20151	19957	0.84	cps
Arsenic	75-2	96102	96608	98148	96953	1.10	cps
Barium	135-1	1659405	1681223	1702692	1681106	1.29	cps
Barium	137-1	2951722	2946692	2947355	2948590	0.09	cps
Beryllium	9-1	4288	4182	4037	4169	3.02	cps
Bismuth	209-1	9571647	9482572	9538722	9530980	0.47	cps
Bismuth	209-2	7683270	7829932	7743646	7752283	0.95	cps
Bromine	81-1	16429	16833	16443	16568	1.38	cps
Bromine	81-2	1197	1190	1073	1153	6.01	cps
Cadmium	108-1	377	403	423	401	5.84	cps
Cadmium	106-1	5581	5114	5188	5294	4.74	cps
Cadmium	111-1	6763	6661	6669	6698	0.85	cps
Calcium	43-1	686353	692951	693737	691014	0.59	cps
Calcium	44-1	10559123	10723177	10539779	10607360	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	851344	849505	847914	849588	0.20	cps
Cobalt	59-2	638327	632687	630640	633885	0.63	cps
Copper	63-2	1348181	1334644	1338320	1340382	0.52	cps
Dysprosium	156-1	66755	66429	67642	66942	0.94	cps
Dysprosium	156-2	54167	55646	54305	54706	1.49	cps
Erbium	164-1	56440	57544	57380	57122	1.04	cps
Erbium	164-2	38717	38948	39058	38907	0.45	cps
Gadolinium	160-1	62164	63908	63510	63194	1.45	cps
Gadolinium	160-2	45748	46102	46503	46118	0.82	cps
Holmium	165-1	16427978	16198803	16584963	16403915	1.18	cps
Holmium	165-2	11395099	11401809	11090300	11295736	1.58	cps
Indium	115-1	14013597	14117337	13998129	14043021	0.46	cps
Indium	115-2	4635021	4707593	4569252	4637289	1.49	cps
Iron	56-2	668743057	667960190	661013297	665905515	0.64	cps
Iron	57-2	16278651	16310254	16169366	16252757	0.45	cps
Iron	54-2	36712482	37187771	36501221	36800491	0.96	cps
Krypton	83-1	457	427	430	438	3.76	cps

Reviewed By:mohan
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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	317525	316257	321778	318520	0.91	cps
Lead	207-1	275894	275835	279438	277056	0.74	cps
Lead	208-1	1252795	1261875	1267536	1260735	0.59	cps
Lithium	6-1	2084902	2074562	2097062	2085509	0.54	cps
Magnesium	24-2	14715139	14659405	14641837	14672127	0.26	cps
Manganese	55-2	20822183	20955641	20718286	20832036	0.57	cps
Molybdenum	94-1	54461	55465	56037	55321	1.44	cps
Molybdenum	95-1	12432	12429	12872	12578	2.03	cps
Molybdenum	96-1	26250	26454	26511	26405	0.52	cps
Molybdenum	97-1	7252	7375	7479	7369	1.54	cps
Molybdenum	98-1	18929	19296	19136	19120	0.96	cps
Neodymium	150-1	116567	117938	116886	117131	0.61	cps
Neodymium	150-2	67363	65424	66382	66390	1.46	cps
Nickel	60-2	270740	266682	269525	268982	0.77	cps
Phosphorus	31-2	57343	56992	56865	57067	0.43	cps
Potassium	39-2	8770013	8827321	8711989	8769775	0.66	cps
Rhodium	103-1	13921958	13935941	13587111	13815003	1.43	cps
Rhodium	103-2	8606524	8436847	8321857	8455076	1.69	cps
Scandium	45-1	10864171	11051959	10717515	10877881	1.54	cps
Scandium	45-2	965775	952347	956401	958174	0.72	cps
Selenium	82-1	725	832	892	817	10.37	cps
Selenium	77-2	337	323	313	324	3.61	cps
Selenium	78-2	680	630	567	626	9.08	cps
Silicon	28-1	36827169	37129249	37811004	37255808	1.35	cps
Silver	107-1	3647	3727	3891	3755	3.30	cps
Silver	109-1	3510	3590	3567	3556	1.16	cps
Sodium	23-2	275149	275843	274238	275077	0.29	cps
Strontium	86-1	513724	517406	522154	517761	0.82	cps
Strontium	88-1	4603614	4549464	4578015	4577031	0.59	cps
Sulfur	34-1	319519	314116	310678	314771	1.42	cps
Terbium	159-1	17053177	17045817	16947857	17015617	0.35	cps
Terbium	159-2	11471639	11330342	11374393	11392124	0.63	cps
Thallium	203-1	2800	3027	2920	2916	3.89	cps
Thallium	205-1	6782	7009	6792	6861	1.87	cps
Tin	118-1	26655	26892	27206	26917	1.03	cps
Titanium	47-1	2216144	2281728	2212347	2236740	1.74	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-18	Instrumnet Name :	P7
Client Sample ID :	MYDA14	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:00:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25010	25094	25521	25208	1.09	cps
Vanadium	51-2	1427644	1427473	1443024	1432714	0.62	cps
Yttrium	89-1	24594355	24692035	24435084	24573825	0.53	cps
Yttrium	89-2	5853510	5976607	5838219	5889445	1.29	cps
Zinc	66-2	313223	316840	311806	313956	0.83	cps
Zirconium	90-1	133060	134796	135704	134520	1.00	cps
Zirconium	91-1	29670	30131	30438	30080	1.28	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11049550	10996249	10829633	10958477	1.05	cps
Antimony	121-1	16950	17170	17301	17140	1.03	cps
Arsenic	75-2	83433	82531	82947	82970	0.54	cps
Barium	135-1	863719	876575	876233	872176	0.84	cps
Barium	137-1	1496511	1595278	1510259	1534016	3.49	cps
Beryllium	9-1	2405	2213	2089	2236	7.12	cps
Bismuth	209-1	9532707	9514997	9477264	9508323	0.30	cps
Bismuth	209-2	7619585	7555942	7521832	7565786	0.66	cps
Bromine	81-1	12996	12969	12826	12930	0.71	cps
Bromine	81-2	493	537	510	513	4.26	cps
Cadmium	108-1	347	410	343	367	10.25	cps
Cadmium	106-1	5444	5084	5088	5205	3.98	cps
Cadmium	111-1	6775	6336	6525	6545	3.37	cps
Calcium	43-1	340761	342843	343648	342417	0.44	cps
Calcium	44-1	5201431	5229919	5256138	5229163	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	650451	644458	636748	643886	1.07	cps
Cobalt	59-2	445009	432224	434454	437229	1.56	cps
Copper	63-2	2239123	2240918	2278955	2252999	1.00	cps
Dysprosium	156-1	42227	42976	42467	42557	0.90	cps
Dysprosium	156-2	34803	34522	34760	34695	0.44	cps
Erbium	164-1	37854	37724	38145	37908	0.57	cps
Erbium	164-2	25804	25961	26515	26093	1.43	cps
Gadolinium	160-1	40231	41281	41588	41033	1.73	cps
Gadolinium	160-2	29762	29905	29645	29771	0.44	cps
Holmium	165-1	16414329	15865830	16164566	16148242	1.70	cps
Holmium	165-2	11284991	11141046	11083552	11169863	0.93	cps
Indium	115-1	14066883	14139185	14160736	14122268	0.35	cps
Indium	115-2	4662905	4649940	4652335	4655060	0.15	cps
Iron	56-2	528599939	526416019	527089979	527368645	0.21	cps
Iron	57-2	13115646	12869626	12935639	12973637	0.98	cps
Iron	54-2	28597701	29308406	29038695	28981601	1.24	cps
Krypton	83-1	437	410	457	434	5.39	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	362400	369308	364870	365526	0.96	cps
Lead	207-1	315375	312449	314153	313992	0.47	cps
Lead	208-1	1430130	1433969	1427370	1430490	0.23	cps
Lithium	6-1	2047992	2048838	2056617	2051149	0.23	cps
Magnesium	24-2	12371160	12062986	11984192	12139446	1.68	cps
Manganese	55-2	8520150	8526744	8512567	8519820	0.08	cps
Molybdenum	94-1	59825	61167	60123	60371	1.17	cps
Molybdenum	95-1	14654	15385	14684	14908	2.77	cps
Molybdenum	96-1	28772	28378	28458	28536	0.73	cps
Molybdenum	97-1	8873	8919	8853	8882	0.39	cps
Molybdenum	98-1	22501	22507	22811	22607	0.78	cps
Neodymium	150-1	75756	75514	76607	75959	0.76	cps
Neodymium	150-2	42858	43133	42384	42791	0.89	cps
Nickel	60-2	191655	191433	190231	191106	0.40	cps
Phosphorus	31-2	31402	31309	30985	31232	0.70	cps
Potassium	39-2	4968988	4829240	4808360	4868863	1.79	cps
Rhodium	103-1	13836443	13734576	13495368	13688796	1.28	cps
Rhodium	103-2	8522028	8405002	8470726	8465919	0.69	cps
Scandium	45-1	10649631	10494020	10639204	10594285	0.82	cps
Scandium	45-2	935262	933344	919201	929269	0.94	cps
Selenium	82-1	722	677	673	691	3.97	cps
Selenium	77-2	200	157	213	190	15.59	cps
Selenium	78-2	640	487	550	559	13.79	cps
Silicon	28-1	37834617	38759975	37614664	38069752	1.60	cps
Silver	107-1	3914	4284	4141	4113	4.54	cps
Silver	109-1	3757	3914	3624	3765	3.86	cps
Sodium	23-2	217295	219009	217910	218071	0.40	cps
Strontium	86-1	194545	197538	197061	196382	0.82	cps
Strontium	88-1	1693129	1754219	1729465	1725604	1.78	cps
Sulfur	34-1	258602	256204	254966	256591	0.72	cps
Terbium	159-1	17049591	16945229	16910078	16968299	0.43	cps
Terbium	159-2	11224440	11162250	11270030	11218907	0.48	cps
Thallium	203-1	1760	1663	1730	1718	2.88	cps
Thallium	205-1	4064	4261	4361	4228	3.57	cps
Tin	118-1	27513	28084	28308	27968	1.47	cps
Titanium	47-1	2475263	2531666	2472401	2493110	1.34	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-19	Instrumnet Name :	P7
Client Sample ID :	MYDA15	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:03:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17528	17942	17859	17776	1.23	cps
Vanadium	51-2	1204153	1204243	1197476	1201957	0.32	cps
Yttrium	89-1	23654755	23901372	24250839	23935655	1.25	cps
Yttrium	89-2	5791448	5764566	5803218	5786411	0.34	cps
Zinc	66-2	199343	198276	197323	198314	0.51	cps
Zirconium	90-1	142245	144894	144685	143941	1.02	cps
Zirconium	91-1	32322	32112	32215	32216	0.33	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17940775	17834855	17819956	17865195	0.37	cps
Antimony	121-1	14514	14431	14331	14425	0.64	cps
Arsenic	75-2	56751	57012	57334	57032	0.51	cps
Barium	135-1	1262350	1288967	1288825	1280047	1.20	cps
Barium	137-1	2329148	2316262	2289951	2311787	0.86	cps
Beryllium	9-1	5495	5273	5497	5422	2.38	cps
Bismuth	209-1	9514538	9424964	9509648	9483050	0.53	cps
Bismuth	209-2	7528075	7574777	7471966	7524939	0.68	cps
Bromine	81-1	13023	13009	12652	12895	1.63	cps
Bromine	81-2	773	703	670	716	7.37	cps
Cadmium	108-1	460	467	450	459	1.83	cps
Cadmium	106-1	5538	5768	5624	5643	2.06	cps
Cadmium	111-1	6115	6241	6186	6180	1.03	cps
Calcium	43-1	964141	988320	982971	978477	1.30	cps
Calcium	44-1	14852073	14996433	14898257	14915588	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499069	500129	494476	497891	0.60	cps
Cobalt	59-2	550248	557689	553422	553787	0.67	cps
Copper	63-2	1079980	1075718	1073950	1076549	0.29	cps
Dysprosium	156-1	111837	112910	113057	112601	0.59	cps
Dysprosium	156-2	91415	90972	91351	91246	0.26	cps
Erbium	164-1	100089	102576	103382	102016	1.68	cps
Erbium	164-2	69234	68792	68561	68862	0.50	cps
Gadolinium	160-1	112110	113865	113216	113064	0.78	cps
Gadolinium	160-2	82497	82444	82286	82409	0.13	cps
Holmium	165-1	16239560	16106958	16352718	16233079	0.76	cps
Holmium	165-2	11147566	10959052	10900586	11002401	1.17	cps
Indium	115-1	13868391	14067229	13815467	13917029	0.95	cps
Indium	115-2	4625303	4575431	4531351	4577362	1.03	cps
Iron	56-2	596379724	606104858	593391164	598625249	1.11	cps
Iron	57-2	14868996	14665314	14455331	14663214	1.41	cps
Iron	54-2	33395730	32892165	32735162	33007686	1.05	cps
Krypton	83-1	550	463	570	528	10.74	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	477541	483583	480324	480482	0.63	cps
Lead	207-1	388665	396297	395403	393455	1.06	cps
Lead	208-1	1817095	1840662	1839700	1832486	0.73	cps
Lithium	6-1	2045303	1980761	1955819	1993961	2.32	cps
Magnesium	24-2	16789893	16748511	16731985	16756796	0.18	cps
Manganese	55-2	11184717	11182984	10997662	11121787	0.97	cps
Molybdenum	94-1	126182	129648	129151	128327	1.46	cps
Molybdenum	95-1	8392	8869	8673	8645	2.77	cps
Molybdenum	96-1	34300	35136	34825	34753	1.22	cps
Molybdenum	97-1	5231	5471	5378	5360	2.26	cps
Molybdenum	98-1	12789	13156	13073	13006	1.48	cps
Neodymium	150-1	200218	202943	200888	201350	0.71	cps
Neodymium	150-2	114393	114144	113213	113917	0.55	cps
Nickel	60-2	163706	165267	163224	164066	0.65	cps
Phosphorus	31-2	57862	57240	57063	57388	0.73	cps
Potassium	39-2	4811505	4844384	4699223	4785037	1.59	cps
Rhodium	103-1	13582637	13758280	13332445	13557787	1.58	cps
Rhodium	103-2	8394651	8184690	8198708	8259349	1.42	cps
Scandium	45-1	10814856	10621729	10625120	10687235	1.03	cps
Scandium	45-2	948456	938122	936744	941107	0.68	cps
Selenium	82-1	858	1044	897	933	10.50	cps
Selenium	77-2	533	487	477	499	6.06	cps
Selenium	78-2	840	727	870	812	9.31	cps
Silicon	28-1	33182573	33440547	33955696	33526272	1.17	cps
Silver	107-1	1967	1897	2060	1975	4.15	cps
Silver	109-1	1513	1653	1523	1563	5.00	cps
Sodium	23-2	382541	383530	380985	382352	0.34	cps
Strontium	86-1	842434	858208	852820	851154	0.94	cps
Strontium	88-1	7605449	7619675	7633548	7619557	0.18	cps
Sulfur	34-1	261379	261518	258840	260579	0.58	cps
Terbium	159-1	16970409	16921025	16833674	16908369	0.41	cps
Terbium	159-2	11139718	11084795	11069248	11097920	0.33	cps
Thallium	203-1	2714	2947	2674	2778	5.32	cps
Thallium	205-1	6568	6472	6608	6549	1.07	cps
Tin	118-1	31959	32888	32266	32371	1.46	cps
Titanium	47-1	2021136	2041623	2042487	2035082	0.59	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-20	Instrumnet Name :	P7
Client Sample ID :	MYDA16	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:07:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33382	34672	33917	33990	1.91	cps
Vanadium	51-2	1226120	1228404	1229238	1227921	0.13	cps
Yttrium	89-1	25503321	25973471	25299448	25592080	1.35	cps
Yttrium	89-2	6072120	6034087	6017802	6041336	0.46	cps
Zinc	66-2	285554	283641	283975	284390	0.36	cps
Zirconium	90-1	335009	345702	339325	340012	1.58	cps
Zirconium	91-1	75419	76599	76810	76276	0.98	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12190643	12084055	11922681	12065793	1.12	cps
Antimony	121-1	22528	22374	21857	22253	1.58	cps
Arsenic	75-2	94431	94029	93133	93864	0.71	cps
Barium	135-1	1974944	1950865	2004340	1976716	1.35	cps
Barium	137-1	3405769	3365474	3449639	3406961	1.24	cps
Beryllium	9-1	3677	3454	3417	3516	4.01	cps
Bismuth	209-1	9455724	9541261	9660431	9552472	1.08	cps
Bismuth	209-2	7553861	7564454	7533548	7550621	0.21	cps
Bromine	81-1	13176	12852	13893	13307	4.00	cps
Bromine	81-2	690	657	750	699	6.77	cps
Cadmium	108-1	477	523	473	491	5.69	cps
Cadmium	106-1	5394	5348	5188	5310	2.04	cps
Cadmium	111-1	7026	7021	6820	6956	1.69	cps
Calcium	43-1	371565	370364	377746	373225	1.06	cps
Calcium	44-1	5638469	5690191	5883193	5737284	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	766924	760921	765064	764303	0.40	cps
Cobalt	59-2	557459	551962	554293	554571	0.50	cps
Copper	63-2	1311623	1281954	1274501	1289360	1.52	cps
Dysprosium	156-1	71819	72573	71273	71888	0.91	cps
Dysprosium	156-2	57008	57514	57146	57223	0.46	cps
Erbium	164-1	58023	58853	58689	58522	0.75	cps
Erbium	164-2	40412	39653	39389	39818	1.33	cps
Gadolinium	160-1	67766	66410	67639	67271	1.11	cps
Gadolinium	160-2	49196	48624	48795	48872	0.60	cps
Holmium	165-1	16480649	16137249	15902908	16173602	1.80	cps
Holmium	165-2	11037248	11059533	11090663	11062481	0.24	cps
Indium	115-1	14019191	13897599	14188164	14034985	1.04	cps
Indium	115-2	4623462	4599989	4525229	4582894	1.12	cps
Iron	56-2	756393909	757013882	766057242	759821678	0.71	cps
Iron	57-2	18539680	18853751	18490213	18627881	1.06	cps
Iron	54-2	41881115	42021454	41096959	41666509	1.20	cps
Krypton	83-1	513	440	443	466	8.89	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	481070	488372	480639	483360	0.90	cps
Lead	207-1	424388	423432	423074	423631	0.16	cps
Lead	208-1	1900161	1927483	1924355	1917333	0.78	cps
Lithium	6-1	1834708	1942459	2004868	1927345	4.47	cps
Magnesium	24-2	11628651	11436956	11489256	11518288	0.86	cps
Manganese	55-2	29577770	29717340	29720856	29671989	0.28	cps
Molybdenum	94-1	105047	103630	104194	104290	0.68	cps
Molybdenum	95-1	11691	11905	12749	12115	4.62	cps
Molybdenum	96-1	34307	35440	35052	34933	1.65	cps
Molybdenum	97-1	7138	7495	7102	7245	3.00	cps
Molybdenum	98-1	17374	17948	18378	17900	2.82	cps
Neodymium	150-1	128957	130673	132485	130705	1.35	cps
Neodymium	150-2	75317	73705	72164	73728	2.14	cps
Nickel	60-2	242779	239899	240658	241112	0.62	cps
Phosphorus	31-2	39645	39551	38976	39391	0.92	cps
Potassium	39-2	5761356	5783154	5758482	5767664	0.23	cps
Rhodium	103-1	13540231	13756701	14008401	13768444	1.70	cps
Rhodium	103-2	8326453	8496692	8195796	8339647	1.81	cps
Scandium	45-1	10502960	10751288	10686320	10646856	1.21	cps
Scandium	45-2	936225	939261	921071	932186	1.05	cps
Selenium	82-1	704	754	801	753	6.46	cps
Selenium	77-2	333	273	263	290	13.05	cps
Selenium	78-2	643	673	577	631	7.84	cps
Silicon	28-1	43618999	45018709	45246353	44628020	1.97	cps
Silver	107-1	4107	4054	4464	4208	5.30	cps
Silver	109-1	3844	4217	3871	3977	5.24	cps
Sodium	23-2	270070	271814	268777	270220	0.56	cps
Strontium	86-1	344651	345481	334960	341697	1.71	cps
Strontium	88-1	3090358	2978435	2977898	3015563	2.15	cps
Sulfur	34-1	263881	260583	257755	260740	1.18	cps
Terbium	159-1	17113583	17053478	16851231	17006097	0.81	cps
Terbium	159-2	11300769	11125560	11153650	11193326	0.84	cps
Thallium	203-1	3424	3107	3197	3243	5.03	cps
Thallium	205-1	7589	7656	7889	7711	2.04	cps
Tin	118-1	28973	29103	28455	28843	1.19	cps
Titanium	47-1	1944218	2045618	2051059	2013632	2.99	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-21	Instrumnet Name :	P7
Client Sample ID :	MYDA17	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:10:07	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25528	25214	25154	25299	0.79	cps
Vanadium	51-2	1473258	1454594	1448989	1458947	0.87	cps
Yttrium	89-1	24288545	24109255	24031544	24143115	0.55	cps
Yttrium	89-2	5906003	5854097	5874410	5878170	0.44	cps
Zinc	66-2	270708	267460	266195	268121	0.87	cps
Zirconium	90-1	264354	268123	270071	267516	1.09	cps
Zirconium	91-1	58794	62046	59249	60030	2.93	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14124685	13965940	13994088	14028237	0.60	cps
Antimony	121-1	8943	9533	9673	9383	4.13	cps
Arsenic	75-2	40024	39850	39442	39772	0.75	cps
Barium	135-1	906341	924514	923184	918013	1.10	cps
Barium	137-1	1641394	1680106	1697076	1672859	1.71	cps
Beryllium	9-1	3844	4079	4012	3978	3.05	cps
Bismuth	209-1	9423445	9692128	9612313	9575962	1.44	cps
Bismuth	209-2	7567139	7412277	7659877	7546431	1.66	cps
Bromine	81-1	12812	12836	12906	12851	0.38	cps
Bromine	81-2	587	657	650	631	6.12	cps
Cadmium	108-1	297	303	347	316	8.60	cps
Cadmium	106-1	5214	5201	4911	5109	3.36	cps
Cadmium	111-1	5413	5425	5168	5335	2.71	cps
Calcium	43-1	573497	576980	573768	574748	0.34	cps
Calcium	44-1	8737596	8927585	8943052	8869411	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	310608	311076	307177	309620	0.69	cps
Cobalt	59-2	353690	350698	348188	350859	0.79	cps
Copper	63-2	664235	660448	664500	663061	0.34	cps
Dysprosium	156-1	87822	87202	88131	87719	0.54	cps
Dysprosium	156-2	70854	71430	71374	71220	0.45	cps
Erbium	164-1	76870	77165	75767	76601	0.96	cps
Erbium	164-2	52137	52130	52358	52208	0.25	cps
Gadolinium	160-1	85868	87638	87041	86849	1.04	cps
Gadolinium	160-2	63787	62609	62787	63061	1.01	cps
Holmium	165-1	15910437	15896407	15886227	15897690	0.08	cps
Holmium	165-2	11285067	11106657	11052270	11147998	1.09	cps
Indium	115-1	14012970	13927644	13881377	13940664	0.48	cps
Indium	115-2	4571656	4590334	4581655	4581215	0.20	cps
Iron	56-2	434314127	431495287	433654914	433154776	0.34	cps
Iron	57-2	10754025	10707472	10726286	10729261	0.22	cps
Iron	54-2	23744692	23632026	24141478	23839399	1.12	cps
Krypton	83-1	477	503	537	506	5.95	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	298602	303010	303180	301597	0.86	cps
Lead	207-1	253773	257134	257633	256180	0.82	cps
Lead	208-1	1165644	1183337	1176555	1175179	0.76	cps
Lithium	6-1	2013364	1948298	1935484	1965715	2.12	cps
Magnesium	24-2	11030534	11000760	10947837	10993044	0.38	cps
Manganese	55-2	7493375	7537175	7546229	7525593	0.38	cps
Molybdenum	94-1	90622	91564	90313	90833	0.72	cps
Molybdenum	95-1	6425	6502	6418	6448	0.72	cps
Molybdenum	96-1	24314	24911	25506	24910	2.39	cps
Molybdenum	97-1	3994	3804	3861	3886	2.51	cps
Molybdenum	98-1	9857	10137	9747	9913	2.03	cps
Neodymium	150-1	158966	161143	157523	159211	1.14	cps
Neodymium	150-2	91243	90549	90099	90630	0.64	cps
Nickel	60-2	108895	108496	108777	108723	0.19	cps
Phosphorus	31-2	41082	41463	40838	41127	0.77	cps
Potassium	39-2	6081681	6285148	6114114	6160314	1.77	cps
Rhodium	103-1	13636851	13618218	13726874	13660648	0.43	cps
Rhodium	103-2	8396528	8315453	8265502	8325828	0.79	cps
Scandium	45-1	10404933	10501223	10341547	10415901	0.77	cps
Scandium	45-2	914609	913465	923163	917079	0.58	cps
Selenium	82-1	783	748	777	770	2.41	cps
Selenium	77-2	357	407	403	389	7.19	cps
Selenium	78-2	820	690	693	734	10.09	cps
Silicon	28-1	41122674	40869127	41219929	41070577	0.44	cps
Silver	107-1	3350	3327	3434	3370	1.66	cps
Silver	109-1	3010	2860	3160	3010	4.98	cps
Sodium	23-2	245663	246665	249889	247405	0.89	cps
Strontium	86-1	424453	434189	426973	428539	1.18	cps
Strontium	88-1	3721953	3806918	3751578	3760150	1.15	cps
Sulfur	34-1	237696	234980	232011	234896	1.21	cps
Terbium	159-1	16945135	16846911	16785361	16859136	0.48	cps
Terbium	159-2	11142985	11190641	11360723	11231450	1.02	cps
Thallium	203-1	2357	2504	2364	2408	3.44	cps
Thallium	205-1	5551	5585	5648	5595	0.88	cps
Tin	118-1	32754	33289	33065	33036	0.81	cps
Titanium	47-1	1868943	1907260	1851616	1875940	1.52	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-22	Instrumnet Name :	P7
Client Sample ID :	MYDA18	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:13:14	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24987	25154	25585	25242	1.22	cps
Vanadium	51-2	823571	824408	816919	821633	0.50	cps
Yttrium	89-1	24431400	24506389	24660230	24532673	0.48	cps
Yttrium	89-2	5872763	5919338	5930667	5907589	0.52	cps
Zinc	66-2	228726	227886	225146	227252	0.82	cps
Zirconium	90-1	239659	246549	243522	243243	1.42	cps
Zirconium	91-1	54678	54778	53905	54454	0.88	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15047141	14900298	14943208	14963549	0.50	cps
Antimony	121-1	269306	268395	265338	267680	0.78	cps
Arsenic	75-2	152349	152242	152056	152216	0.10	cps
Barium	135-1	1145124	1147579	1161842	1151515	0.78	cps
Barium	137-1	2049867	2057950	2088841	2065553	1.00	cps
Beryllium	9-1	2905	2763	2785	2818	2.70	cps
Bismuth	209-1	9393558	9414495	9433351	9413802	0.21	cps
Bismuth	209-2	7607348	7649180	7603706	7620078	0.33	cps
Bromine	81-1	12022	12052	12329	12134	1.39	cps
Bromine	81-2	490	453	367	437	14.50	cps
Cadmium	108-1	647	627	667	647	3.09	cps
Cadmium	106-1	5508	5334	5388	5410	1.64	cps
Cadmium	111-1	8190	7789	8116	8032	2.65	cps
Calcium	43-1	583053	585110	588221	585461	0.44	cps
Calcium	44-1	8771758	8726154	8692871	8730261	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1343021	1374785	1353927	1357244	1.19	cps
Cobalt	59-2	815331	809278	806234	810281	0.57	cps
Copper	63-2	2116311	2087740	2100742	2101598	0.68	cps
Dysprosium	156-1	54512	55429	54813	54918	0.85	cps
Dysprosium	156-2	43277	43183	43407	43289	0.26	cps
Erbium	164-1	48507	49889	49233	49210	1.40	cps
Erbium	164-2	33621	32795	33797	33404	1.60	cps
Gadolinium	160-1	51999	53030	52167	52398	1.06	cps
Gadolinium	160-2	37751	38078	37173	37667	1.22	cps
Holmium	165-1	16545349	16532406	16503354	16527036	0.13	cps
Holmium	165-2	11103626	11257445	11294332	11218467	0.90	cps
Indium	115-1	14103175	14245998	14364900	14238024	0.92	cps
Indium	115-2	4699704	4602819	4586087	4629537	1.32	cps
Iron	56-2	763739535	773009828	767692069	768147144	0.61	cps
Iron	57-2	19079789	18684402	18835764	18866652	1.06	cps
Iron	54-2	42292504	42330367	42615689	42412853	0.42	cps
Krypton	83-1	507	453	430	463	8.48	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	505523	509711	505455	506896	0.48	cps
Lead	207-1	432484	438283	441278	437349	1.02	cps
Lead	208-1	1962561	1984216	1985946	1977574	0.66	cps
Lithium	6-1	1968226	1900653	1932998	1933959	1.75	cps
Magnesium	24-2	18371909	18254103	18238565	18288192	0.40	cps
Manganese	55-2	14109777	14346807	14129154	14195246	0.93	cps
Molybdenum	94-1	110181	112105	110755	111014	0.89	cps
Molybdenum	95-1	26554	27466	27272	27097	1.77	cps
Molybdenum	96-1	49537	50962	50825	50441	1.56	cps
Molybdenum	97-1	16910	16783	16569	16754	1.03	cps
Molybdenum	98-1	42004	42465	42719	42396	0.86	cps
Neodymium	150-1	91346	92551	91682	91860	0.68	cps
Neodymium	150-2	52942	52568	52631	52714	0.38	cps
Nickel	60-2	329567	328772	329138	329159	0.12	cps
Phosphorus	31-2	36975	36159	37379	36838	1.69	cps
Potassium	39-2	5418033	5378690	5378217	5391647	0.42	cps
Rhodium	103-1	13582566	13594585	13536230	13571127	0.23	cps
Rhodium	103-2	8435882	8358473	8250466	8348273	1.12	cps
Scandium	45-1	10587885	10567158	10457863	10537635	0.66	cps
Scandium	45-2	951657	950394	937762	946604	0.81	cps
Selenium	82-1	700	816	838	785	9.40	cps
Selenium	77-2	280	217	270	256	13.32	cps
Selenium	78-2	613	633	663	637	3.95	cps
Silicon	28-1	26054938	26497041	26132880	26228286	0.90	cps
Silver	107-1	6225	6622	6368	6405	3.14	cps
Silver	109-1	6135	5891	5945	5990	2.14	cps
Sodium	23-2	361148	359829	361475	360817	0.24	cps
Strontium	86-1	272197	273436	271596	272410	0.34	cps
Strontium	88-1	2426336	2454736	2439387	2440153	0.58	cps
Sulfur	34-1	283743	290068	292237	288683	1.53	cps
Terbium	159-1	17179152	17010234	17126858	17105415	0.51	cps
Terbium	159-2	11447473	11114763	11185628	11249288	1.56	cps
Thallium	203-1	1917	2024	2014	1985	2.97	cps
Thallium	205-1	4874	4828	4804	4835	0.74	cps
Tin	118-1	64675	66168	68957	66600	3.26	cps
Titanium	47-1	2497152	2543864	2543029	2528015	1.06	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-01	Instrumnet Name :	P7
Client Sample ID :	MYDA19	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:16:22	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20619	20563	21331	20838	2.05	cps
Vanadium	51-2	1779632	1769815	1738770	1762739	1.21	cps
Yttrium	89-1	24217468	24635892	24500179	24451180	0.87	cps
Yttrium	89-2	5849418	5910437	5726159	5828671	1.61	cps
Zinc	66-2	574238	568118	571037	571131	0.54	cps
Zirconium	90-1	262314	268100	265916	265443	1.10	cps
Zirconium	91-1	57522	57519	58606	57882	1.08	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12776489	12911266	12744201	12810652	0.69	cps
Antimony	121-1	264066	261297	265293	263552	0.78	cps
Arsenic	75-2	124366	123666	124346	124126	0.32	cps
Barium	135-1	1135733	1150715	1140954	1142467	0.67	cps
Barium	137-1	2086551	2126204	2075161	2095972	1.28	cps
Beryllium	9-1	2775	2871	2832	2826	1.70	cps
Bismuth	209-1	9491042	9776666	9533873	9600527	1.60	cps
Bismuth	209-2	7693738	7590823	7728599	7671053	0.93	cps
Bromine	81-1	12188	12335	11935	12153	1.67	cps
Bromine	81-2	353	363	433	383	11.37	cps
Cadmium	108-1	503	460	567	510	10.52	cps
Cadmium	106-1	5508	5484	5371	5454	1.34	cps
Cadmium	111-1	6937	6611	6470	6673	3.59	cps
Calcium	43-1	333594	325022	330442	329686	1.32	cps
Calcium	44-1	5060299	4978576	4970863	5003246	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	846128	846412	842320	844954	0.27	cps
Cobalt	59-2	662163	667652	669844	666553	0.59	cps
Copper	63-2	1677705	1648940	1652350	1659665	0.95	cps
Dysprosium	156-1	54609	55007	54482	54699	0.50	cps
Dysprosium	156-2	42675	43049	42635	42786	0.53	cps
Erbium	164-1	49842	50223	49377	49814	0.85	cps
Erbium	164-2	33126	33423	33346	33299	0.46	cps
Gadolinium	160-1	51511	53742	51708	52321	2.36	cps
Gadolinium	160-2	38964	38329	38383	38559	0.91	cps
Holmium	165-1	16455105	16281670	16286207	16340994	0.60	cps
Holmium	165-2	11299784	11059228	11093732	11150914	1.17	cps
Indium	115-1	13999197	14141570	13771376	13970714	1.34	cps
Indium	115-2	4660399	4510151	4479890	4550147	2.12	cps
Iron	56-2	744390416	734912896	735330656	738211322	0.73	cps
Iron	57-2	18223539	18197517	18077773	18166276	0.43	cps
Iron	54-2	40817039	40990893	40605354	40804429	0.47	cps
Krypton	83-1	420	473	473	456	6.76	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1082815	1083737	1081839	1082797	0.09	cps
Lead	207-1	909129	919473	907562	912055	0.71	cps
Lead	208-1	4459206	4592612	4485656	4512491	1.57	cps
Lithium	6-1	1975029	2082127	1992440	2016532	2.85	cps
Magnesium	24-2	14896905	14764771	14861874	14841183	0.46	cps
Manganese	55-2	15003001	14999209	14975328	14992513	0.10	cps
Molybdenum	94-1	74127	75155	75138	74807	0.79	cps
Molybdenum	95-1	8939	9190	8719	8949	2.63	cps
Molybdenum	96-1	27382	27095	27643	27373	1.00	cps
Molybdenum	97-1	5684	5611	5958	5751	3.18	cps
Molybdenum	98-1	13176	13666	13423	13422	1.83	cps
Neodymium	150-1	92189	92263	92001	92151	0.15	cps
Neodymium	150-2	52307	52651	52608	52522	0.36	cps
Nickel	60-2	350845	351519	349122	350495	0.35	cps
Phosphorus	31-2	37519	37599	37325	37481	0.38	cps
Potassium	39-2	5179798	5084266	5142532	5135532	0.94	cps
Rhodium	103-1	13640659	14052527	13605604	13766263	1.81	cps
Rhodium	103-2	8466269	8304434	8278556	8349753	1.22	cps
Scandium	45-1	10825520	10707481	10458956	10663986	1.75	cps
Scandium	45-2	931886	930660	924456	929000	0.43	cps
Selenium	82-1	715	761	766	747	3.76	cps
Selenium	77-2	257	217	243	239	8.53	cps
Selenium	78-2	593	630	633	619	3.59	cps
Silicon	28-1	31720826	33462396	32449275	32544166	2.69	cps
Silver	107-1	3550	3390	3390	3444	2.68	cps
Silver	109-1	3307	3250	3150	3236	2.45	cps
Sodium	23-2	224506	225278	223252	224345	0.46	cps
Strontium	86-1	224845	228038	225248	226044	0.77	cps
Strontium	88-1	2006210	1958411	2039857	2001492	2.04	cps
Sulfur	34-1	263834	266303	266469	265535	0.56	cps
Terbium	159-1	16909853	17015849	16844190	16923297	0.51	cps
Terbium	159-2	11316353	11147642	11247629	11237208	0.75	cps
Thallium	203-1	2107	2100	2077	2095	0.75	cps
Thallium	205-1	4821	5031	4811	4888	2.54	cps
Tin	118-1	24240	24447	23826	24171	1.31	cps
Titanium	47-1	2351109	2376880	2279801	2335930	2.15	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-02	Instrumnet Name :	P7
Client Sample ID :	MYDA20	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:19:28	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23698	22920	23497	23372	1.73	cps
Vanadium	51-2	1710126	1704744	1670463	1695111	1.27	cps
Yttrium	89-1	24883470	23897314	24496721	24425835	2.03	cps
Yttrium	89-2	5829448	5725980	5744857	5766762	0.96	cps
Zinc	66-2	270177	265462	268811	268150	0.90	cps
Zirconium	90-1	187852	189969	189477	189099	0.59	cps
Zirconium	91-1	42150	43454	41893	42499	1.97	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12615906	12636428	12358893	12537076	1.23	cps
Antimony	121-1	18058	18085	18519	18221	1.42	cps
Arsenic	75-2	86305	86071	84811	85729	0.94	cps
Barium	135-1	697031	699028	698772	698277	0.16	cps
Barium	137-1	1199586	1216070	1217945	1211200	0.83	cps
Beryllium	9-1	2374	2240	2186	2267	4.26	cps
Bismuth	209-1	9525090	9536079	9509523	9523564	0.14	cps
Bismuth	209-2	7544641	7533944	7708286	7595624	1.29	cps
Bromine	81-1	13056	13420	13530	13335	1.86	cps
Bromine	81-2	557	617	620	598	5.96	cps
Cadmium	108-1	373	403	383	387	3.95	cps
Cadmium	106-1	5218	4851	4861	4976	4.20	cps
Cadmium	111-1	5401	5160	5204	5255	2.44	cps
Calcium	43-1	359933	366272	368828	365011	1.25	cps
Calcium	44-1	5628635	5683018	5601741	5637798	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	699687	698523	690229	696146	0.74	cps
Cobalt	59-2	503706	495859	494104	497890	1.03	cps
Copper	63-2	1171658	1153813	1156204	1160558	0.83	cps
Dysprosium	156-1	51400	51625	52076	51700	0.67	cps
Dysprosium	156-2	41147	40993	41989	41376	1.30	cps
Erbium	164-1	45741	46798	46163	46234	1.15	cps
Erbium	164-2	32047	31272	31131	31483	1.57	cps
Gadolinium	160-1	48076	48959	47815	48283	1.24	cps
Gadolinium	160-2	35408	35548	34710	35222	1.28	cps
Holmium	165-1	16248615	16182352	16141309	16190759	0.33	cps
Holmium	165-2	11205898	11183499	11049906	11146435	0.76	cps
Indium	115-1	14014995	14053285	13898576	13988952	0.58	cps
Indium	115-2	4558727	4568685	4611827	4579747	0.62	cps
Iron	56-2	500113379	490653793	489720979	493496050	1.17	cps
Iron	57-2	12122953	12219833	12026747	12123178	0.80	cps
Iron	54-2	27550651	27002513	26893237	27148800	1.30	cps
Krypton	83-1	500	430	473	468	7.55	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	300117	303654	302796	302189	0.61	cps
Lead	207-1	259231	258458	258904	258865	0.15	cps
Lead	208-1	1175504	1180438	1178884	1178275	0.21	cps
Lithium	6-1	2098069	2084934	2026028	2069677	1.85	cps
Magnesium	24-2	14929893	15125140	14897569	14984200	0.82	cps
Manganese	55-2	8280334	8188617	8186017	8218323	0.65	cps
Molybdenum	94-1	46952	47119	47504	47191	0.60	cps
Molybdenum	95-1	5734	5891	6005	5877	2.31	cps
Molybdenum	96-1	17564	17844	17704	17704	0.79	cps
Molybdenum	97-1	3590	3684	3670	3648	1.38	cps
Molybdenum	98-1	8826	9023	8823	8891	1.29	cps
Neodymium	150-1	85367	86238	85048	85551	0.72	cps
Neodymium	150-2	48854	48503	48493	48617	0.42	cps
Nickel	60-2	201077	200207	197736	199674	0.87	cps
Phosphorus	31-2	26623	26673	26072	26456	1.26	cps
Potassium	39-2	3275263	3264681	3184442	3241462	1.53	cps
Rhodium	103-1	13709944	13773965	13676906	13720272	0.36	cps
Rhodium	103-2	8241185	8302013	8336419	8293206	0.58	cps
Scandium	45-1	10627811	10731052	10615339	10658067	0.60	cps
Scandium	45-2	939329	931541	926413	932428	0.70	cps
Selenium	82-1	649	764	711	708	8.13	cps
Selenium	77-2	173	217	203	198	11.22	cps
Selenium	78-2	550	720	627	632	13.47	cps
Silicon	28-1	42902048	43453853	43027253	43127718	0.67	cps
Silver	107-1	2080	2244	2254	2192	4.44	cps
Silver	109-1	1920	1903	2210	2011	8.58	cps
Sodium	23-2	218758	221339	219799	219965	0.59	cps
Strontium	86-1	209297	213525	212827	211883	1.07	cps
Strontium	88-1	1846181	1910209	1854103	1870164	1.87	cps
Sulfur	34-1	256125	255203	254093	255140	0.40	cps
Terbium	159-1	17216387	17016956	16942863	17058735	0.83	cps
Terbium	159-2	11171977	11246954	11296093	11238341	0.56	cps
Thallium	203-1	1373	1400	1417	1397	1.57	cps
Thallium	205-1	3077	3220	3364	3220	4.45	cps
Tin	118-1	30051	30459	29327	29946	1.92	cps
Titanium	47-1	2234053	2238091	2221443	2231196	0.39	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-03	Instrumnet Name :	P7
Client Sample ID :	MYDA21	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:22:32	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16584	17041	17191	16939	1.87	cps
Vanadium	51-2	1213204	1214913	1199250	1209122	0.71	cps
Yttrium	89-1	24065583	24303315	24329202	24232700	0.60	cps
Yttrium	89-2	5764876	5868035	5784096	5805669	0.94	cps
Zinc	66-2	178996	181769	179380	180048	0.83	cps
Zirconium	90-1	120725	122828	122415	121989	0.91	cps
Zirconium	91-1	27900	27102	27543	27515	1.45	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12723910	12865973	12693855	12761246	0.72	cps
Antimony	121-1	13690	14074	14301	14021	2.20	cps
Arsenic	75-2	138069	137281	139195	138182	0.70	cps
Barium	135-1	883820	886788	883632	884746	0.20	cps
Barium	137-1	1517462	1648730	1518224	1561472	4.84	cps
Beryllium	9-1	2440	2480	2547	2489	2.18	cps
Bismuth	209-1	9590461	9497244	9501094	9529600	0.55	cps
Bismuth	209-2	7621874	7660294	7664914	7649027	0.31	cps
Bromine	81-1	13747	13697	13299	13581	1.80	cps
Bromine	81-2	770	723	700	731	4.88	cps
Cadmium	108-1	467	497	520	494	5.41	cps
Cadmium	106-1	5244	5184	5044	5158	1.99	cps
Cadmium	111-1	4821	4871	4757	4817	1.19	cps
Calcium	43-1	415571	423913	421845	420443	1.03	cps
Calcium	44-1	6257932	6447936	6460309	6388726	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	765669	762387	769817	765958	0.49	cps
Cobalt	59-2	602947	603831	607454	604744	0.39	cps
Copper	63-2	1152522	1155491	1157011	1155008	0.20	cps
Dysprosium	156-1	71565	72506	72432	72167	0.73	cps
Dysprosium	156-2	57628	58006	59121	58251	1.33	cps
Erbium	164-1	61200	62342	61833	61791	0.93	cps
Erbium	164-2	40709	41441	41916	41356	1.47	cps
Gadolinium	160-1	67873	68637	67153	67888	1.09	cps
Gadolinium	160-2	49775	50009	48300	49361	1.88	cps
Holmium	165-1	16424528	16213500	16193732	16277253	0.79	cps
Holmium	165-2	11298068	11176809	11177990	11217622	0.62	cps
Indium	115-1	14105898	13884272	14079815	14023328	0.86	cps
Indium	115-2	4599936	4556873	4576198	4577669	0.47	cps
Iron	56-2	630053204	643112124	627545671	633570333	1.32	cps
Iron	57-2	15611254	15516720	15403999	15510658	0.67	cps
Iron	54-2	35018500	34597599	34824048	34813383	0.61	cps
Krypton	83-1	483	460	473	472	2.48	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	180113	180884	178249	179749	0.75	cps
Lead	207-1	147498	148266	145476	147080	0.98	cps
Lead	208-1	684183	692228	687841	688084	0.59	cps
Lithium	6-1	2067834	1997240	2027464	2030846	1.74	cps
Magnesium	24-2	13356426	13347382	13271113	13324973	0.35	cps
Manganese	55-2	11483191	11538707	11390314	11470737	0.65	cps
Molybdenum	94-1	35272	35169	35824	35422	0.99	cps
Molybdenum	95-1	7575	7919	7469	7654	3.07	cps
Molybdenum	96-1	19016	18388	18201	18535	2.30	cps
Molybdenum	97-1	4881	4527	4587	4665	4.05	cps
Molybdenum	98-1	11081	11618	11565	11421	2.59	cps
Neodymium	150-1	127854	129024	130370	129083	0.98	cps
Neodymium	150-2	72897	72820	72817	72845	0.06	cps
Nickel	60-2	224058	223103	221500	222887	0.58	cps
Phosphorus	31-2	50135	49928	49583	49882	0.56	cps
Potassium	39-2	3738102	3716777	3713483	3722787	0.36	cps
Rhodium	103-1	13838461	13642431	13841654	13774182	0.83	cps
Rhodium	103-2	8340612	8459550	8314435	8371532	0.92	cps
Scandium	45-1	10676664	10867072	10793148	10778961	0.89	cps
Scandium	45-2	946487	934617	934016	938373	0.75	cps
Selenium	82-1	647	777	730	718	9.15	cps
Selenium	77-2	350	320	313	328	5.96	cps
Selenium	78-2	627	653	587	622	5.39	cps
Silicon	28-1	39737422	40312338	40812355	40287372	1.34	cps
Silver	107-1	1620	1583	1587	1597	1.27	cps
Silver	109-1	1313	1590	1557	1487	10.16	cps
Sodium	23-2	206181	206590	206681	206484	0.13	cps
Strontium	86-1	232967	235085	232468	233507	0.59	cps
Strontium	88-1	2053953	2077986	2079171	2070370	0.69	cps
Sulfur	34-1	265052	260931	260223	262069	1.00	cps
Terbium	159-1	17010272	16819986	16623034	16817764	1.15	cps
Terbium	159-2	11163697	11130874	11148412	11147661	0.15	cps
Thallium	203-1	1417	1353	1413	1395	2.56	cps
Thallium	205-1	3360	3581	3684	3542	4.66	cps
Tin	118-1	24825	24634	24294	24584	1.09	cps
Titanium	47-1	1625398	1660623	1649240	1645087	1.09	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-04	Instrumnet Name :	P7
Client Sample ID :	MYDA22	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:25:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29820	29459	28868	29382	1.64	cps
Vanadium	51-2	1455137	1447451	1465891	1456160	0.64	cps
Yttrium	89-1	24723841	24944733	24392470	24687015	1.13	cps
Yttrium	89-2	5980470	5803675	5900949	5895031	1.50	cps
Zinc	66-2	188656	191343	189294	189764	0.74	cps
Zirconium	90-1	85745	85591	86275	85870	0.42	cps
Zirconium	91-1	19597	19420	19897	19638	1.23	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7092908	7095577	7010792	7066426	0.68	cps
Antimony	121-1	24648	24975	24701	24775	0.71	cps
Arsenic	75-2	141369	142150	139858	141126	0.83	cps
Barium	135-1	1130892	1133142	1136867	1133634	0.27	cps
Barium	137-1	2101444	2050668	2070618	2074243	1.23	cps
Beryllium	9-1	2263	2266	2382	2304	2.94	cps
Bismuth	209-1	9647610	9445547	9635914	9576357	1.18	cps
Bismuth	209-2	7743000	7650970	7488865	7627612	1.69	cps
Bromine	81-1	11985	12652	11935	12191	3.28	cps
Bromine	81-2	410	360	377	382	6.66	cps
Cadmium	108-1	320	270	273	288	9.71	cps
Cadmium	106-1	4918	4731	4988	4879	2.72	cps
Cadmium	111-1	4798	4893	4900	4864	1.17	cps
Calcium	43-1	320946	321309	320439	320898	0.14	cps
Calcium	44-1	4979022	4998054	4863798	4946958	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	362981	365004	360141	362709	0.67	cps
Cobalt	59-2	333464	334471	331597	333177	0.44	cps
Copper	63-2	740616	736824	730846	736095	0.67	cps
Dysprosium	156-1	46360	46523	46028	46304	0.54	cps
Dysprosium	156-2	37229	37654	37650	37511	0.65	cps
Erbium	164-1	38466	38710	38128	38435	0.76	cps
Erbium	164-2	25941	26178	26318	26146	0.73	cps
Gadolinium	160-1	43969	43247	43601	43605	0.83	cps
Gadolinium	160-2	31886	31358	31502	31582	0.86	cps
Holmium	165-1	16334722	16201700	16015779	16184067	0.99	cps
Holmium	165-2	11136033	11179172	11049544	11121583	0.59	cps
Indium	115-1	13913780	13983224	13838026	13911677	0.52	cps
Indium	115-2	4619988	4602068	4587026	4603027	0.36	cps
Iron	56-2	404641727	401740087	393414314	399932043	1.46	cps
Iron	57-2	9744588	9869346	9683344	9765759	0.97	cps
Iron	54-2	22227607	21707642	21675513	21870254	1.42	cps
Krypton	83-1	357	480	403	413	15.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	232418	233592	232719	232909	0.26	cps
Lead	207-1	193162	193975	194369	193835	0.32	cps
Lead	208-1	886566	896290	890980	891279	0.55	cps
Lithium	6-1	2059241	2096773	2094223	2083412	1.01	cps
Magnesium	24-2	6879387	6881469	6715723	6825527	1.39	cps
Manganese	55-2	12235776	12173666	11894384	12101275	1.50	cps
Molybdenum	94-1	55163	56298	55849	55770	1.02	cps
Molybdenum	95-1	10080	10060	10344	10161	1.56	cps
Molybdenum	96-1	21810	22971	22758	22513	2.75	cps
Molybdenum	97-1	6008	6231	6361	6200	2.88	cps
Molybdenum	98-1	15101	15341	15879	15440	2.58	cps
Neodymium	150-1	86852	87935	86221	87003	1.00	cps
Neodymium	150-2	48697	49965	49018	49227	1.34	cps
Nickel	60-2	102430	99554	100075	100686	1.52	cps
Phosphorus	31-2	28089	27862	28103	28018	0.48	cps
Potassium	39-2	3850127	3818531	3772452	3813703	1.02	cps
Rhodium	103-1	13865094	13923747	13665432	13818091	0.98	cps
Rhodium	103-2	8334226	8305189	8322716	8320710	0.18	cps
Scandium	45-1	10302252	10483635	10184156	10323348	1.46	cps
Scandium	45-2	902120	894277	881112	892503	1.19	cps
Selenium	82-1	690	625	712	676	6.74	cps
Selenium	77-2	183	213	280	226	21.94	cps
Selenium	78-2	590	580	557	576	2.97	cps
Silicon	28-1	24203620	23727973	23046323	23659305	2.46	cps
Silver	107-1	1530	1560	1487	1526	2.42	cps
Silver	109-1	1310	1267	1483	1353	8.47	cps
Sodium	23-2	218552	219164	218330	218682	0.20	cps
Strontium	86-1	245772	245191	244157	245040	0.33	cps
Strontium	88-1	2177913	2185767	2172396	2178692	0.31	cps
Sulfur	34-1	260322	256860	259752	258978	0.72	cps
Terbium	159-1	17081625	16797003	16854873	16911167	0.89	cps
Terbium	159-2	11019432	11132470	10953375	11035092	0.82	cps
Thallium	203-1	4724	4564	4511	4600	2.41	cps
Thallium	205-1	10631	10704	10578	10638	0.60	cps
Tin	118-1	22611	22992	22711	22771	0.87	cps
Titanium	47-1	1274670	1267368	1253407	1265148	0.85	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4294-05	Instrumnet Name :	P7
Client Sample ID :	MYDA23	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:28:48	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23130	22452	22526	22703	1.64	cps
Vanadium	51-2	801123	797406	793485	797338	0.48	cps
Yttrium	89-1	23871865	23822829	23845213	23846636	0.10	cps
Yttrium	89-2	5630499	5760605	5644486	5678530	1.26	cps
Zinc	66-2	172319	171304	169511	171044	0.83	cps
Zirconium	90-1	140441	138688	138768	139299	0.71	cps
Zirconium	91-1	30842	31307	30903	31017	0.81	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31107704	31604367	30944442	31218838	1.10	cps
Antimony	121-1	13226	13546	13440	13404	1.22	cps
Arsenic	75-2	293	373	300	322	13.78	cps
Barium	135-1	4601	4391	4371	4454	2.86	cps
Barium	137-1	7429	7926	7769	7708	3.30	cps
Beryllium	9-1	966	994	1163	1041	10.24	cps
Bismuth	209-1	9142150	9111327	9208935	9154137	0.55	cps
Bismuth	209-2	7296812	7286032	7507242	7363362	1.69	cps
Bromine	81-1	12018	12692	12315	12342	2.74	cps
Bromine	81-2	367	310	390	356	11.57	cps
Cadmium	108-1	1927	1870	1750	1849	4.88	cps
Cadmium	106-1	4191	4251	4294	4245	1.22	cps
Cadmium	111-1	3845	3833	3991	3890	2.26	cps
Calcium	43-1	4155358	4104879	4048820	4103019	1.30	cps
Calcium	44-1	65880094	66886942	66759881	66508972	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131245	129571	130916	130577	0.68	cps
Cobalt	59-2	12248	12278	11975	12167	1.38	cps
Copper	63-2	67789	67197	67270	67419	0.48	cps
Dysprosium	156-1	83	53	73	70	21.82	cps
Dysprosium	156-2	37	47	30	38	22.21	cps
Erbium	164-1	170	133	143	149	12.73	cps
Erbium	164-2	93	107	123	108	13.95	cps
Gadolinium	160-1	83	103	120	102	17.96	cps
Gadolinium	160-2	350	417	383	383	8.70	cps
Holmium	165-1	16251379	16013359	16122646	16129128	0.74	cps
Holmium	165-2	11361872	11132868	10877633	11124124	2.18	cps
Indium	115-1	13345846	13479373	13544390	13456536	0.75	cps
Indium	115-2	4481029	4425016	4471076	4459040	0.67	cps
Iron	56-2	541897139	534883925	533849899	536876988	0.82	cps
Iron	57-2	13231478	13121472	13216696	13189882	0.45	cps
Iron	54-2	29545181	29449705	29233861	29409583	0.54	cps
Krypton	83-1	307	373	320	333	10.58	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35974	35807	35991	35924	0.28	cps
Lead	207-1	27919	28283	27979	28060	0.70	cps
Lead	208-1	132679	132330	133001	132670	0.25	cps
Lithium	6-1	2087301	1943305	1970551	2000386	3.82	cps
Magnesium	24-2	59320521	59551762	59687691	59519991	0.31	cps
Manganese	55-2	36832	36240	36875	36649	0.97	cps
Molybdenum	94-1	7608241	7673782	7665587	7649203	0.47	cps
Molybdenum	95-1	13065928	13344295	13340509	13250244	1.20	cps
Molybdenum	96-1	14151986	14484608	14574020	14403538	1.54	cps
Molybdenum	97-1	8157223	8402091	8333423	8297579	1.52	cps
Molybdenum	98-1	20717966	21485861	21181043	21128290	1.83	cps
Neodymium	150-1	33	80	67	60	40.07	cps
Neodymium	150-2	40	43	37	40	8.32	cps
Nickel	60-2	16583	16609	16209	16467	1.36	cps
Phosphorus	31-2	1800373	1820981	1822433	1814595	0.68	cps
Potassium	39-2	70875376	70346504	69675602	70299161	0.86	cps
Rhodium	103-1	12967334	13220351	13076604	13088096	0.97	cps
Rhodium	103-2	7859265	7931164	7900724	7897051	0.46	cps
Scandium	45-1	9726599	9820535	9809996	9785710	0.53	cps
Scandium	45-2	866970	861409	863052	863810	0.33	cps
Selenium	82-1	657	562	637	619	8.06	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	367	467	423	419	11.97	cps
Silicon	28-1	515580	520862	520576	519006	0.57	cps
Silver	107-1	350	360	417	376	9.57	cps
Silver	109-1	310	283	303	299	4.64	cps
Sodium	23-2	102847735	103615282	102573302	103012106	0.52	cps
Strontium	86-1	152754	156293	154686	154578	1.15	cps
Strontium	88-1	1320580	1356780	1365898	1347752	1.78	cps
Sulfur	34-1	6580653	6567074	6554099	6567275	0.20	cps
Terbium	159-1	16448858	16871341	16774320	16698173	1.33	cps
Terbium	159-2	11000262	10982367	11001257	10994628	0.10	cps
Thallium	203-1	150	137	137	141	5.45	cps
Thallium	205-1	310	283	317	303	5.81	cps
Tin	118-1	3250	3460	3727	3479	6.87	cps
Titanium	47-1	4057588	4043745	4103818	4068384	0.77	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:31:58	DataFile Name :	090ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	513	583	527	541	6.87	cps
Vanadium	51-2	1043	983	1010	1012	2.97	cps
Yttrium	89-1	22726030	22876140	22925926	22842699	0.46	cps
Yttrium	89-2	5491084	5385170	5506783	5461012	1.21	cps
Zinc	66-2	13867	14073	13546	13829	1.92	cps
Zirconium	90-1	1290	1330	1500	1373	8.12	cps
Zirconium	91-1	303	280	290	291	4.02	cps

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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32151404	31680413	31753827	31861881	0.80	cps
Antimony	121-1	258093	260343	259334	259257	0.43	cps
Arsenic	75-2	15462	15582	15505	15516	0.39	cps
Barium	135-1	65399	65928	65349	65559	0.49	cps
Barium	137-1	112199	112829	112562	112530	0.28	cps
Beryllium	9-1	45047	46189	45590	45609	1.25	cps
Bismuth	209-1	9274264	9310040	9186313	9256872	0.69	cps
Bismuth	209-2	7301411	7269257	7338353	7303007	0.47	cps
Bromine	81-1	13126	13510	14060	13565	3.46	cps
Bromine	81-2	557	613	527	566	7.78	cps
Cadmium	108-1	6055	6168	5975	6066	1.60	cps
Cadmium	106-1	10074	10581	10310	10322	2.46	cps
Cadmium	111-1	67450	67133	68797	67793	1.30	cps
Calcium	43-1	4286291	4231003	4252129	4256474	0.66	cps
Calcium	44-1	68947426	68312492	69274672	68844863	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265937	264573	262979	264496	0.56	cps
Cobalt	59-2	210777	208907	209567	209750	0.45	cps
Copper	63-2	184924	184563	185272	184920	0.19	cps
Dysprosium	156-1	57	57	63	59	6.53	cps
Dysprosium	156-2	50	37	50	46	16.89	cps
Erbium	164-1	157	147	167	157	6.38	cps
Erbium	164-2	107	123	60	97	33.96	cps
Gadolinium	160-1	123	120	110	118	5.89	cps
Gadolinium	160-2	417	423	357	399	9.20	cps
Holmium	165-1	16367434	15968141	16077619	16137732	1.28	cps
Holmium	165-2	11076518	11126043	11168707	11123756	0.41	cps
Indium	115-1	13721058	13878244	13725006	13774769	0.65	cps
Indium	115-2	4566822	4533039	4525138	4541666	0.49	cps
Iron	56-2	542576885	541103699	540449979	541376854	0.20	cps
Iron	57-2	13398542	13429349	13303073	13376988	0.49	cps
Iron	54-2	30007079	29600269	29774805	29794051	0.68	cps
Krypton	83-1	427	350	347	374	12.09	cps

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LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	213419	216867	214052	214779	0.85	cps
Lead	207-1	180050	179269	178558	179292	0.42	cps
Lead	208-1	829820	831809	827362	829664	0.27	cps
Lithium	6-1	2025964	2019985	1969683	2005211	1.54	cps
Magnesium	24-2	60087957	59504047	59888559	59826855	0.50	cps
Manganese	55-2	126550	126469	127020	126680	0.23	cps
Molybdenum	94-1	7828419	7866160	7691379	7795319	1.18	cps
Molybdenum	95-1	13575149	13659377	13559775	13598100	0.39	cps
Molybdenum	96-1	14665533	14678055	14739650	14694413	0.27	cps
Molybdenum	97-1	8400761	8506799	8469741	8459100	0.64	cps
Molybdenum	98-1	21286253	21757745	21586174	21543391	1.11	cps
Neodymium	150-1	67	77	53	66	17.86	cps
Neodymium	150-2	43	37	47	42	12.06	cps
Nickel	60-2	64635	63417	63698	63917	1.00	cps
Phosphorus	31-2	1901866	1857827	1865393	1875028	1.26	cps
Potassium	39-2	72847441	72522914	71505294	72291883	0.97	cps
Rhodium	103-1	13346604	13293109	13314040	13317918	0.20	cps
Rhodium	103-2	8124318	8035434	7931726	8030493	1.20	cps
Scandium	45-1	10121149	10029413	10007888	10052817	0.60	cps
Scandium	45-2	880969	871711	871119	874600	0.63	cps
Selenium	82-1	5015	5227	5279	5174	2.70	cps
Selenium	77-2	377	460	467	434	11.54	cps
Selenium	78-2	1727	1887	1727	1780	5.19	cps
Silicon	28-1	530167	534685	539683	534845	0.89	cps
Silver	107-1	308467	308494	314118	310360	1.05	cps
Silver	109-1	288250	290521	291812	290194	0.62	cps
Sodium	23-2	103930748	103604002	104471338	104002030	0.42	cps
Strontium	86-1	156499	159237	159109	158282	0.98	cps
Strontium	88-1	1366265	1385400	1370723	1374129	0.73	cps
Sulfur	34-1	6663361	6704674	6748164	6705400	0.63	cps
Terbium	159-1	16836209	16908538	16799726	16848158	0.33	cps
Terbium	159-2	11263045	11201006	11342716	11268922	0.63	cps
Thallium	203-1	222550	221888	220185	221541	0.55	cps
Thallium	205-1	530765	522795	525807	526456	0.76	cps
Tin	118-1	3274	3437	3584	3432	4.52	cps
Titanium	47-1	4148206	4134846	4186261	4156438	0.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:35:01	DataFile Name :	091ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	597	547	480	541	10.82	cps
Vanadium	51-2	118930	119065	117826	118607	0.57	cps
Yttrium	89-1	23369944	23336116	23254525	23320195	0.25	cps
Yttrium	89-2	5569171	5537463	5461871	5522835	1.00	cps
Zinc	66-2	34627	35378	34757	34921	1.15	cps
Zirconium	90-1	1183	1353	1423	1320	9.35	cps
Zirconium	91-1	277	293	387	319	18.59	cps

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

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16714243	16981714	16588372	16761443	1.20	cps
Antimony	121-1	6177191	6290604	6290531	6252775	1.05	cps
Arsenic	75-2	366507	363891	362842	364413	0.52	cps
Barium	135-1	7998734	8110335	8195200	8101423	1.22	cps
Barium	137-1	13939028	14158820	13855250	13984366	1.12	cps
Beryllium	9-1	1179839	1192319	1224847	1199002	1.94	cps
Bismuth	209-1	8925226	8987079	9020774	8977693	0.54	cps
Bismuth	209-2	7035517	7205447	7118890	7119952	1.19	cps
Bromine	81-1	11381	11675	10864	11307	3.63	cps
Bromine	81-2	133	160	120	138	14.78	cps
Cadmium	108-1	119205	121356	120418	120326	0.90	cps
Cadmium	106-1	172869	175466	176921	175085	1.17	cps
Cadmium	111-1	1657761	1674793	1607908	1646821	2.11	cps
Calcium	43-1	10872387	10745209	10786178	10801258	0.60	cps
Calcium	44-1	169075911	171260267	174700511	171678896	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3190608	3162304	3185386	3179433	0.47	cps
Cobalt	59-2	5034384	5102973	5064795	5067384	0.68	cps
Copper	63-2	35584951	35618173	35517919	35573681	0.14	cps
Dysprosium	156-1	303	263	230	266	13.83	cps
Dysprosium	156-2	473	347	473	431	16.96	cps
Erbium	164-1	360	310	367	346	8.96	cps
Erbium	164-2	230	283	223	246	13.39	cps
Gadolinium	160-1	317	350	313	327	6.21	cps
Gadolinium	160-2	500	507	470	492	3.97	cps
Holmium	165-1	15899629	15636807	15654421	15730285	0.93	cps
Holmium	165-2	11031339	10993060	11019748	11014716	0.18	cps
Indium	115-1	13099538	12994710	13417244	13170498	1.67	cps
Indium	115-2	4348458	4333144	4334603	4338735	0.19	cps
Iron	56-2	650087084	651856097	653982364	651975181	0.30	cps
Iron	57-2	16230211	16234934	16058041	16174395	0.62	cps
Iron	54-2	36280159	35680164	36329617	36096646	1.00	cps
Krypton	83-1	427	397	363	396	8.01	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21981181	21537498	21922692	21813791	1.11	cps
Lead	207-1	18967170	18764258	19278066	19003165	1.36	cps
Lead	208-1	85810944	86050089	87197625	86352886	0.86	cps
Lithium	6-1	2072773	2076877	2113551	2087734	1.08	cps
Magnesium	24-2	144162515	147196311	143900168	145086331	1.26	cps
Manganese	55-2	21944327	21831531	22142851	21972903	0.72	cps
Molybdenum	94-1	26962595	27099065	26753272	26938310	0.65	cps
Molybdenum	95-1	38592089	38907597	38876099	38791928	0.45	cps
Molybdenum	96-1	41838474	42084162	42169469	42030701	0.41	cps
Molybdenum	97-1	23960206	24048504	23864508	23957739	0.38	cps
Molybdenum	98-1	61344306	61872361	61980899	61732522	0.55	cps
Neodymium	150-1	450	403	390	414	7.60	cps
Neodymium	150-2	110	143	100	118	19.27	cps
Nickel	60-2	1257398	1250722	1247208	1251776	0.41	cps
Phosphorus	31-2	187203	187199	186602	187002	0.18	cps
Potassium	39-2	88766692	89281762	89562285	89203580	0.45	cps
Rhodium	103-1	12549044	12681701	12627592	12619446	0.53	cps
Rhodium	103-2	7533577	7597020	7619653	7583417	0.59	cps
Scandium	45-1	9897906	9768347	9929634	9865295	0.87	cps
Scandium	45-2	828438	829198	824451	827362	0.31	cps
Selenium	82-1	115425	115841	114876	115381	0.42	cps
Selenium	77-2	10367	10033	9903	10101	2.37	cps
Selenium	78-2	34544	33324	33662	33843	1.86	cps
Silicon	28-1	16486737	16634189	16409799	16510242	0.69	cps
Silver	107-1	8502879	8567422	8508886	8526396	0.42	cps
Silver	109-1	7923577	7994134	8070234	7995982	0.92	cps
Sodium	23-2	251512263	248906036	251082276	250500192	0.56	cps
Strontium	86-1	57543497	57069587	57846509	57486531	0.68	cps
Strontium	88-1	499978926	499678739	508574592	502744086	1.00	cps
Sulfur	34-1	924628	929139	933471	929079	0.48	cps
Terbium	159-1	16348101	16437442	16334863	16373469	0.34	cps
Terbium	159-2	10967251	10949732	10950427	10955803	0.09	cps
Thallium	203-1	5476428	5356529	5484362	5439106	1.32	cps
Thallium	205-1	13004023	12730016	12793803	12842614	1.12	cps
Tin	118-1	5216005	5283695	5388635	5296112	1.64	cps
Titanium	47-1	11661312	11422213	11306787	11463437	1.58	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:38:06	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17331237	17366187	17368263	17355229	0.12	cps
Vanadium	51-2	2867426	2848144	2841257	2852276	0.48	cps
Yttrium	89-1	23155344	22964317	22736887	22952183	0.91	cps
Yttrium	89-2	5309887	5325358	5294841	5310029	0.29	cps
Zinc	66-2	5384284	5398804	5386160	5389749	0.15	cps
Zirconium	90-1	12527553	12575252	12286359	12463055	1.24	cps
Zirconium	91-1	2737309	2742789	2778435	2752844	0.81	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217	1137	1293	1216	6.44	cps
Antimony	121-1	4384	4371	4934	4563	7.05	cps
Arsenic	75-2	27	37	3	22	76.99	cps
Barium	135-1	520	407	420	449	13.80	cps
Barium	137-1	993	853	783	877	12.20	cps
Beryllium	9-1	187	106	75	123	47.37	cps
Bismuth	209-1	9830236	9769007	9737643	9778962	0.48	cps
Bismuth	209-2	8018968	7992786	7939362	7983705	0.51	cps
Bromine	81-1	11158	11364	11161	11228	1.06	cps
Bromine	81-2	150	130	150	143	8.06	cps
Cadmium	108-1	30	43	17	30	44.43	cps
Cadmium	106-1	5044	4624	4647	4772	4.95	cps
Cadmium	111-1	3627	3310	3355	3430	5.00	cps
Calcium	43-1	1080	790	890	920	16.01	cps
Calcium	44-1	47535	45256	44146	45646	3.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1420	1603	1560	1528	6.27	cps
Cobalt	59-2	193	177	233	201	14.48	cps
Copper	63-2	4557	4177	4267	4334	4.58	cps
Dysprosium	156-1	13	27	23	21	32.88	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	123	80	117	107	21.88	cps
Erbium	164-2	87	80	63	77	15.68	cps
Gadolinium	160-1	77	77	57	70	16.49	cps
Gadolinium	160-2	357	357	350	354	1.09	cps
Holmium	165-1	16090354	16142605	15764510	15999156	1.28	cps
Holmium	165-2	11149186	11442337	11312079	11301201	1.30	cps
Indium	115-1	14122043	14163821	14275444	14187103	0.56	cps
Indium	115-2	4691616	4694663	4668542	4684940	0.30	cps
Iron	56-2	43978	43018	41995	42997	2.31	cps
Iron	57-2	2537	2507	2550	2531	0.88	cps
Iron	54-2	3897	3690	3474	3687	5.74	cps
Krypton	83-1	370	317	293	327	12.03	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2800	2394	2204	2466	12.36	cps
Lead	207-1	2324	2004	1930	2086	10.03	cps
Lead	208-1	10919	9495	8638	9684	11.90	cps
Lithium	6-1	2281064	2237308	2298571	2272314	1.39	cps
Magnesium	24-2	5374	5038	4944	5119	4.42	cps
Manganese	55-2	1223	1020	1073	1106	9.54	cps
Molybdenum	94-1	2864	2697	2577	2713	5.31	cps
Molybdenum	95-1	3077	2674	2504	2751	10.70	cps
Molybdenum	96-1	3590	2920	3027	3179	11.33	cps
Molybdenum	97-1	1937	1733	1677	1782	7.67	cps
Molybdenum	98-1	4924	4384	4181	4496	8.55	cps
Neodymium	150-1	13	7	23	14	58.06	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	303	380	313	332	12.55	cps
Phosphorus	31-2	227	277	250	251	9.96	cps
Potassium	39-2	96255	96886	95222	96121	0.87	cps
Rhodium	103-1	13924694	13697416	13937204	13853105	0.97	cps
Rhodium	103-2	8520483	8411757	8460339	8464193	0.64	cps
Scandium	45-1	10077986	9907898	9843644	9943176	1.22	cps
Scandium	45-2	836000	835002	845059	838687	0.66	cps
Selenium	82-1	457	607	646	570	17.48	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	403	377	403	394	3.90	cps
Silicon	28-1	380026	374194	374044	376088	0.91	cps
Silver	107-1	1343	953	883	1060	23.38	cps
Silver	109-1	1103	883	823	937	15.74	cps
Sodium	23-2	84534	82201	81648	82794	1.85	cps
Strontium	86-1	3230	2617	2477	2775	14.44	cps
Strontium	88-1	24504	19303	16232	20013	20.89	cps
Sulfur	34-1	295848	295929	300775	297517	0.95	cps
Terbium	159-1	16654917	16550085	16723829	16642944	0.53	cps
Terbium	159-2	11146271	11331412	11159227	11212303	0.92	cps
Thallium	203-1	873	830	633	779	16.42	cps
Thallium	205-1	2340	2084	1643	2022	17.42	cps
Tin	118-1	2747	3037	3190	2991	7.53	cps
Titanium	47-1	960	890	890	913	4.43	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 21:40:49	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	747	660	527	644	17.20	cps
Vanadium	51-2	100	83	80	88	12.21	cps
Yttrium	89-1	23162844	22833656	23658049	23218183	1.79	cps
Yttrium	89-2	5580077	5453932	5458415	5497475	1.30	cps
Zinc	66-2	2794	2770	2704	2756	1.70	cps
Zirconium	90-1	3117	2860	2867	2948	4.96	cps
Zirconium	91-1	650	673	690	671	2.99	cps

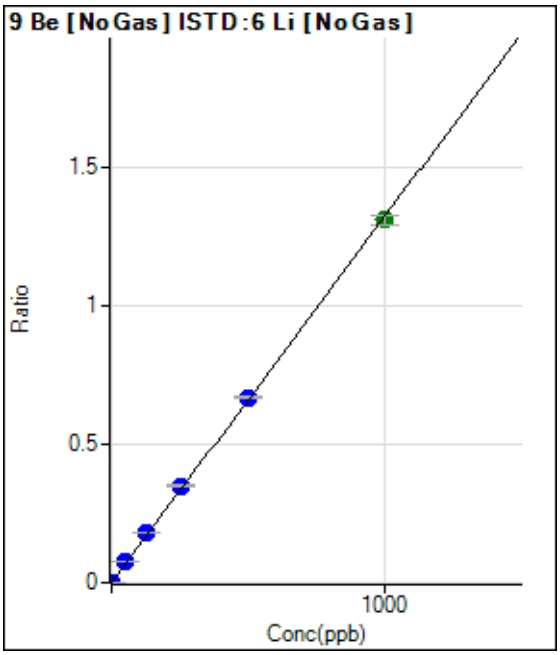
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

Calibration for 190LLCC.d

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

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

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



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

y = 0.0013 * x + 1.9748E-005

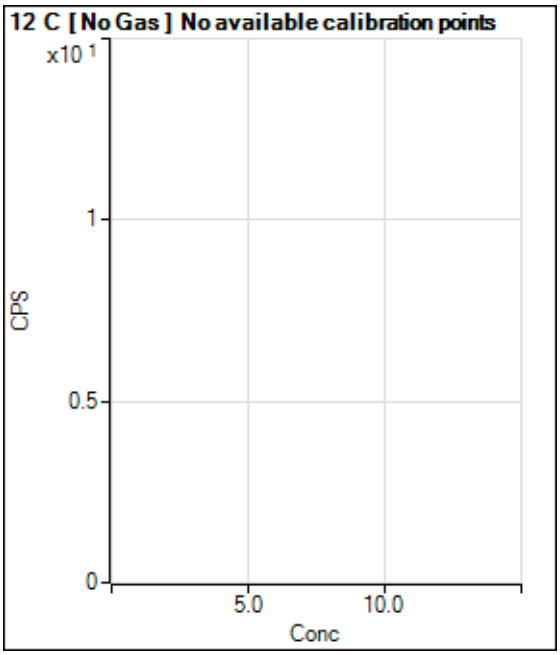
R = 0.9998

DL = 0.02316

BEC = 0.01497

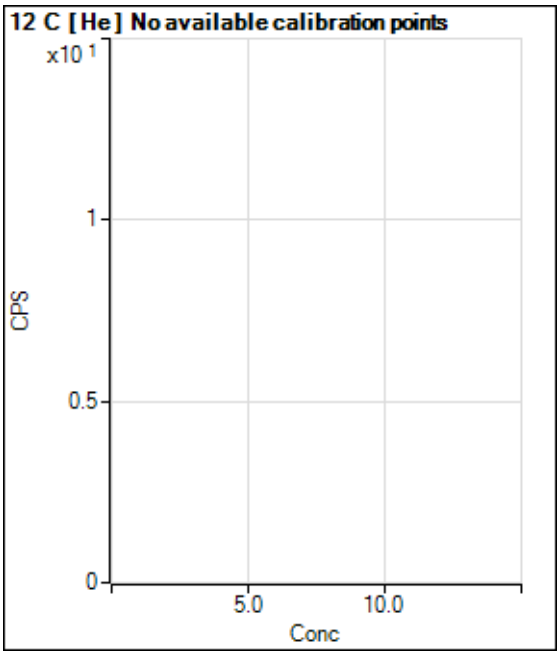
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Min Conc: 0

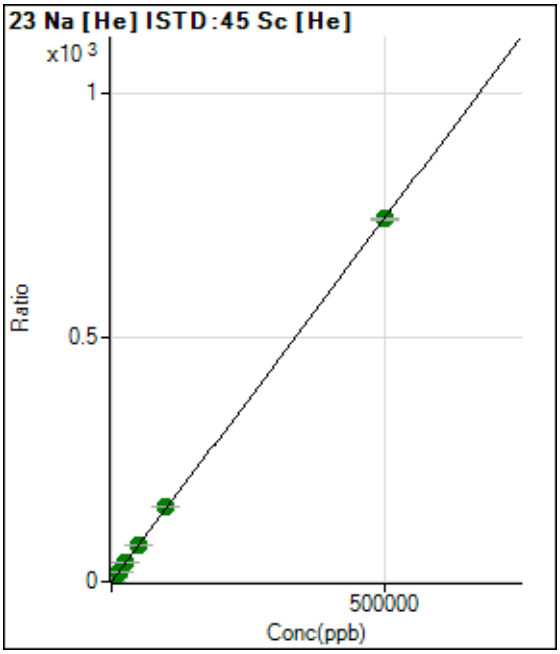


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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



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

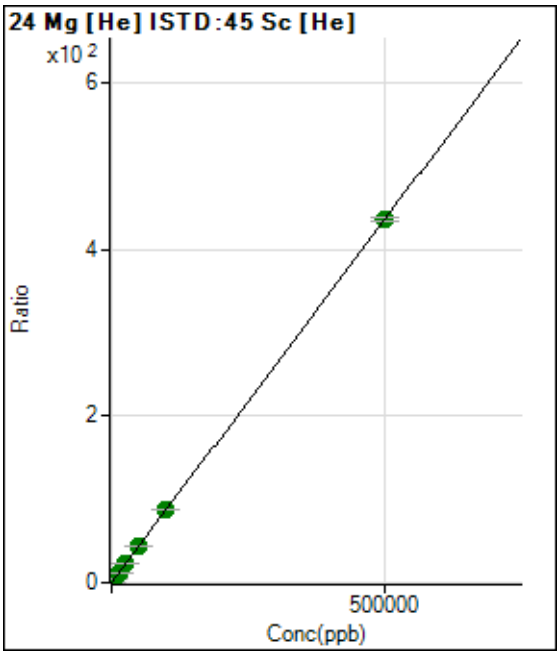


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46985.86	0.0702	P	0.1
2	☐	500.000	506.553	551014.09	0.8222	P	0.9
3	☐	5000.000	5270.588	5252302.35	7.8944	A	0.8
4	☐	12500.000	13189.611	12361017.18	19.6503	A	0.6
5	☐	25000.000	25855.171	24225686.03	38.4524	A	0.3
6	☐	50000.000	50621.145	47294169.85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

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

Weight: <None>
Min Conc: 0

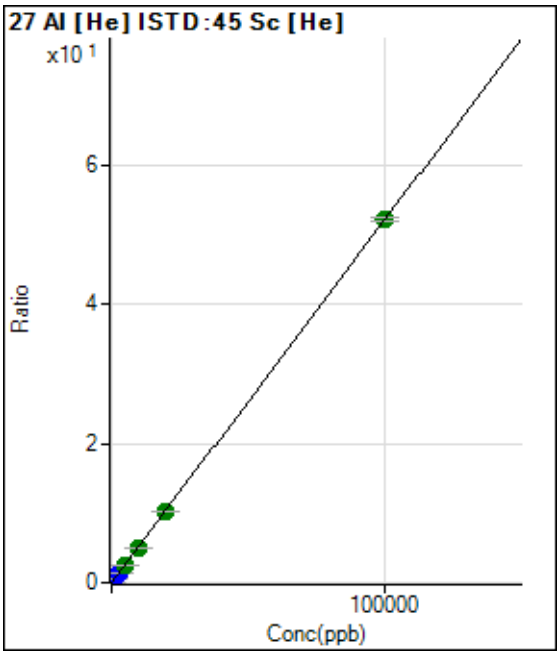
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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

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

Weight: <None>
Min Conc: 0

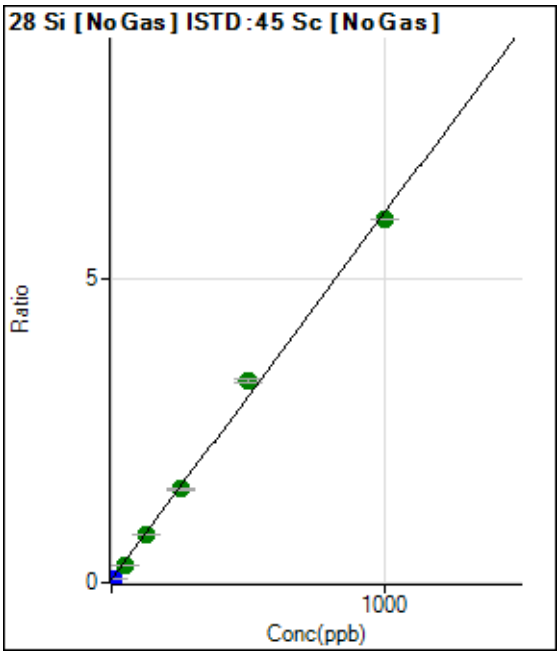


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.24	0.0009	P	3.0
2	☐	20.000	21.214	7979.91	0.0119	P	2.1
3	☐	1000.000	1110.459	385436.05	0.5794	P	0.5
4	☐	2500.000	2617.478	858339.61	1.3645	P	0.4
5	☐	5000.000	4947.293	1624362.72	2.5783	A	0.5
6	☐	10000.000	9737.590	3190275.20	5.0739	A	0.6
7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

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

Weight: <None>
Min Conc: 0

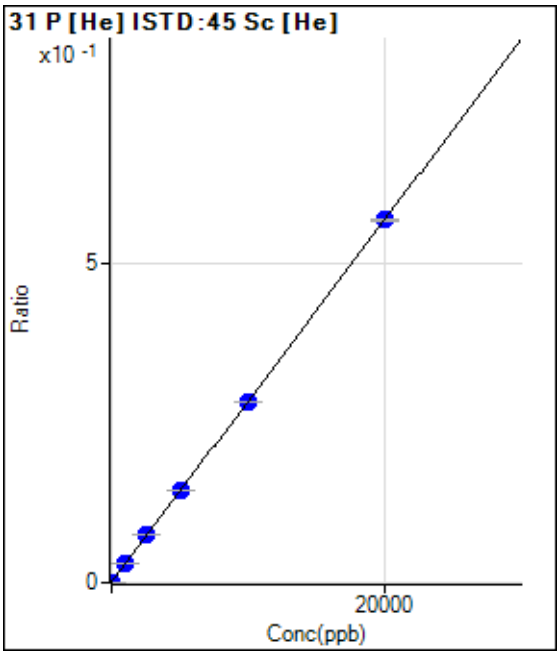
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374543.75	0.0525	P	0.4
2	☐	10.000	0.883	414276.99	0.0578	P	0.6
3	☐	50.000	38.884	2092808.44	0.2872	A	0.2
4	☐	125.000	121.186	5393913.77	0.7840	A	0.8
5	☐	250.000	248.095	10453567.76	1.5500	A	2.0
6	☐	500.000	541.593	22649912.44	3.3216	A	1.4
7	☐	1000.000	980.803	41262236.05	5.9727	A	0.1
8	☐			428611.54	0.0637	P	1.6

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

Weight: <None>
Min Conc: 0

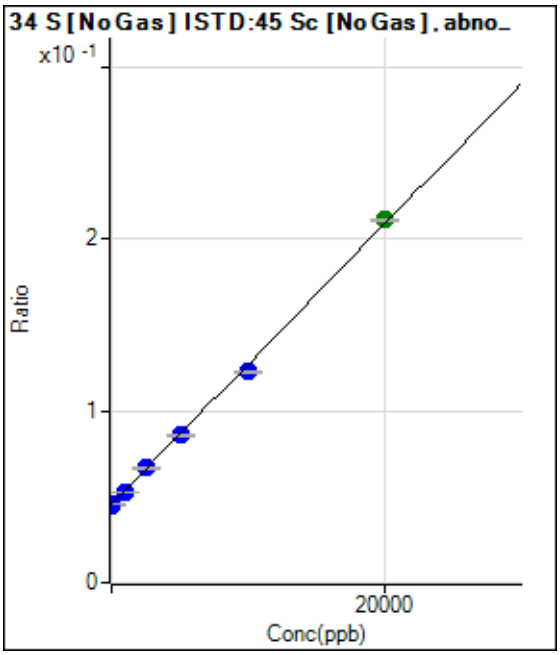


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-13.617	232.22	0.0003	P	2.4
2	☐	0.000	13.617	748.91	0.0011	P	7.6
3	☐	1000.000	1053.954	20321.32	0.0305	P	1.0
4	☐	2500.000	2612.295	46948.43	0.0746	P	1.1
5	☐	5000.000	5042.103	90323.11	0.1434	P	0.6
6	☐	10000.000	9931.302	177111.93	0.2817	P	0.2
7	☐	20000.000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

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

Weight: <None>
Min Conc: 0

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

y = 8.1502E-006 * x + 0.0455

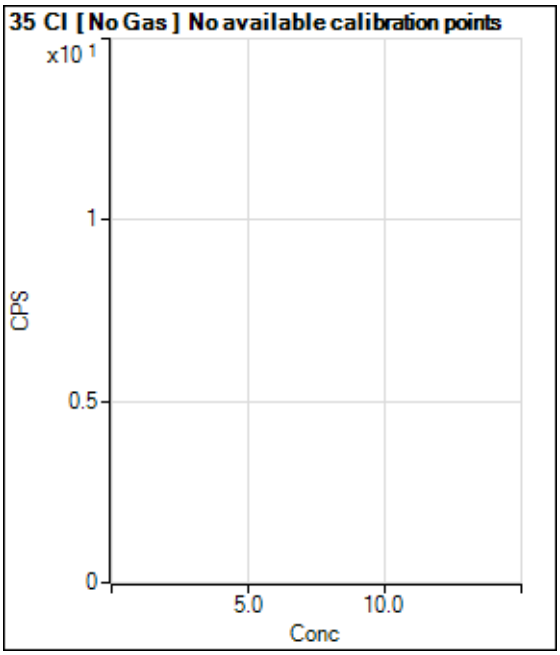
R = 0.9994

DL = 76.74

BEC = 5583

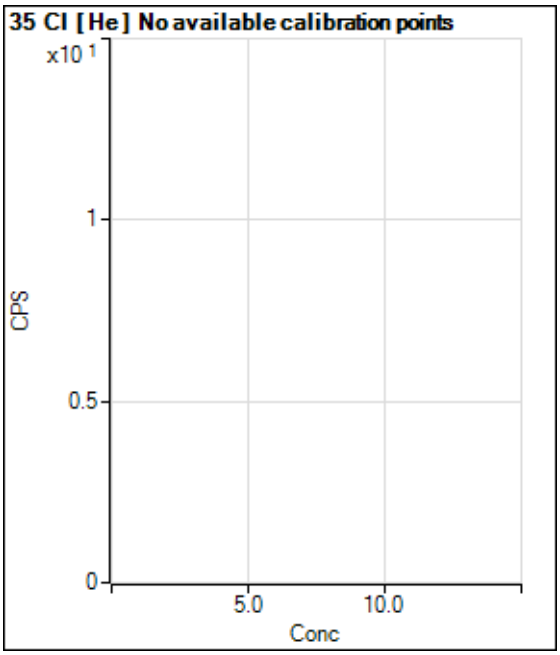
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Min Conc: 0

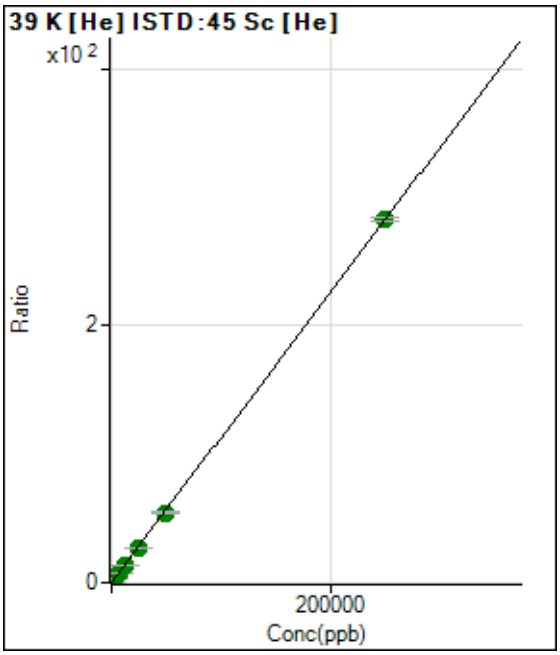


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

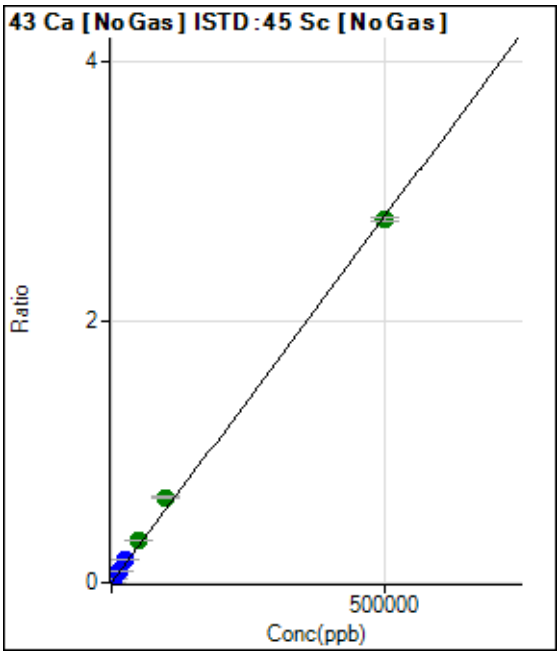


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93671.42	0.1399	P	0.5
2	☐	500.000	500.262	471859.22	0.7040	P	0.2
3	☐	2500.000	2527.523	1989102.35	2.9901	A	1.1
4	☐	6250.000	6261.560	4529791.08	7.2008	A	0.4
5	☐	12500.000	12212.273	8764321.75	13.9112	A	0.7
6	☐	25000.000	23941.294	17063618.08	27.1375	A	0.6
7	☐	50000.000	48337.591	34575503.10	54.6481	A	0.4
8	☐	250000.00	250452.17	179027090.66	282.5638	A	0.9

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

Weight: <None>
Min Conc: 0

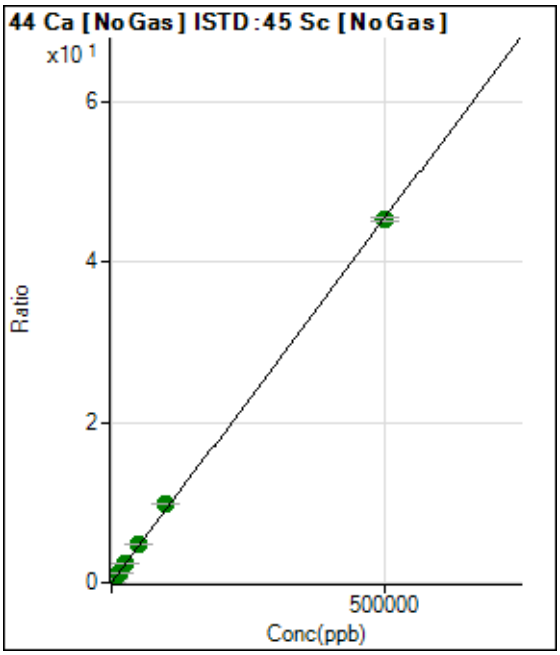
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.92	0.0001	P	3.3
2	☐	500.000	499.606	20792.12	0.0029	P	1.2
3	☐	5000.000	6254.044	256411.47	0.0352	P	0.6
4	☐	12500.000	15626.739	603937.16	0.0878	P	0.8
5	☐	25000.000	30858.908	1168459.07	0.1732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

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

Weight: <None>
Min Conc: 0

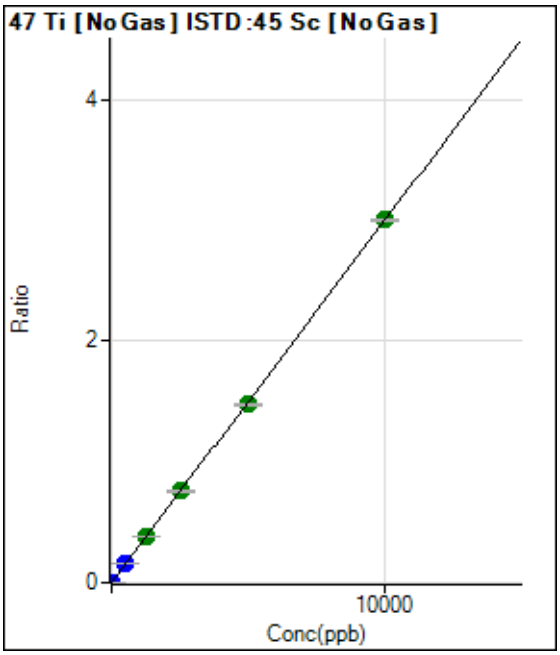


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31740.13	0.0044	P	0.2
2	☐	500.000	507.961	362601.78	0.0506	P	1.4
3	☐	5000.000	5549.579	3707986.47	0.5089	A	1.2
4	☐	12500.000	13798.624	8659627.51	1.2587	A	0.7
5	☐	25000.000	27322.004	16778624.47	2.4879	A	1.6
6	☐	50000.000	53092.550	32938018.12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

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

Weight: <None>
Min Conc: 0

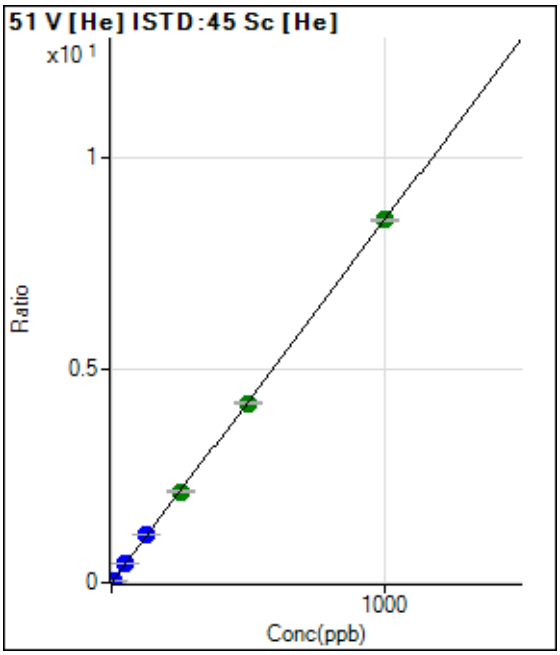
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0000	P	16.4
2	☐	5.000	4.437	9831.04	0.0014	P	2.7
3	☐	500.000	521.020	1138026.95	0.1562	P	0.5
4	☐	1250.000	1271.594	2622175.65	0.3811	A	1.3
5	☐	2500.000	2527.126	5108012.63	0.7574	A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

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

Weight: <None>
Min Conc: 0

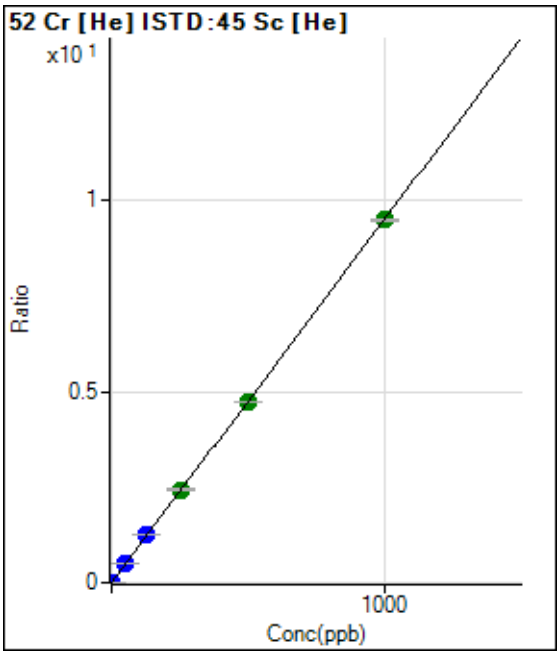


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0001	P	21.6
2	☐	5.000	4.906	28041.68	0.0418	P	2.1
3	☐	50.000	52.638	298292.01	0.4484	P	0.5
4	☐	125.000	131.486	704516.21	1.1200	P	0.4
5	☐	250.000	251.061	1347240.42	2.1384	A	1.1
6	☐	500.000	495.820	2655411.23	4.2231	A	0.6
7	☐	1000.000	1000.883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

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

Weight: <None>
Min Conc: 0

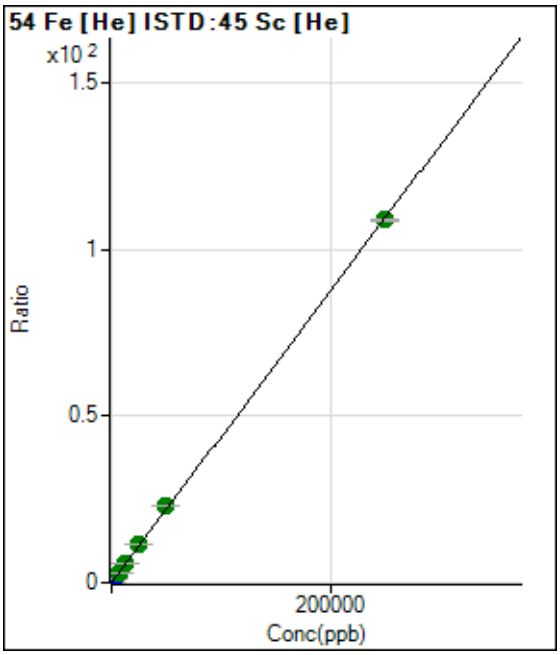
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1501.21	0.0022	P	7.7
2	☐	2.000	2.015	14348.05	0.0214	P	1.1
3	☐	50.000	53.290	338711.97	0.5091	P	0.2
4	☐	125.000	132.993	797161.33	1.2672	P	0.3
5	☐	250.000	255.775	1534179.44	2.4351	A	0.8
6	☐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

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

Weight: <None>
Min Conc: 0

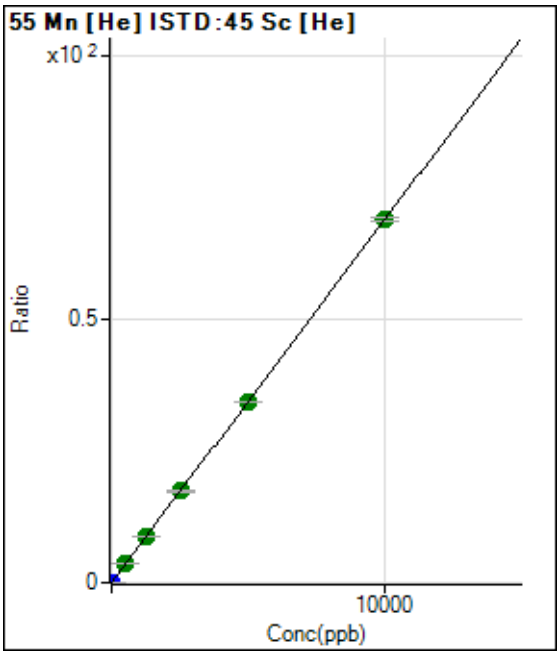


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3134.81	0.0047	P	3.2
2	☐	50.000	54.188	18983.19	0.0283	P	0.7
3	☐	2500.000	2884.254	840268.66	1.2631	P	0.6
4	☐	6250.000	6905.240	1898179.92	3.0174	A	0.8
5	☐	12500.000	13453.758	3701033.80	5.8745	A	0.1
6	☐	25000.000	26364.082	7235535.93	11.5072	A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

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

Weight: <None>
Min Conc: 0

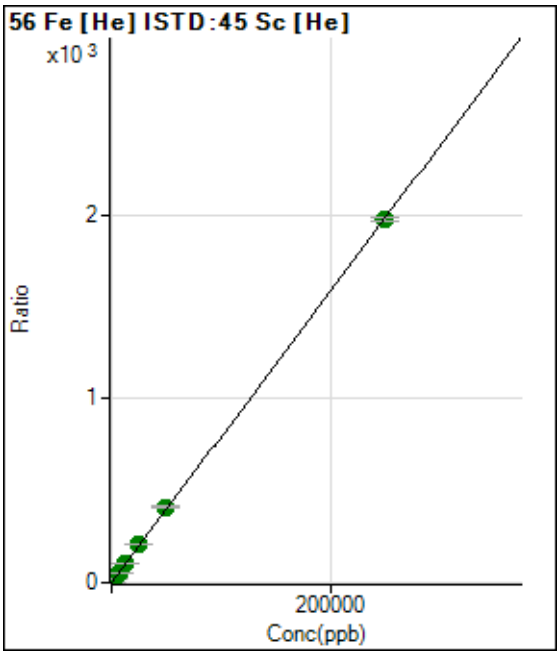
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	678.91	0.0010	P	7.9
2	☐	1.000	1.003	5302.11	0.0079	P	1.7
3	☐	500.000	519.920	2380176.86	3.5778	A	0.6
4	☐	1250.000	1294.965	5604871.72	8.9097	A	0.5
5	☐	2500.000	2522.832	10935222.48	17.3569	A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

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

Weight: <None>
Min Conc: 0

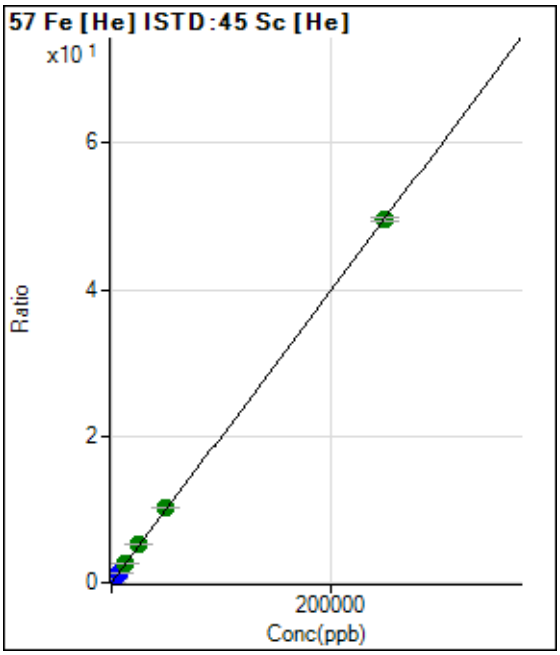


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26239.64	0.0392	P	1.2
2	☐	50.000	52.904	306862.58	0.4579	P	0.5
3	☐	2500.000	2692.385	14200704.79	21.3455	A	0.2
4	☐	6250.000	6758.191	33667432.28	53.5205	A	0.2
5	☐	12500.000	13229.691	65984527.35	104.7330	A	0.7
6	☐	25000.000	25949.824	129144460.30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

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

Weight: <None>
Min Conc: 0

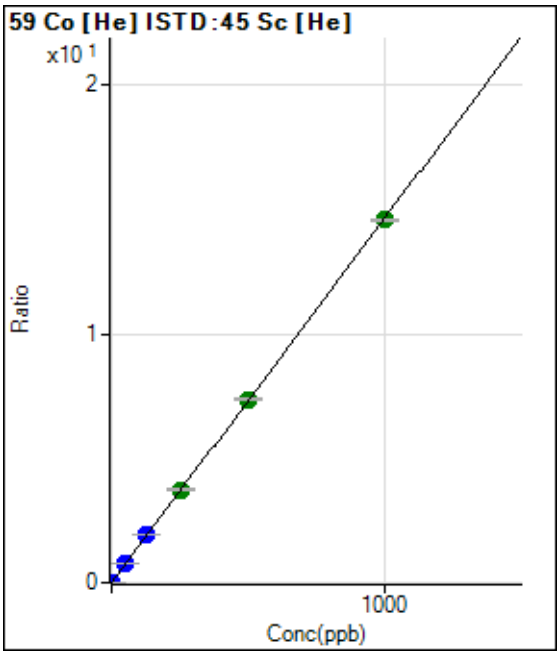
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2678.05	0.0040	P	3.9
2	☐	50.000	54.176	9888.89	0.0148	P	2.6
3	☐	2500.000	2825.737	375843.11	0.5650	P	0.7
4	☐	6250.000	7060.910	884276.14	1.4057	P	0.4
5	☐	12500.000	13214.283	1655251.57	2.6273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

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

Weight: <None>
Min Conc: 0

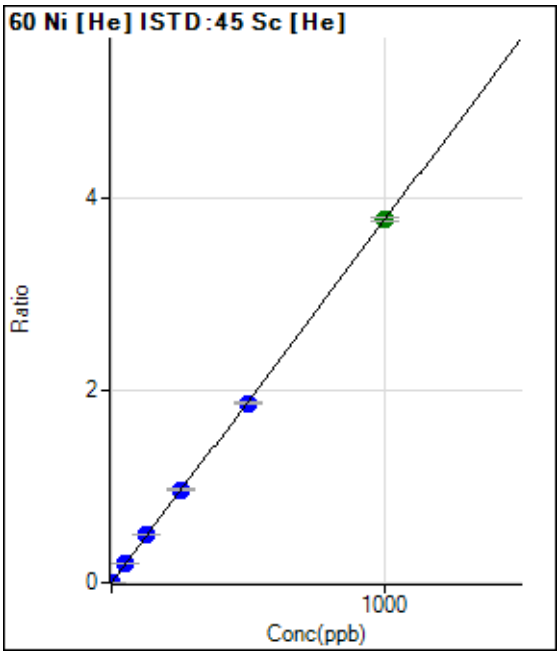


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0002	P	4.8
2	☐	1.000	1.028	10248.03	0.0153	P	1.3
3	☐	50.000	52.464	511423.95	0.7687	P	0.3
4	☐	125.000	131.521	1212066.28	1.9268	P	0.5
5	☐	250.000	254.861	2352165.75	3.7336	A	1.1
6	☐	500.000	503.289	4635517.99	7.3726	A	1.2
7	☐	1000.000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

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

Weight: <None>
Min Conc: 0

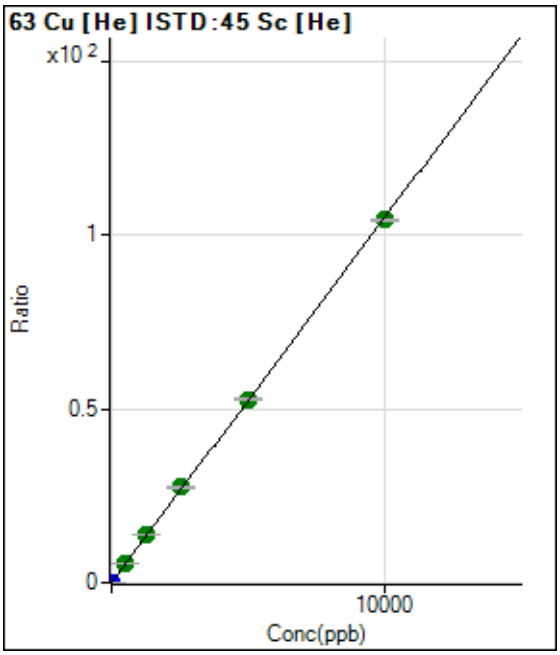
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.56	0.0004	P	11.1
2	☐	1.000	1.031	2885.86	0.0043	P	1.9
3	☐	50.000	52.796	132504.53	0.1992	P	0.5
4	☐	125.000	130.926	310308.27	0.4933	P	0.6
5	☐	250.000	255.516	606275.70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

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

Weight: <None>
Min Conc: 0

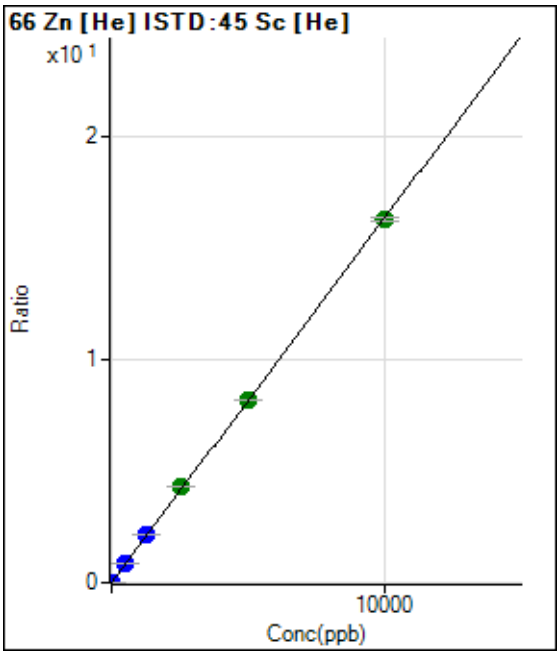


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2271.31	0.0034	P	3.8
2	☐	2.000	2.067	16790.62	0.0251	P	0.9
3	☐	500.000	531.740	3709447.55	5.5763	A	1.5
4	☐	1250.000	1318.880	8697642.51	13.8259	A	1.0
5	☐	2500.000	2609.582	17233154.61	27.3531	A	0.7
6	☐	5000.000	5033.367	33171450.62	52.7556	A	0.2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

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

Weight: <None>
Min Conc: 0

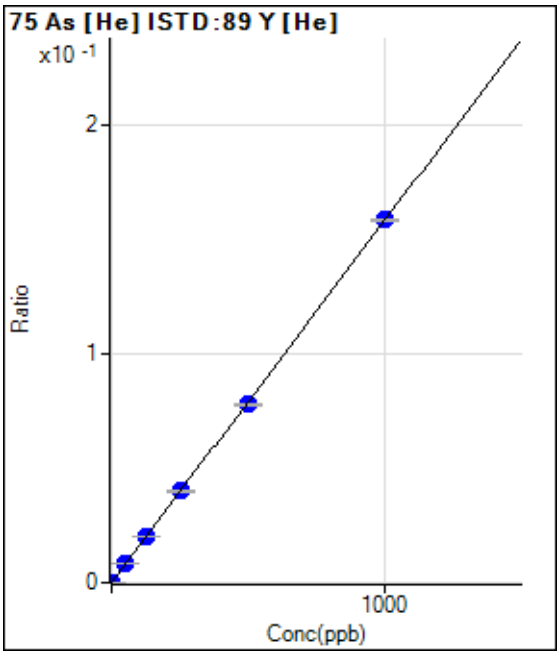
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1232.28	0.0018	P	4.5
2	☐	2.000	4.972	6673.77	0.0100	P	1.7
3	☐	500.000	531.909	578972.40	0.8703	P	0.3
4	☐	1250.000	1322.041	1358964.41	2.1603	P	0.2
5	☐	2500.000	2620.721	2696887.53	4.2806	A	0.1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

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

Weight: <None>
Min Conc: 0

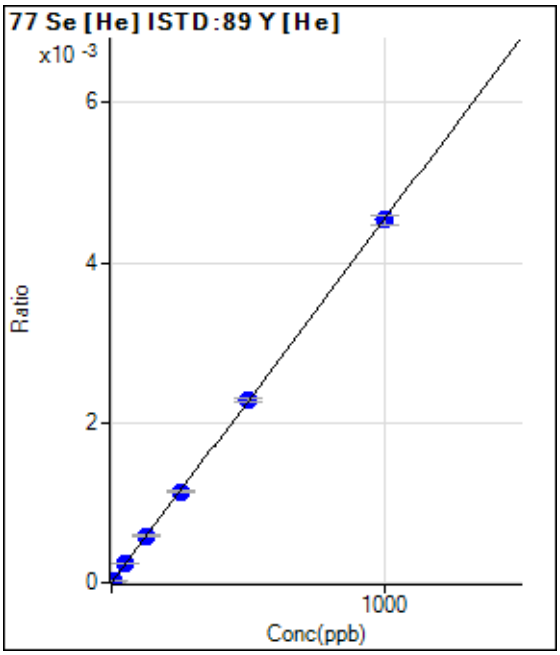


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.8
2	☐	1.000	1.000	763.36	0.0002	P	9.5
3	☐	50.000	53.061	39911.35	0.0084	P	1.3
4	☐	125.000	128.374	94000.63	0.0203	P	0.5
5	☐	250.000	252.446	184860.86	0.0400	P	0.7
6	☐	500.000	493.230	361395.24	0.0781	P	0.9
7	☐	1000.000	1002.199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

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

Weight: <None>
Min Conc: 0

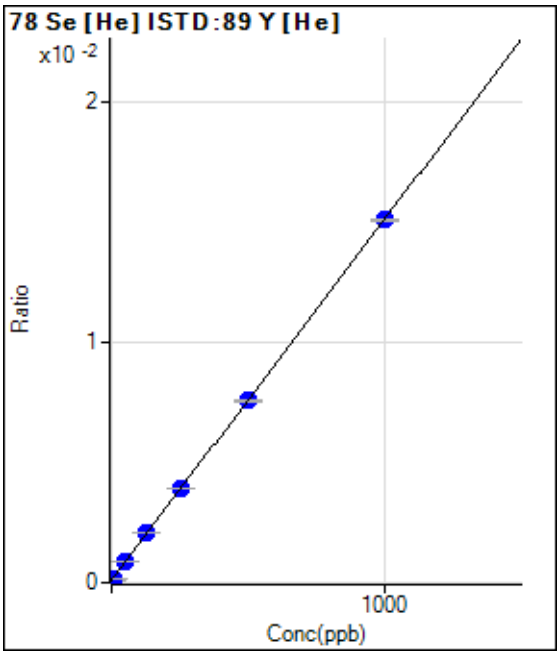
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.4
2	☐	5.000	4.912	111.11	0.0000	P	25.0
3	☐	50.000	53.427	1156.72	0.0002	P	4.8
4	☐	125.000	127.797	2686.93	0.0006	P	3.6
5	☐	250.000	250.433	5259.87	0.0011	P	2.5
6	☐	500.000	502.369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

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

Weight: <None>
Min Conc: 0

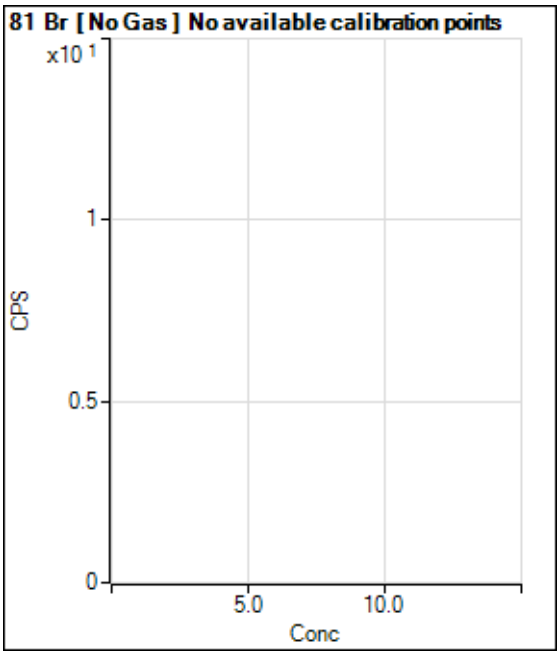


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0001	P	15.8
2	☐	5.000	4.293	767.81	0.0002	P	7.8
3	☐	50.000	53.964	4301.78	0.0009	P	1.5
4	☐	125.000	132.542	9630.98	0.0021	P	1.4
5	☐	250.000	253.944	18042.26	0.0039	P	0.9
6	☐	500.000	498.255	34991.22	0.0076	P	1.0
7	☐	1000.000	998.749	69660.49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

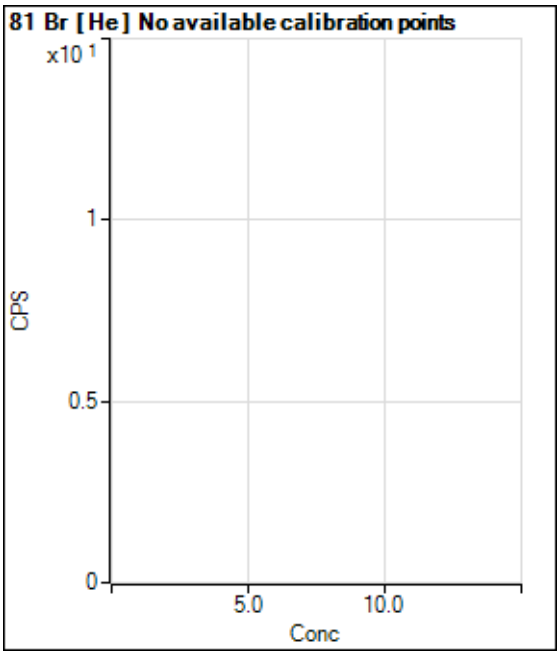
y = 1.4989E-005 * x + 9.7538E-005
R = 1.0000
DL = 3.089
BEC = 6.507

Weight: <None>
Min Conc: 0

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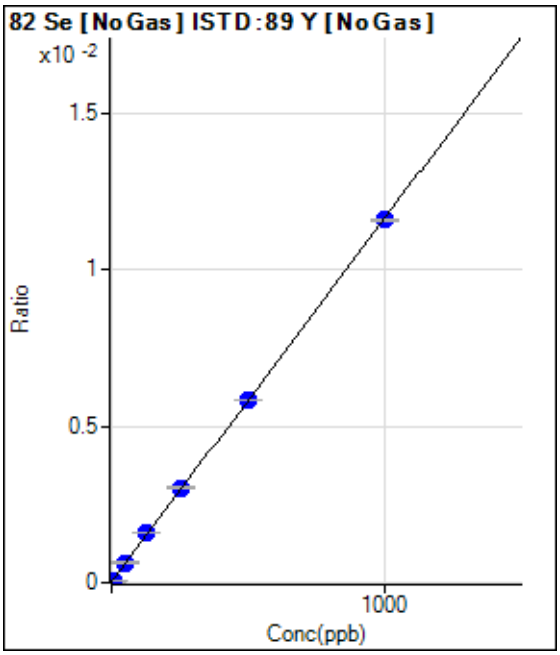


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11799.27		P	1.1
2	☐			11745.88		P	3.0
3	☐			10969.74		P	1.8
4	☐			11075.37		P	3.3
5	☐			10991.95		P	0.6
6	☐			11291.08		P	1.2
7	☐			11137.61		P	2.5
8	☐			11801.47		P	1.7



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

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

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

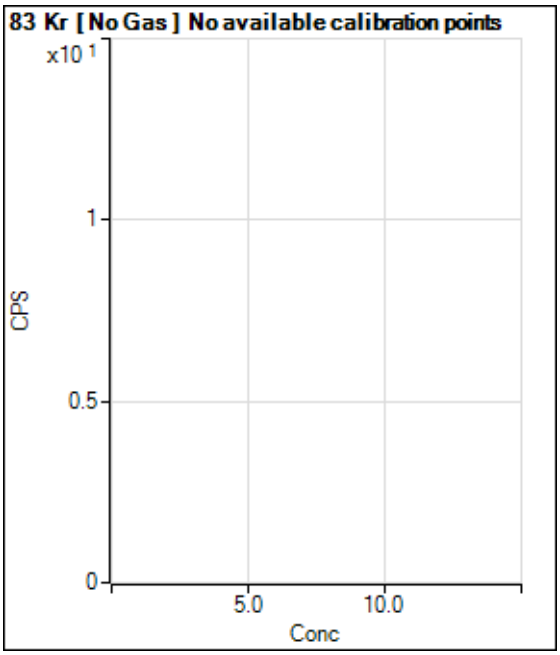
R = 0.9999

DL = 0.251

BEC = 2.337

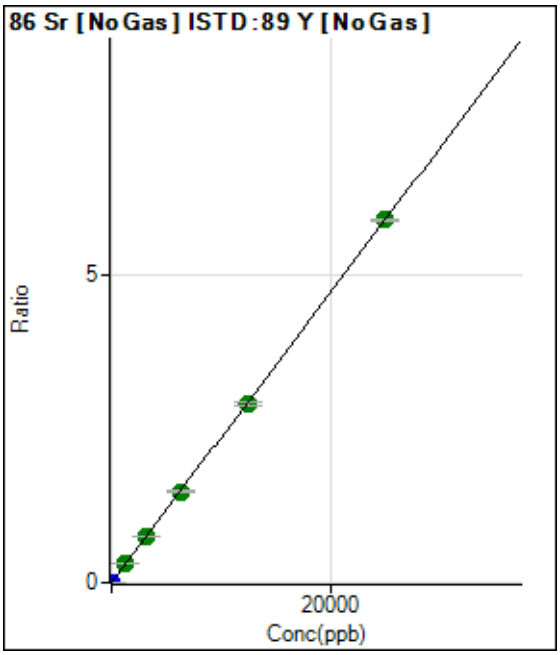
Weight: <None>

Min Conc: 0



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

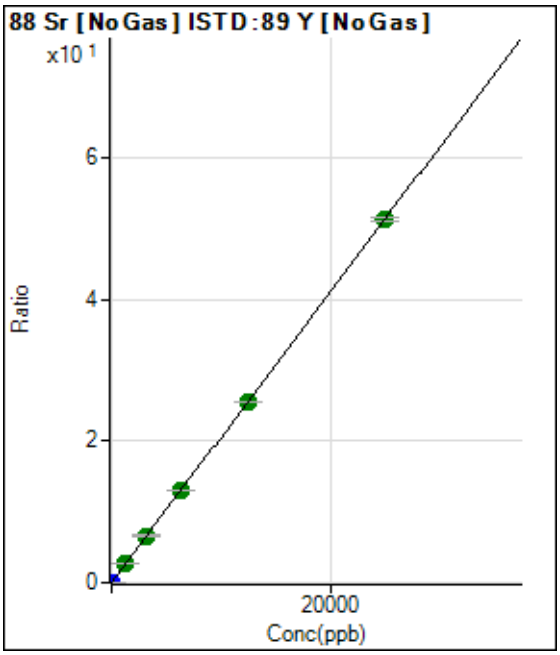
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	773.36	0.0000	P	4.3
2	☐	1.000	0.963	5015.35	0.0003	P	2.4
3	☐	1250.000	1285.430	5810160.96	0.3031	A	0.6
4	☐	3125.000	3191.557	13716604.24	0.7524	A	0.6
5	☐	6250.000	6291.294	27066775.15	1.4831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

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

Weight: <None>
Min Conc: 0

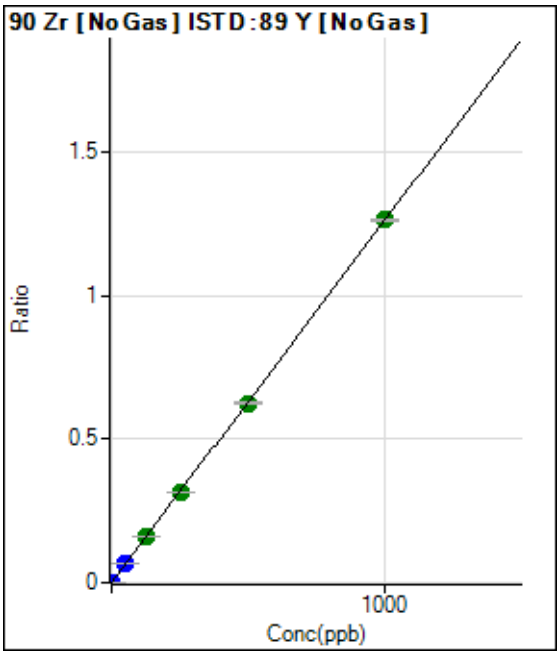


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2194.63	0.0001	P	5.9
2	☐	1.000	0.946	38442.38	0.0021	P	2.4
3	☐	1250.000	1289.451	50686827.58	2.6438	A	0.8
4	☐	3125.000	3236.771	120990011.53	6.6363	A	1.2
5	☐	6250.000	6357.667	237889689.79	13.0348	A	1.6
6	☐	12500.000	12423.877	469738428.56	25.4720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

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

Weight: <None>
Min Conc: 0

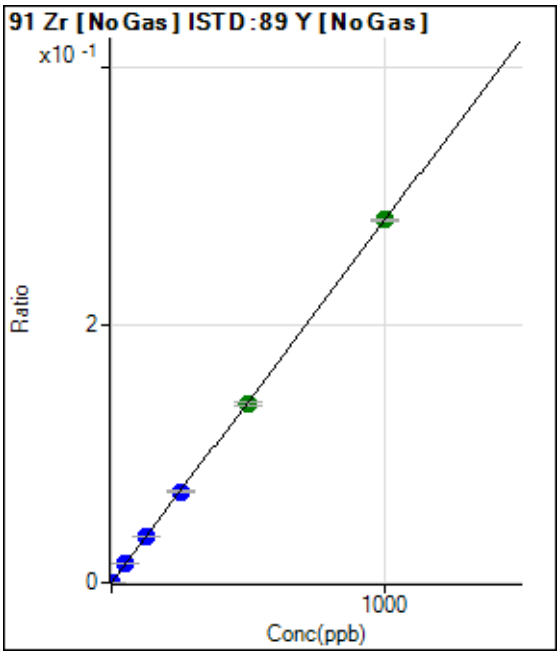
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	927.82	0.0000	P	7.2
2	☐	1.000	0.943	23172.82	0.0012	P	1.4
3	☐	50.000	51.064	1236011.02	0.0645	P	0.4
4	☐	125.000	127.423	2931494.99	0.1608	A	0.5
5	☐	250.000	250.420	5766424.64	0.3160	A	0.9
6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

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

Weight: <None>
Min Conc: 0

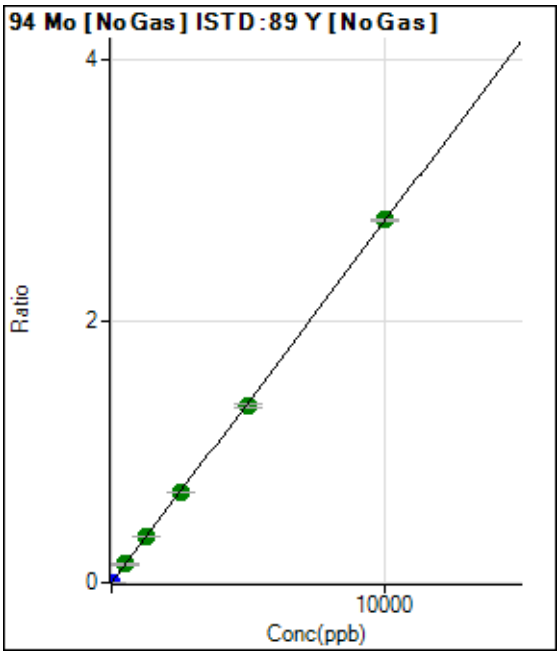


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.34	0.0000	P	16.2
2	☐	1.000	0.934	5124.27	0.0003	P	1.3
3	☐	50.000	51.053	275348.61	0.0144	P	0.4
4	☐	125.000	127.982	656056.06	0.0360	P	0.9
5	☐	250.000	251.941	1292640.87	0.0708	P	1.4
6	☐	500.000	494.577	2563854.79	0.1390	A	1.5
7	☐	1000.000	1001.801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

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

Weight: <None>
Min Conc: 0

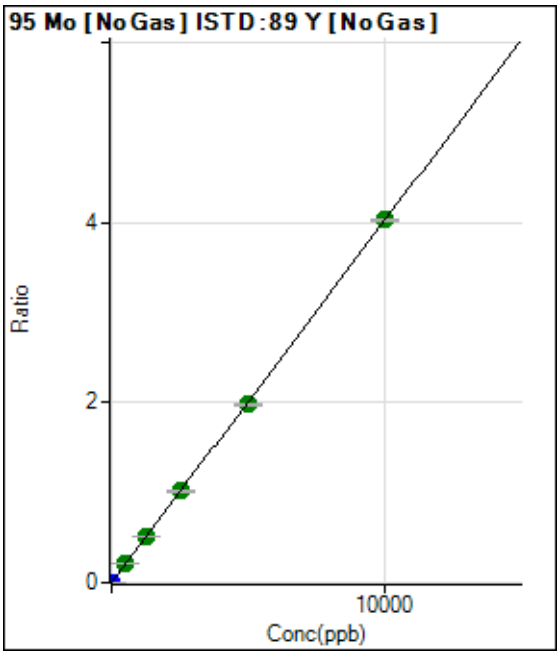
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	492.23	0.0000	P	7.3
2	☐	5.000	5.172	27196.43	0.0015	P	1.6
3	☐	500.000	507.789	2688785.84	0.1402	A	0.9
4	☐	1250.000	1275.622	6422106.36	0.3523	A	1.1
5	☐	2500.000	2498.461	12591740.37	0.6899	A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

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

Weight: <None>
Min Conc: 0

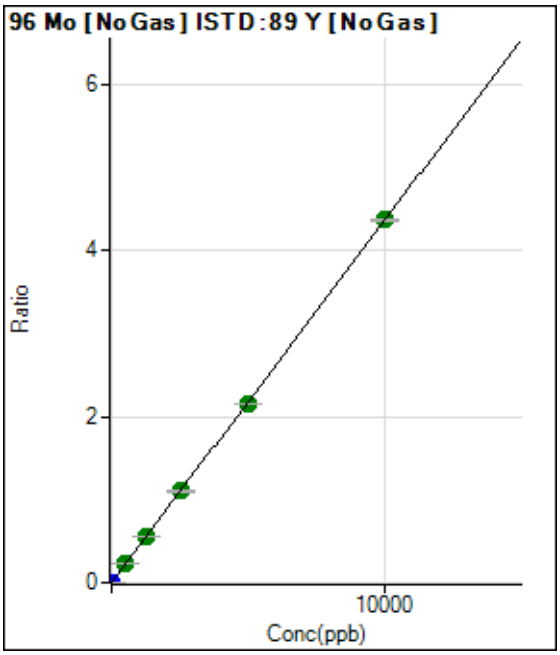


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0000	P	3.8
2	☐	5.000	4.289	32549.50	0.0017	P	1.2
3	☐	500.000	510.856	3939221.75	0.2055	A	1.1
4	☐	1250.000	1275.716	9353914.93	0.5131	A	0.9
5	☐	2500.000	2529.895	18569066.53	1.0175	A	1.6
6	☐	5000.000	4926.020	36534020.84	1.9811	A	0.5
7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

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

Weight: <None>
Min Conc: 0

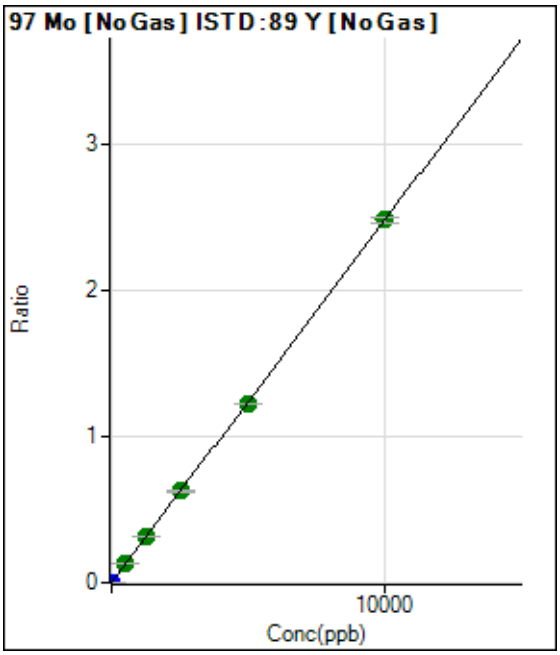
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0000	P	7.6
2	☐	5.000	4.383	36116.86	0.0019	P	1.6
3	☐	500.000	508.436	4249411.40	0.2217	A	1.5
4	☐	1250.000	1281.739	10186425.06	0.5587	A	0.2
5	☐	2500.000	2528.415	20115099.28	1.1022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

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

Weight: <None>
Min Conc: 0

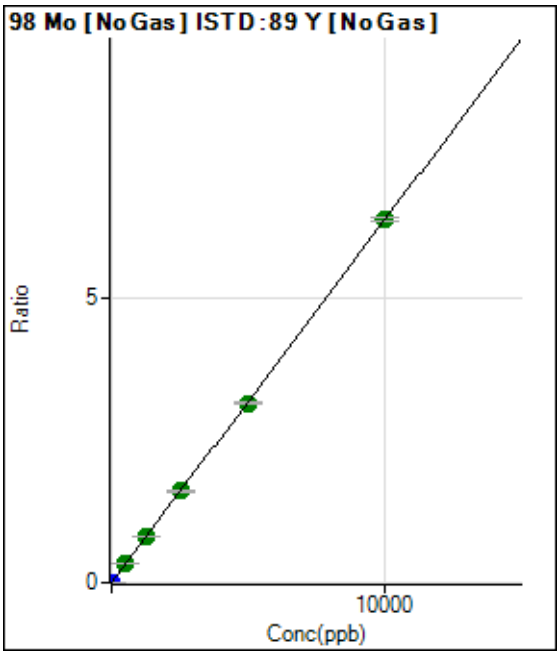


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	16.3
2	☐	5.000	4.314	20191.85	0.0011	P	1.1
3	☐	500.000	514.638	2447428.52	0.1277	A	0.8
4	☐	1250.000	1281.458	5794716.09	0.3178	A	0.5
5	☐	2500.000	2530.735	11455745.38	0.6277	A	1.3
6	☐	5000.000	4942.136	22605204.66	1.2258	A	0.6
7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

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

Weight: <None>
Min Conc: 0

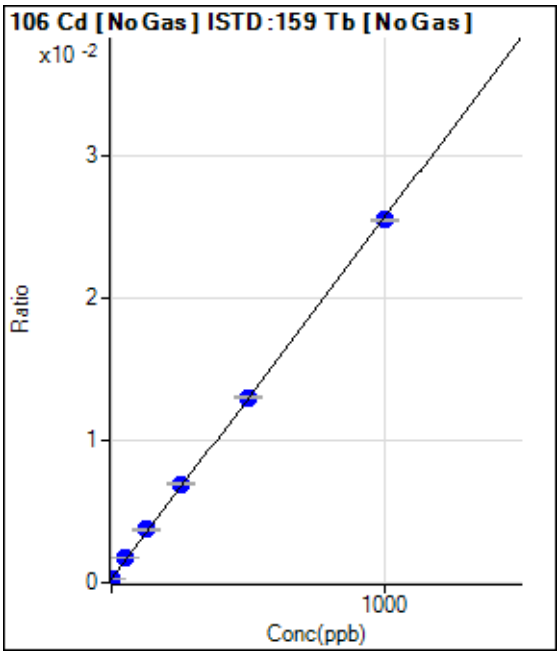
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.34	0.0000	P	6.9
2	☐	5.000	4.304	51574.05	0.0028	P	1.9
3	☐	500.000	510.505	6224443.10	0.3246	A	0.5
4	☐	1250.000	1270.288	14727049.64	0.8078	A	0.7
5	☐	2500.000	2528.951	29350013.17	1.6082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

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

Weight: <None>
Min Conc: 0

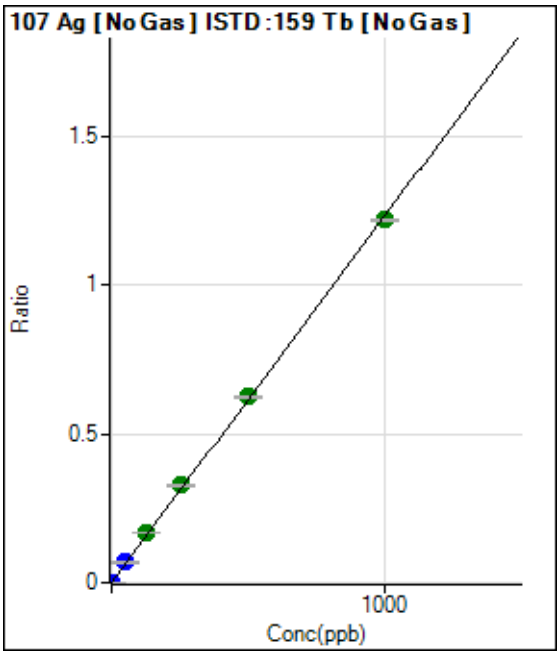


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3413.78	0.0003	P	0.9
2	☐	1.000	1.468	3926.12	0.0003	P	4.1
3	☐	50.000	56.446	21870.98	0.0017	P	0.4
4	☐	125.000	135.944	46843.09	0.0037	P	3.0
5	☐	250.000	261.931	88378.82	0.0069	P	1.4
6	☐	500.000	502.747	169644.61	0.0130	P	1.4
7	☐	1000.000	993.953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

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

Weight: <None>
Min Conc: 0

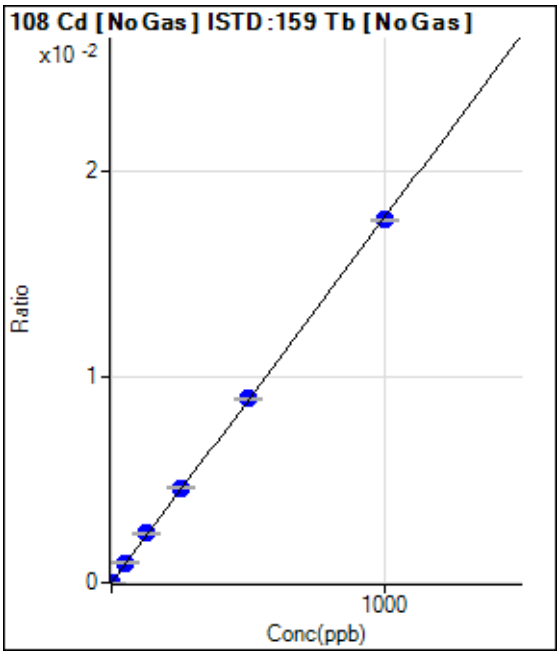
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	13.0
2	☐	1.000	0.982	14997.86	0.0012	P	3.1
3	☐	50.000	55.397	871171.58	0.0682	P	1.4
4	☐	125.000	137.761	2131838.18	0.1696	A	1.2
5	☐	250.000	265.810	4178851.36	0.3272	A	1.5
6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

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

Weight: <None>
Min Conc: 0

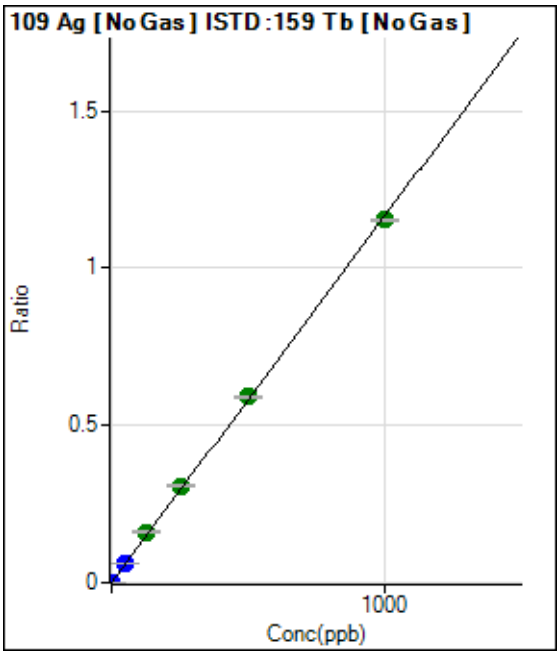


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	39.0
2	☐	1.000	0.953	226.67	0.0000	P	7.9
3	☐	50.000	55.226	12551.08	0.0010	P	1.3
4	☐	125.000	135.415	30254.87	0.0024	P	2.4
5	☐	250.000	259.901	58984.86	0.0046	P	1.5
6	☐	500.000	504.272	116711.71	0.0090	P	1.5
7	☐	1000.000	993.825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

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

Weight: <None>
Min Conc: 0

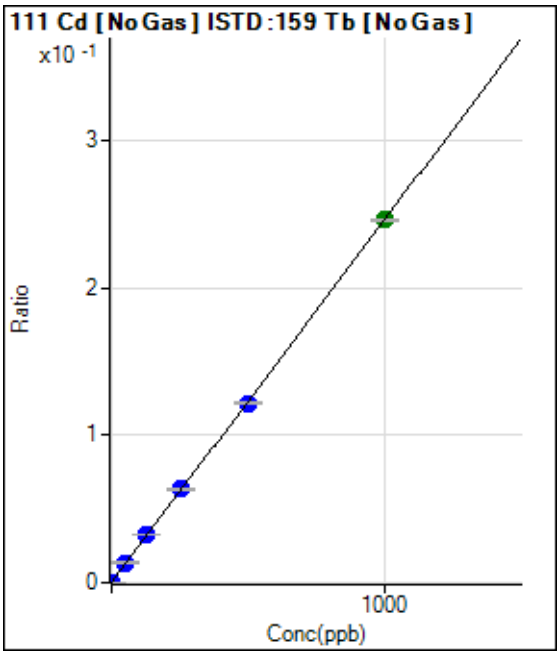
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	8.7
2	☐	1.000	0.978	14103.65	0.0011	P	0.9
3	☐	50.000	54.741	814319.37	0.0638	P	1.1
4	☐	125.000	138.339	2024904.90	0.1611	A	1.1
5	☐	250.000	264.352	3931355.12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

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

Weight: <None>
Min Conc: 0

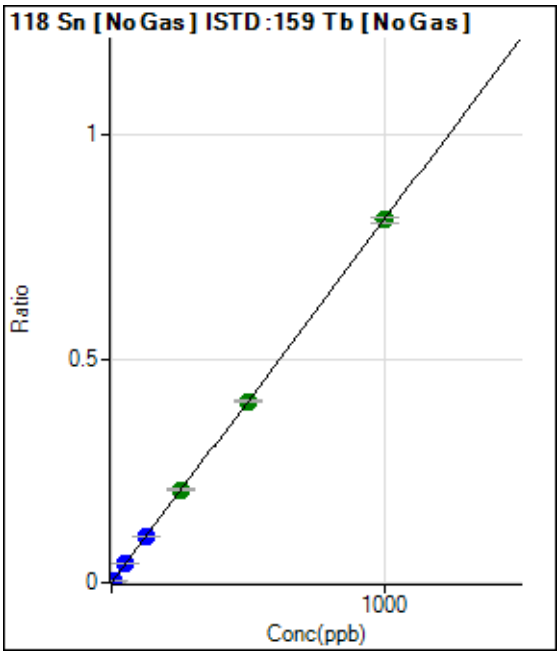


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2397.20	0.0002	P	0.7
2	☐	1.000	1.046	5609.96	0.0005	P	0.7
3	☐	50.000	54.541	174157.84	0.0136	P	1.4
4	☐	125.000	132.277	412082.38	0.0328	P	1.7
5	☐	250.000	257.002	811101.16	0.0635	P	1.7
6	☐	500.000	494.141	1588331.58	0.1219	P	0.8
7	☐	1000.000	1000.042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

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

Weight: <None>
Min Conc: 0

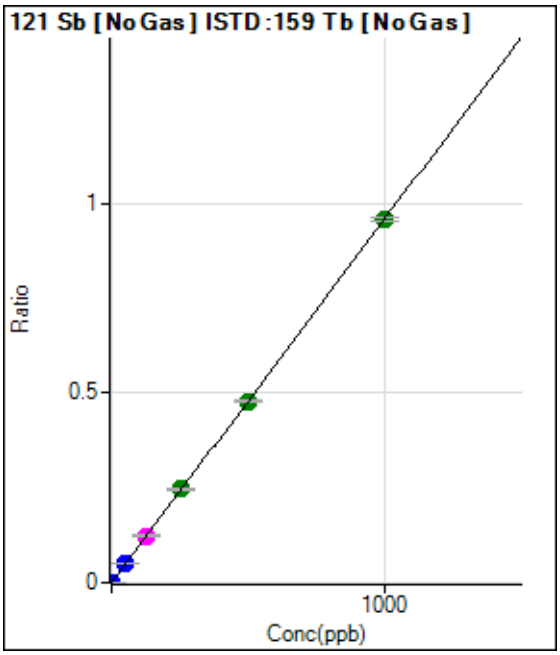
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2352.44	0.0002	P	8.4
2	☐	5.000	4.794	50384.45	0.0041	P	1.8
3	☐	50.000	52.457	546910.31	0.0428	P	1.6
4	☐	125.000	128.167	1311392.61	0.1043	P	1.8
5	☐	250.000	255.477	2653457.98	0.2078	A	1.4
6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

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

Weight: <None>
Min Conc: 0

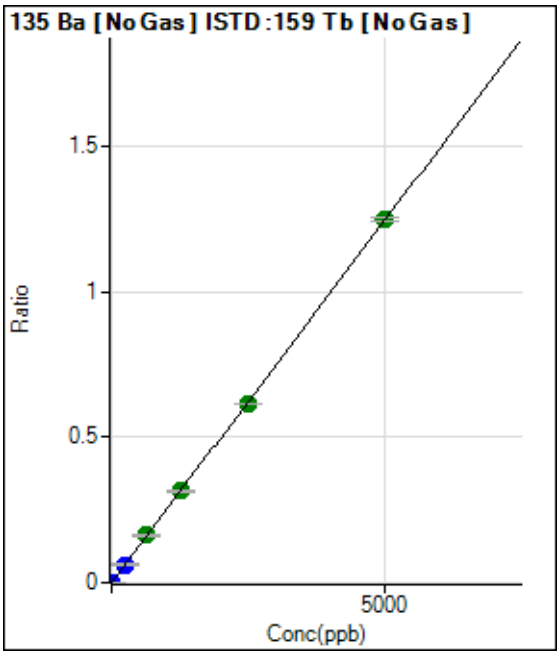


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	14.5
2	☐	2.000	1.932	22905.02	0.0019	P	2.1
3	☐	50.000	51.623	631627.81	0.0495	P	1.9
4	☐	125.000	128.392	1545574.87	0.1230	M	2.9
5	☐	250.000	258.312	3159474.09	0.2474	A	2.3
6	☐	500.000	498.798	6222646.16	0.4777	A	1.1
7	☐	1000.000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

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

Weight: <None>
Min Conc: 0

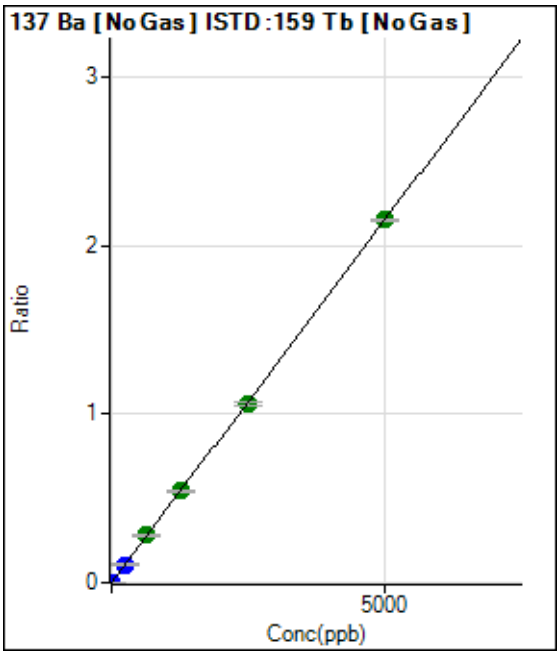
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	3.6
2	☐	10.000	9.173	28234.72	0.0023	P	0.5
3	☐	250.000	252.006	800415.61	0.0627	P	1.2
4	☐	625.000	652.769	2039848.67	0.1623	A	1.9
5	☐	1250.000	1265.494	4018001.12	0.3146	A	1.3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

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

Weight: <None>
Min Conc: 0

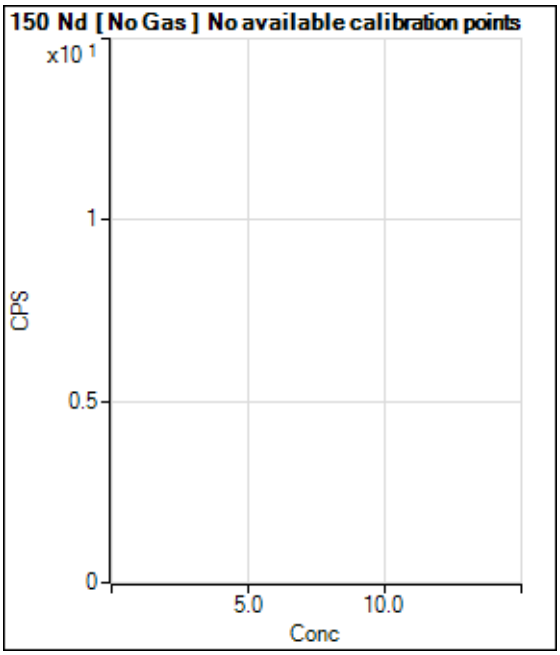


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.00	0.0000	P	25.6
2	☐	10.000	9.229	49090.06	0.0040	P	0.2
3	☐	250.000	250.971	1377492.83	0.1078	P	2.1
4	☐	625.000	651.359	3517614.98	0.2799	A	2.3
5	☐	1250.000	1265.703	6944879.90	0.5438	A	1.0
6	☐	2500.000	2472.066	13834276.04	1.0621	A	1.9
7	☐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

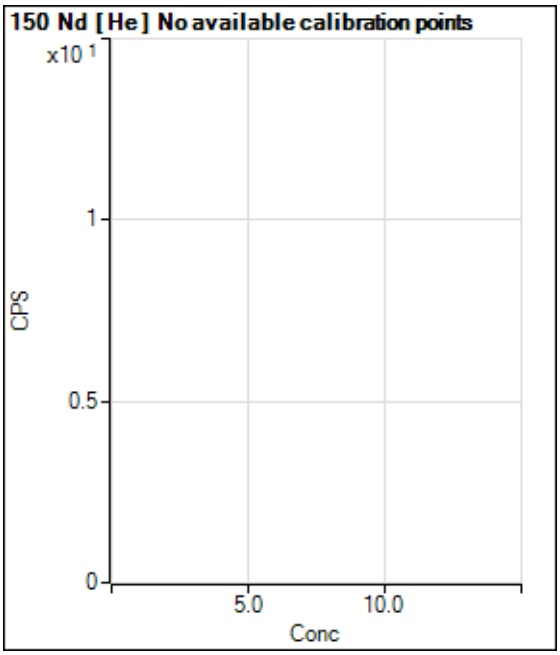
y = 4.2964E-004 * x + 1.8962E-005
R = 1.0000
DL = 0.03391
BEC = 0.04413

Weight: <None>
Min Conc: 0

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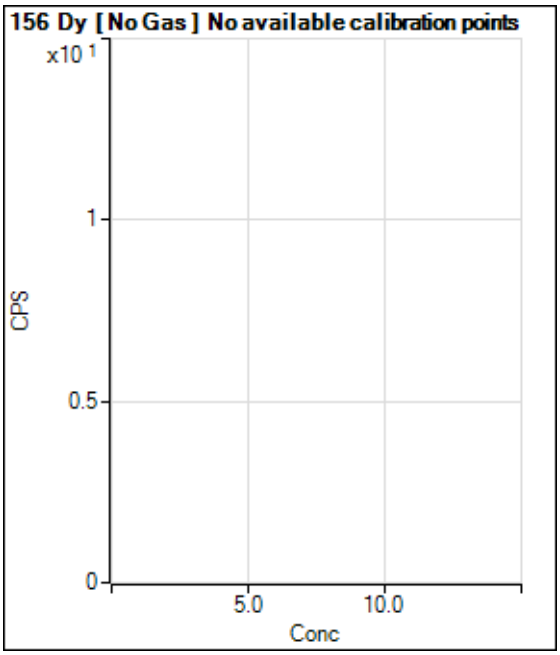


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			13.33		P	43.3
3	☐			52.22		P	32.8
4	☐			86.67		P	0.0
5	☐			125.56		P	17.7
6	☐			296.68		P	10.3
7	☐			583.35		P	4.7
8	☐			236.67		P	19.4

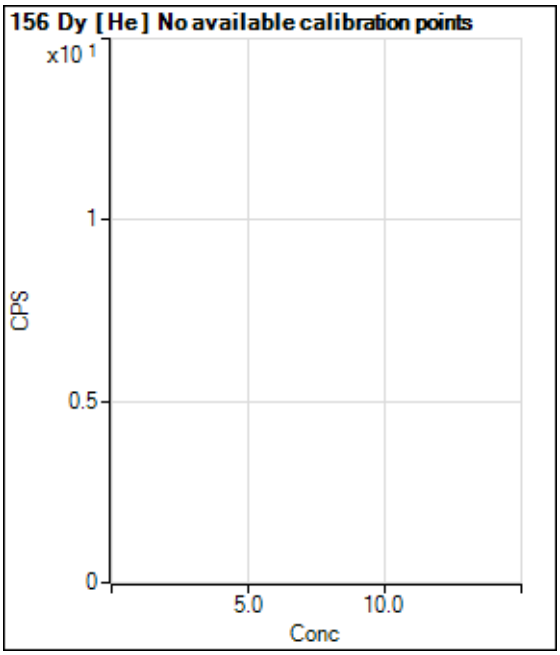


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			14.44		P	113.
4	☐			24.44		P	34.3
5	☐			34.44		P	36.6
6	☐			74.45		P	30.5
7	☐			151.11		P	10.9
8	☐			157.78		P	12.7

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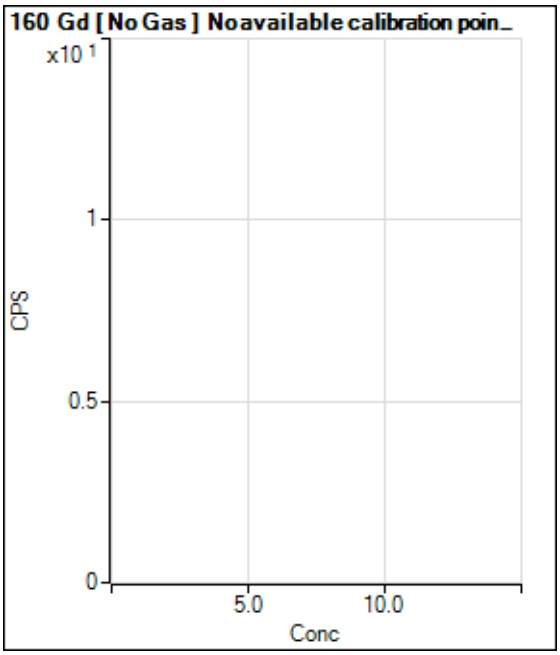


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			41.11		P	28.5
2	☐			45.56		P	18.4
3	☐			62.22		P	6.2
4	☐			64.44		P	13.0
5	☐			77.78		P	30.4
6	☐			127.78		P	9.9
7	☐			264.45		P	13.5
8	☐			437.79		P	5.8

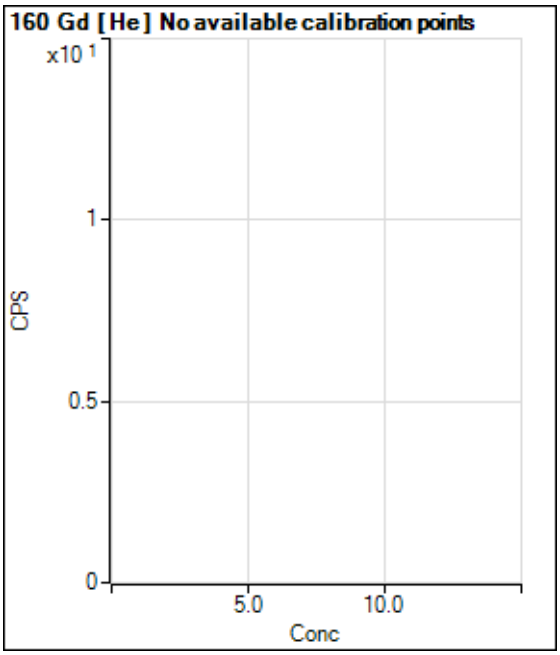


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	10.0
2	☐			31.11		P	30.9
3	☐			71.11		P	10.8
4	☐			102.22		P	8.2
5	☐			176.67		P	22.6
6	☐			326.68		P	6.2
7	☐			683.36		P	2.6
8	☐			356.68		P	5.2

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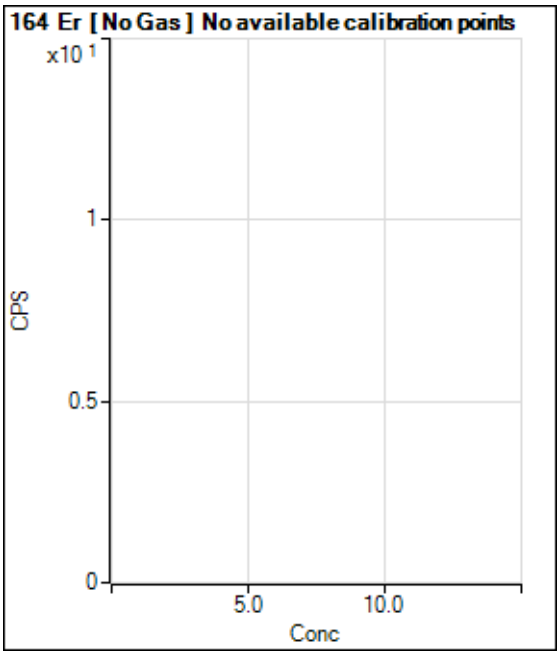


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			60.00		P	38.5
2	☐			48.89		P	7.9
3	☐			63.33		P	13.9
4	☐			70.00		P	28.6
5	☐			104.45		P	24.4
6	☐			116.67		P	14.8
7	☐			188.89		P	8.2
8	☐			394.45		P	5.6

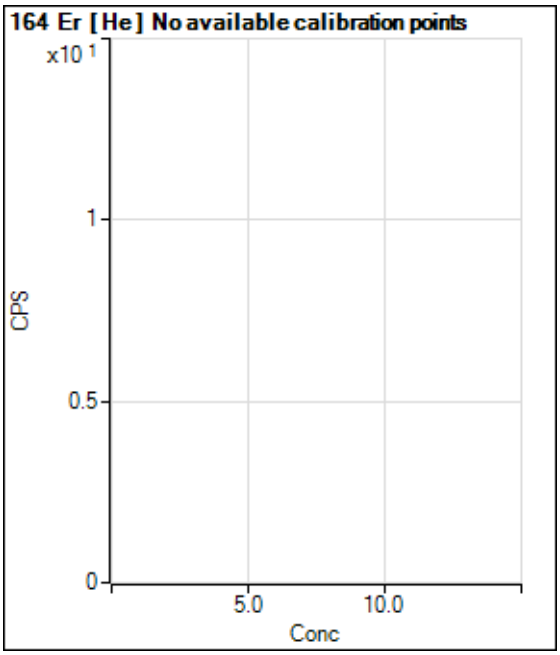


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			306.67		P	2.2
2	☐			285.56		P	7.1
3	☐			322.23		P	8.6
4	☐			332.23		P	4.5
5	☐			285.56		P	6.0
6	☐			316.68		P	4.8
7	☐			395.56		P	9.3
8	☐			556.69		P	7.9

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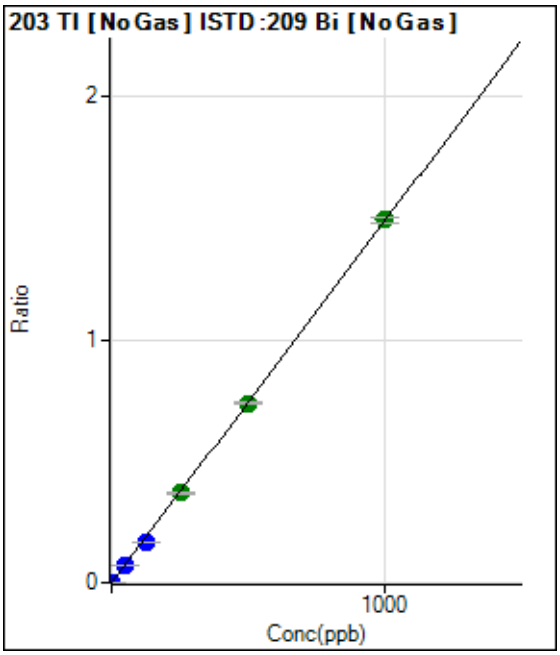


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			86.67		P	16.8
2	☐			100.00		P	37.6
3	☐			101.11		P	16.3
4	☐			91.11		P	34.0
5	☐			115.56		P	14.5
6	☐			181.12		P	23.7
7	☐			291.12		P	17.6
8	☐			514.46		P	6.0



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

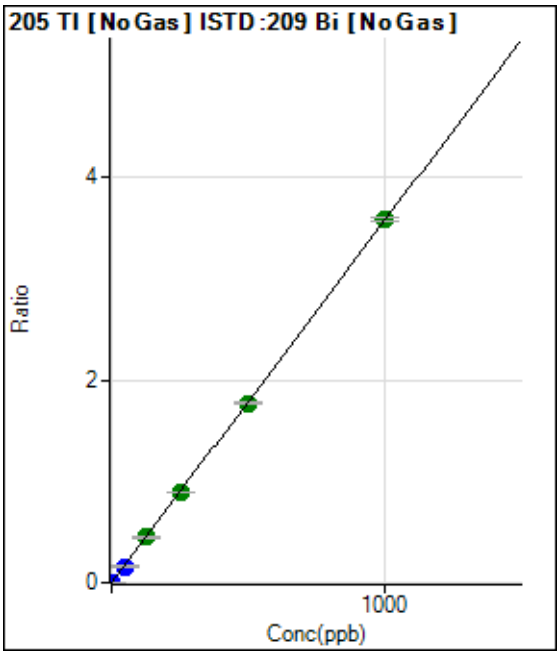
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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

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

Weight: <None>
Min Conc: 0

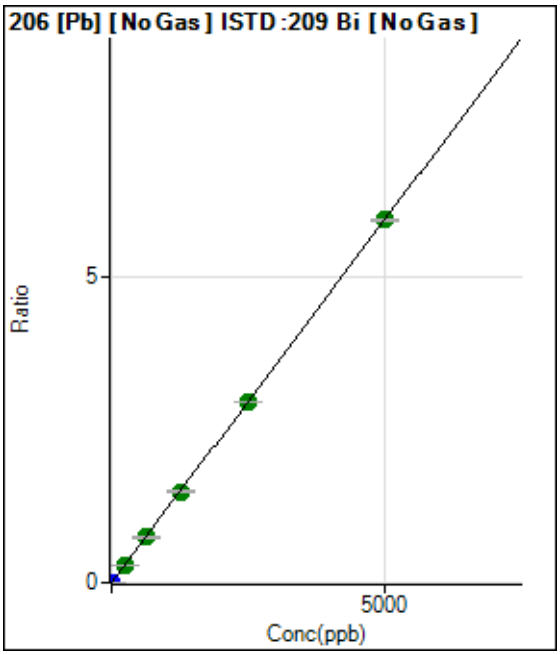


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	451.12	0.0001	P	14.1
2	☐	1.000	0.857	22201.49	0.0031	P	0.8
3	☐	50.000	45.113	1210197.94	0.1611	P	0.5
4	☐	125.000	125.097	3323239.43	0.4467	A	1.8
5	☐	250.000	247.836	6740839.20	0.8850	A	0.4
6	☐	500.000	495.941	13425546.88	1.7709	A	1.0
7	☐	1000.000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

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

Weight: <None>
Min Conc: 0

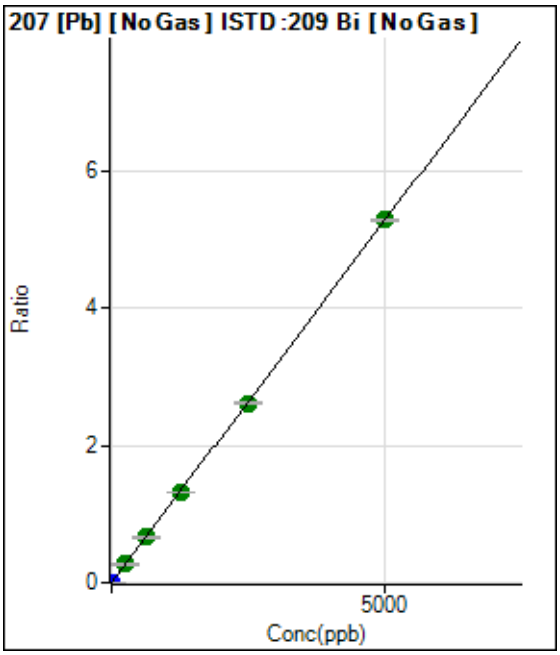
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.34	0.0001	P	4.7
2	☐	1.000	0.855	7619.99	0.0011	P	1.4
3	☐	250.000	249.165	2224858.23	0.2963	A	1.2
4	☐	625.000	630.090	5571660.26	0.7491	A	2.6
5	☐	1250.000	1257.731	11388808.16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

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

Weight: <None>
Min Conc: 0

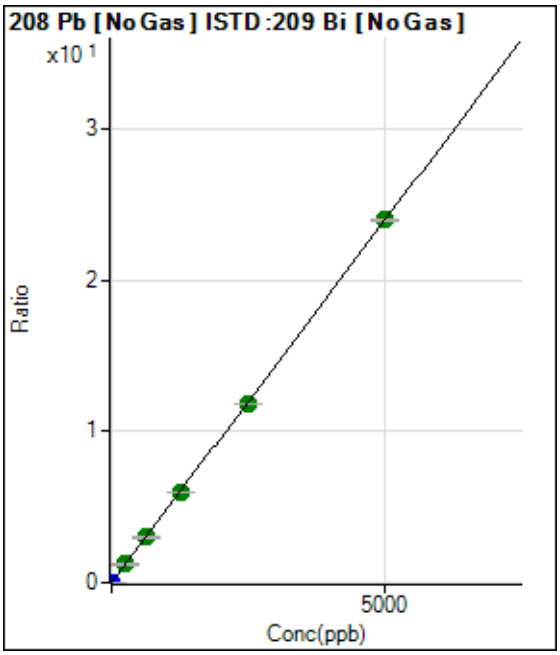


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0000	P	6.7
2	☐	1.000	0.829	6567.21	0.0009	P	0.4
3	☐	250.000	254.527	2019476.76	0.2689	A	1.9
4	☐	625.000	626.290	4920657.53	0.6616	A	3.5
5	☐	1250.000	1242.233	9995192.00	1.3123	A	0.3
6	☐	2500.000	2478.160	19843852.90	2.6178	A	0.8
7	☐	5000.000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

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

Weight: <None>
Min Conc: 0

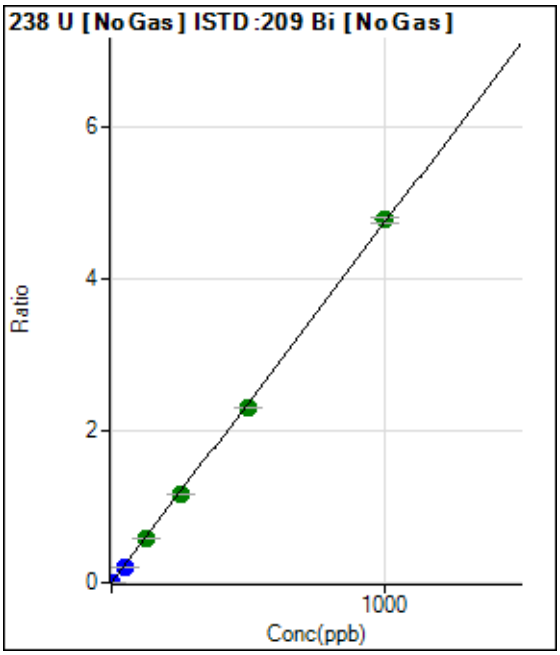
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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

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

Weight: <None>
Min Conc: 0

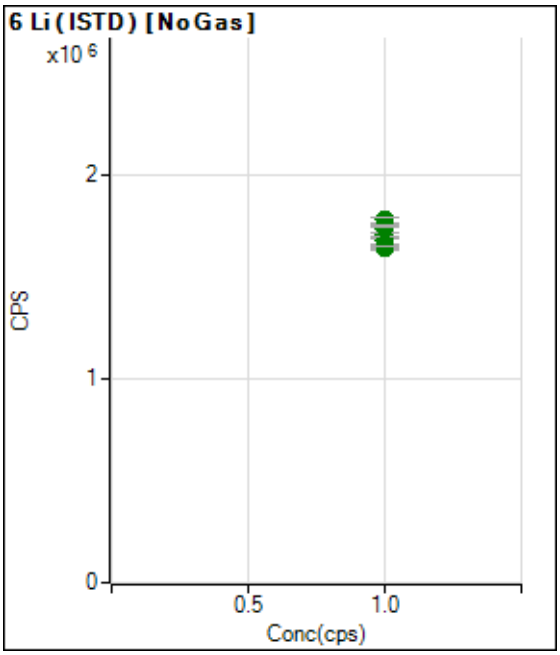


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.12	0.0000	P	27.7
2	☐	1.000	0.800	27092.16	0.0038	P	1.5
3	☐	50.000	43.326	1541415.55	0.2053	P	0.6
4	☐	125.000	121.996	4298674.35	0.5779	A	2.2
5	☐	250.000	246.241	8885030.91	1.1664	A	1.6
6	☐	500.000	486.383	17465616.96	2.3040	A	1.0
7	☐	1000.000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

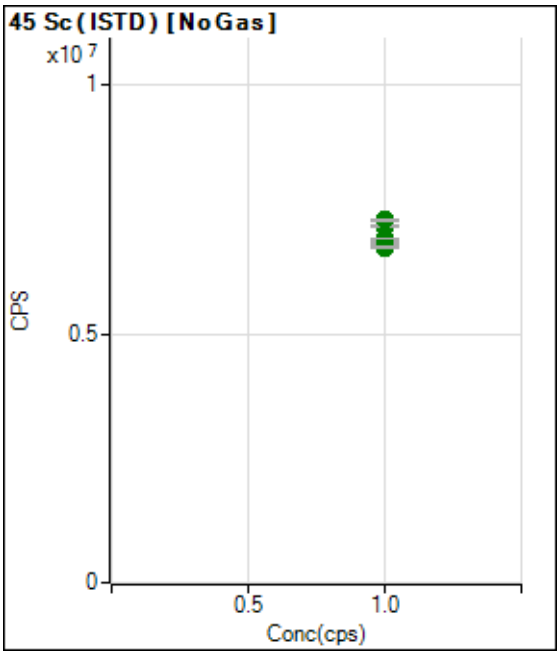
y = 0.0047 * x + 1.9804E-005
R = 0.9999
DL = 0.00347
BEC = 0.004181

Weight: <None>
Min Conc: 0

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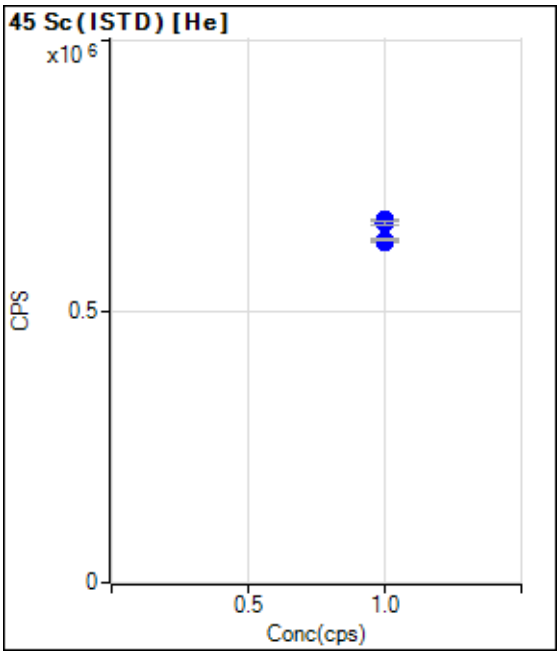


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1636431.33		A	0.7
2	☐	1.000		1675998.12		A	1.8
3	☐	1.000		1709054.40		A	1.2
4	☐	1.000		1735210.84		A	1.7
5	☐	1.000		1753549.66		A	0.2
6	☐	1.000		1778859.70		A	1.4
7	☐	1.000		1747178.39		A	0.4
8	☐	1.000		1649034.58		A	0.2

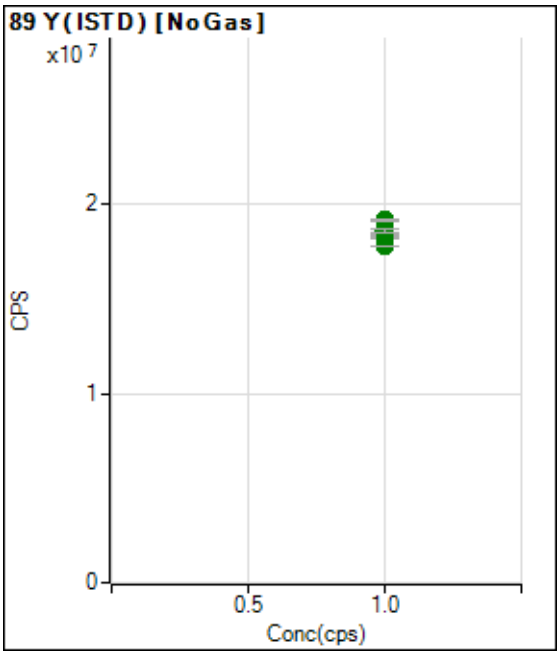


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7133494.90		A	0.1
2	☐	1.000		7163176.56		A	0.2
3	☐	1.000		7286509.20		A	0.8
4	☐	1.000		6879944.27		A	0.2
5	☐	1.000		6744699.97		A	0.7
6	☐	1.000		6819319.69		A	0.6
7	☐	1.000		6908425.38		A	0.4
8	☐	1.000		6730648.37		A	0.4

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

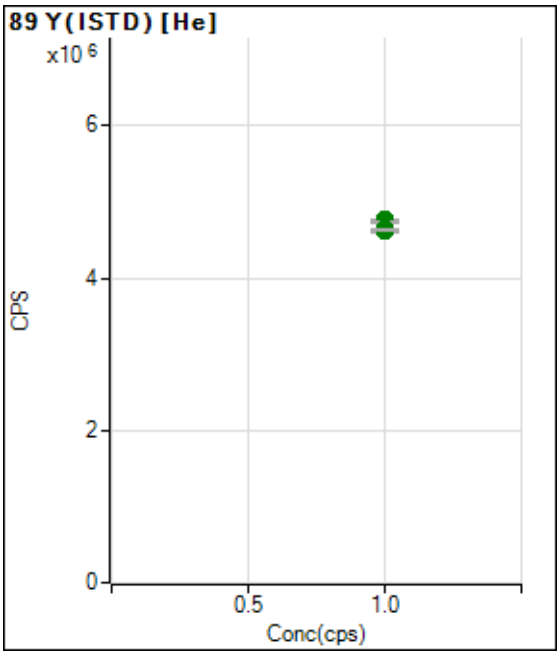


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		669470.67		P	0.8
2	☐	1.000		670216.03		P	0.4
3	☐	1.000		665284.04		P	1.1
4	☐	1.000		629062.22		P	0.5
5	☐	1.000		630019.06		P	0.3
6	☐	1.000		628772.68		P	0.5
7	☐	1.000		632685.66		P	0.8
8	☐	1.000		633605.46		P	0.7

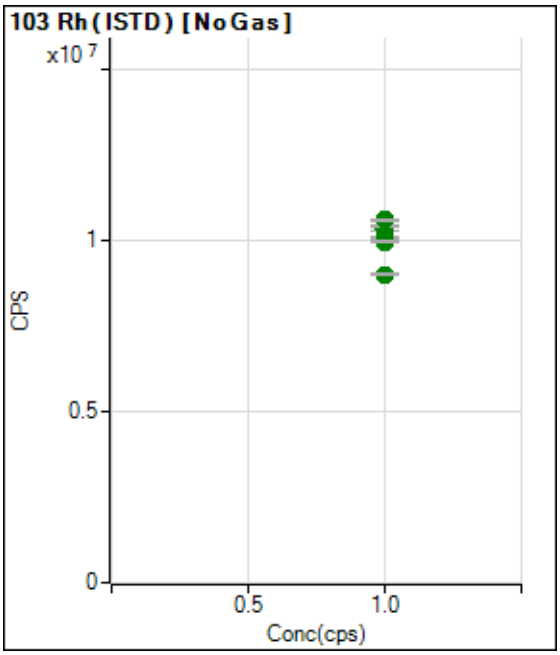


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18704860.14		A	0.5
2	☐	1.000		18697421.11		A	0.2
3	☐	1.000		19172602.35		A	0.6
4	☐	1.000		18231124.04		A	0.5
5	☐	1.000		18250958.20		A	0.3
6	☐	1.000		18441148.06		A	0.5
7	☐	1.000		18593767.36		A	1.0
8	☐	1.000		17782607.10		A	0.2

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

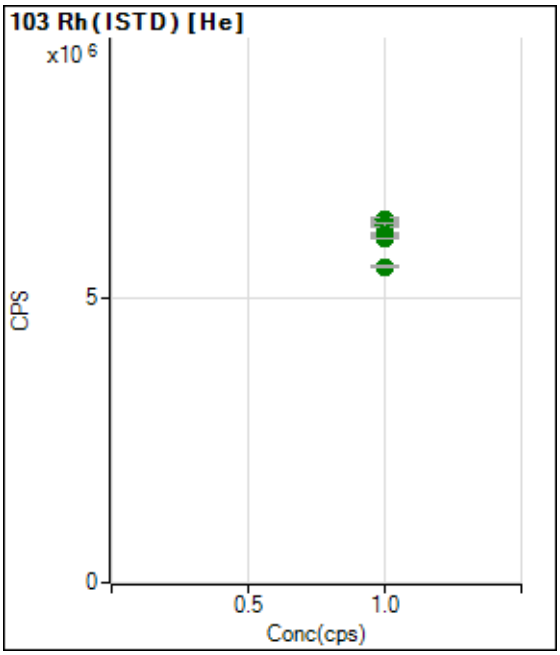


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4763797.50		A	0.4
2	☐	1.000		4741126.91		A	0.8
3	☐	1.000		4745990.34		A	0.5
4	☐	1.000		4621116.98		A	0.6
5	☐	1.000		4621774.48		A	0.8
6	☐	1.000		4624801.28		A	1.1
7	☐	1.000		4623285.21		A	0.4
8	☐	1.000		4639076.39		A	0.3

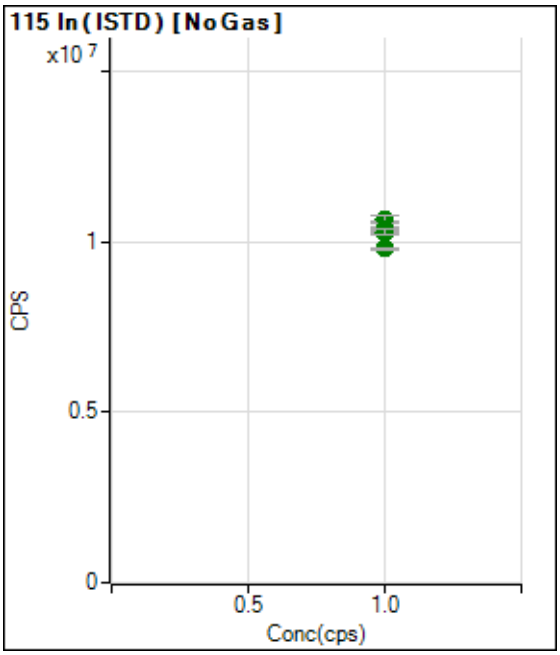


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10323477.83		A	0.7
2	☐	1.000		10408828.39		A	0.2
3	☐	1.000		10587296.37		A	0.7
4	☐	1.000		10052536.17		A	0.4
5	☐	1.000		10031774.78		A	1.2
6	☐	1.000		10023668.88		A	0.2
7	☐	1.000		9953769.57		A	0.3
8	☐	1.000		9000795.42		A	0.6

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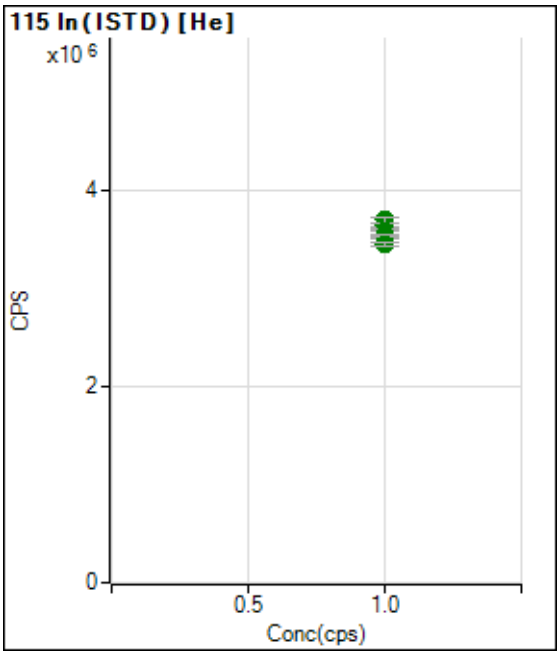


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6320486.71		A	0.3
2	☐	1.000		6316451.36		A	1.6
3	☐	1.000		6364413.58		A	1.4
4	☐	1.000		6149458.03		A	0.2
5	☐	1.000		6266512.48		A	0.9
6	☐	1.000		6101115.74		A	0.5
7	☐	1.000		6041100.32		A	0.4
8	☐	1.000		5543020.96		A	0.7

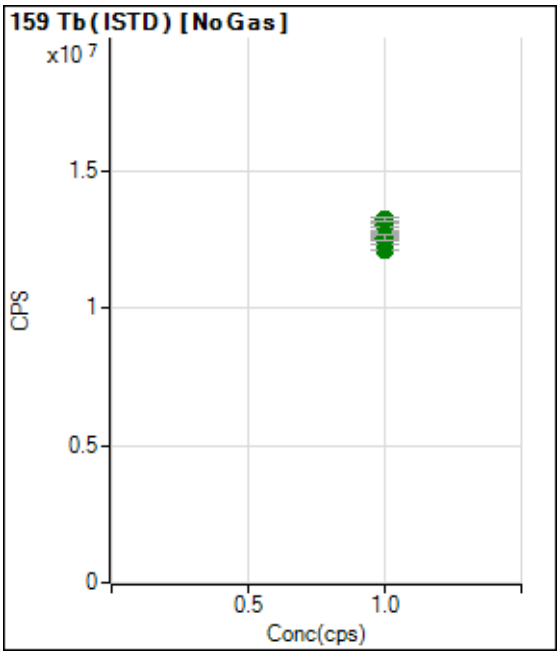


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10434439.02		A	0.4
2	☐	1.000		10523294.13		A	1.2
3	☐	1.000		10638249.88		A	2.0
4	☐	1.000		10364511.55		A	1.3
5	☐	1.000		10278698.81		A	0.4
6	☐	1.000		10340077.09		A	0.3
7	☐	1.000		10286150.22		A	1.2
8	☐	1.000		9783866.92		A	0.8

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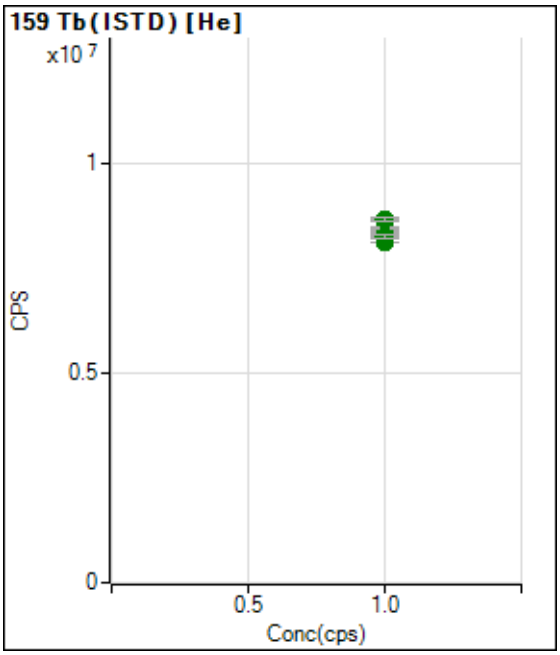


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3617456.72		A	0.5
2	☐	1.000		3634247.35		A	1.8
3	☐	1.000		3692707.78		A	1.8
4	☐	1.000		3508752.56		A	0.4
5	☐	1.000		3583924.06		A	0.5
6	☐	1.000		3536961.97		A	0.8
7	☐	1.000		3442545.06		A	1.5
8	☐	1.000		3442806.78		A	0.7

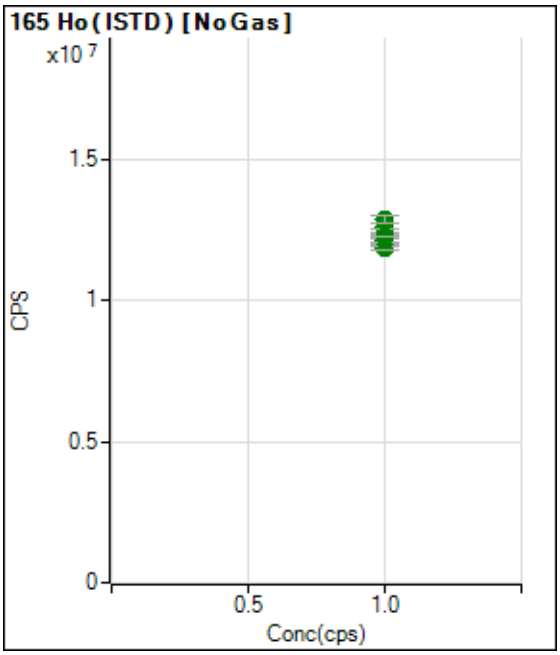


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12129753.99		A	0.1
2	☐	1.000		12321198.15		A	0.3
3	☐	1.000		12774118.00		A	0.8
4	☐	1.000		12570074.67		A	1.0
5	☐	1.000		12771076.20		A	0.5
6	☐	1.000		13026368.42		A	1.3
7	☐	1.000		13208593.14		A	0.9
8	☐	1.000		12563553.01		A	1.2

Reviewed By:Mohan
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Inst Id :P7

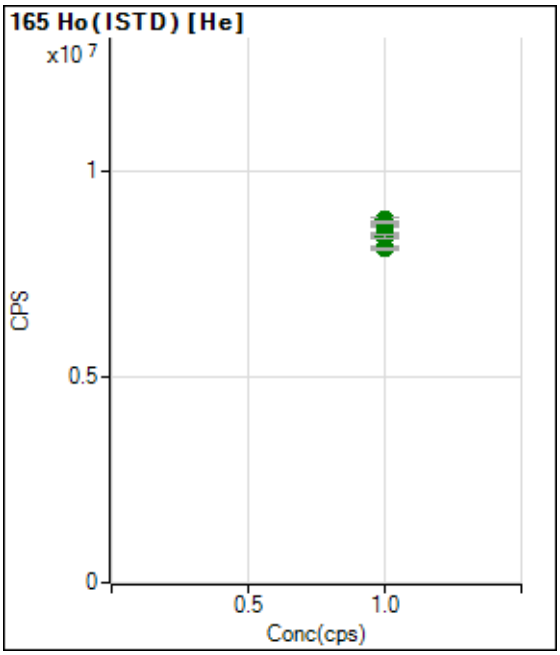


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8124594.95		A	0.3
2	☐	1.000		8240999.88		A	0.2
3	☐	1.000		8436261.89		A	1.7
4	☐	1.000		8382472.10		A	0.8
5	☐	1.000		8487047.37		A	0.8
6	☐	1.000		8669522.30		A	0.8
7	☐	1.000		8667012.51		A	1.1
8	☐	1.000		8277984.25		A	1.1

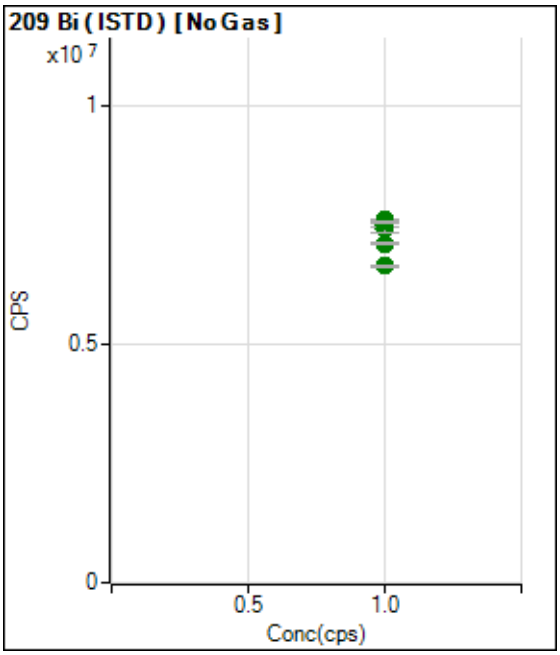


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11938985.10		A	0.4
2	☐	1.000		11861659.27		A	1.2
3	☐	1.000		12304702.45		A	0.2
4	☐	1.000		12129265.51		A	0.7
5	☐	1.000		12384239.54		A	0.7
6	☐	1.000		12641488.56		A	1.2
7	☐	1.000		12862263.56		A	2.2
8	☐	1.000		12251649.96		A	0.1

Reviewed By:Mohan
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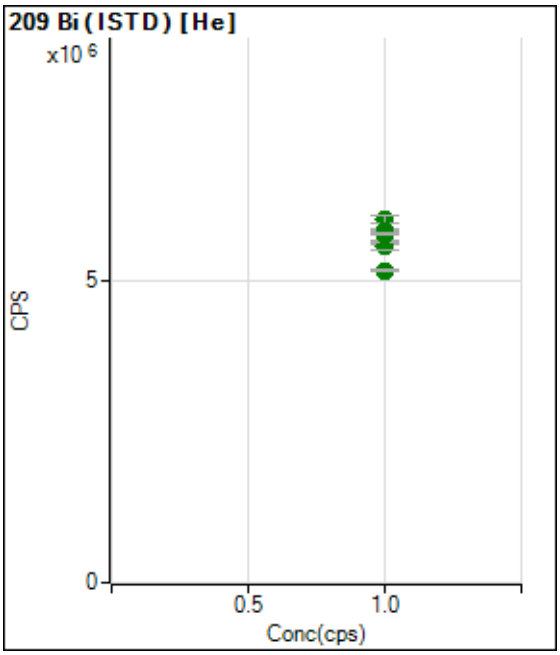


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8147087.59		A	0.4
2	☐	1.000		8123163.49		A	0.4
3	☐	1.000		8473579.53		A	1.0
4	☐	1.000		8485303.35		A	1.0
5	☐	1.000		8824173.55		A	1.9
6	☐	1.000		8657448.55		A	0.6
7	☐	1.000		8764468.34		A	0.6
8	☐	1.000		8407151.40		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7119743.43		A	0.5
2	☐	1.000		7110787.39		A	0.5
3	☐	1.000		7509919.89		A	0.8
4	☐	1.000		7441219.47		A	2.7
5	☐	1.000		7616546.76		A	0.8
6	☐	1.000		7580590.51		A	1.0
7	☐	1.000		7570628.57		A	1.0
8	☐	1.000		6641795.94		A	0.5

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5573120.47		A	1.9
2	☐	1.000		5667558.46		A	0.4
3	☐	1.000		5839895.61		A	0.3
4	☐	1.000		5850357.27		A	1.0
5	☐	1.000		6018719.29		A	2.0
6	☐	1.000		5827838.66		A	0.8
7	☐	1.000		5788032.21		A	1.0
8	☐	1.000		5180169.13		A	0.9

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

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102424-MS4.b
Acq. Date-Time	2024-10-24 11:46:49
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		13115	131150.53			0.572	5.000
24		469687	4696872.29			0.387	5.000
25		65111	651109.58			0.289	5.000
26		76824	768239.80			0.681	5.000
59		104131	1041308.97			0.622	5.000
113		6904	69044.72			1.338	5.000
115		154535	1545345.21			1.254	5.000
206		26637	266370.71			1.052	5.000
207		21818	218179.09			1.187	5.000
208		54024	540238.20			1.352	5.000
220		1	9.40			9.515	

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

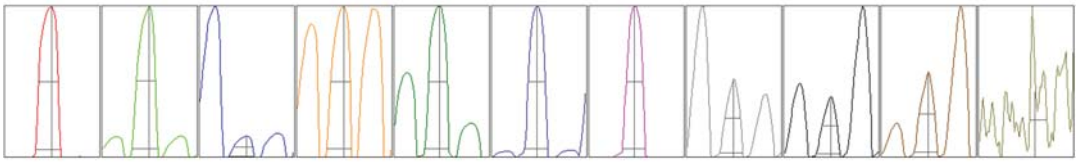
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13181	13157	13165	13061	13011
24	468905	469502	467405	470298	472327
25	64781	65167	65153	65199	65254
26	76554	77267	76991	76046	77262
59	104622	104831	103570	103351	104281
113	7009	6989	6893	6815	6816
115	157059	155645	154722	152809	152437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

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



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

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

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

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.6 V	Deflect	14.8 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2414 V	Pulse HV	1951 V

[He]

Sensitivity

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

Mass	RSD% (Flag)
59	
89	
205	

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

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.7 V	Deflect	3.8 V

US EPA Tune Check Report

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

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

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2414 V	Pulse HV	1951 V

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.06	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.04	0.01	0.00	N/A	ppb
Cadmium	106-1	0.09	-0.10	0.02	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-0.63	0.50	0.13	0.00	N/A	ppb
Calcium	44-1	0.10	-0.13	0.03	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Iron	57-2	-0.91	0.42	0.49	0.00	N/A	ppb
Iron	54-2	0.36	-0.04	-0.32	0.00	N/A	ppb
Krypton	83-1						cps

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	0.15	-0.09	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-13.78	-13.27	-13.80	-13.62		ppb
Potassium	39-2	0.18	0.50	-0.68	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.09	0.01	0.00	N/A	ppb
Selenium	77-2	-0.10	0.05	0.05	0.00	N/A	ppb
Selenium	78-2	1.18	-0.69	-0.49	0.00	N/A	ppb
Silicon	28-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-42.54	-39.27	-94.46	-58.75		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.03	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.06	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

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

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

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

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1107.54	1106.78	1117.05	1110.46	0.52	ppb
Antimony	121-1	50.51	52.14	52.21	51.62	1.87	ppb
Arsenic	75-2	53.79	52.41	52.98	53.06	1.30	ppb
Barium	135-1	248.53	254.57	252.91	252.01	1.24	ppb
Barium	137-1	245.23	252.08	255.60	250.97	2.10	ppb
Beryllium	9-1	56.67	57.01	55.44	56.38	1.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.54	55.97	55.17	55.23	1.30	ppb
Cadmium	106-1	56.24	56.71	56.40	56.45	0.42	ppb
Cadmium	111-1	53.69	54.75	55.19	54.54	1.41	ppb
Calcium	43-1	6211.91	6274.42	6275.81	6254.04	0.58	ppb
Calcium	44-1	5560.07	5611.27	5477.39	5549.58	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.38	53.17	53.32	53.29	0.20	ppb
Cobalt	59-2	52.31	52.47	52.61	52.46	0.29	ppb
Copper	63-2	526.66	527.48	541.07	531.74	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2686.55	2698.08	2692.52	2692.39	0.21	ppb
Iron	57-2	2810.59	2819.48	2847.14	2825.74	0.67	ppb
Iron	54-2	2876.26	2873.35	2903.15	2884.25	0.57	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2608.26	2628.95	2615.23	2617.48	0.40	ppb
Antimony	121-1	124.69	132.18	128.30	128.39	2.92	ppb
Arsenic	75-2	128.28	129.07	127.77	128.37	0.51	ppb
Barium	135-1	644.00	666.59	647.71	652.77	1.86	ppb
Barium	137-1	634.74	663.19	656.14	651.36	2.28	ppb
Beryllium	9-1	135.87	134.01	135.79	135.22	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.07	138.50	135.68	135.41	2.38	ppb
Cadmium	106-1	131.17	140.02	136.64	135.94	3.28	ppb
Cadmium	111-1	130.24	134.68	131.91	132.28	1.70	ppb
Calcium	43-1	15493.05	15749.21	15637.95	15626.74	0.82	ppb
Calcium	44-1	13693.95	13881.28	13820.63	13798.62	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.54	133.29	133.15	132.99	0.30	ppb
Cobalt	59-2	130.94	132.27	131.36	131.52	0.52	ppb
Copper	63-2	1332.41	1317.28	1306.94	1318.88	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6740.69	6766.59	6767.29	6758.19	0.22	ppb
Iron	57-2	7026.02	7079.17	7077.54	7060.91	0.43	ppb
Iron	54-2	6958.16	6842.16	6915.40	6905.24	0.85	ppb
Krypton	83-1						cps

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

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

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

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Inst Id :P7

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4970.28	4949.28	4922.32	4947.29	0.49	ppb
Antimony	121-1	251.58	261.06	262.30	258.31	2.27	ppb
Arsenic	75-2	250.41	253.79	253.13	252.45	0.71	ppb
Barium	135-1	1246.07	1274.29	1276.12	1265.49	1.33	ppb
Barium	137-1	1251.96	1275.39	1269.76	1265.70	0.97	ppb
Beryllium	9-1	261.02	266.87	265.28	264.39	1.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	255.69	261.00	263.02	259.90	1.46	ppb
Cadmium	106-1	257.69	263.07	265.03	261.93	1.45	ppb
Cadmium	111-1	252.00	259.86	259.15	257.00	1.69	ppb
Calcium	43-1	30424.91	30912.17	31239.64	30858.91	1.33	ppb
Calcium	44-1	27026.47	27111.16	27828.38	27322.00	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.66	253.40	256.26	255.77	0.85	ppb
Cobalt	59-2	252.22	257.87	254.49	254.86	1.12	ppb
Copper	63-2	2619.71	2588.94	2620.09	2609.58	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	13306.70	13121.72	13260.65	13229.69	0.73	ppb
Iron	57-2	13257.52	13179.80	13205.52	13214.28	0.30	ppb
Iron	54-2	13453.89	13465.78	13441.61	13453.76	0.09	ppb
Krypton	83-1						cps

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Inst Id :P7

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

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

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Inst Id :P7

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

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

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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9788.63	9673.15	9750.99	9737.59	0.60	ppb
Antimony	121-1	504.52	493.85	498.02	498.80	1.08	ppb
Arsenic	75-2	491.22	489.99	498.48	493.23	0.93	ppb
Barium	135-1	2461.44	2455.75	2470.65	2462.62	0.31	ppb
Barium	137-1	2463.55	2431.16	2521.49	2472.07	1.85	ppb
Beryllium	9-1	504.04	502.91	511.50	506.15	0.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.44	498.02	512.36	504.27	1.46	ppb
Cadmium	106-1	503.27	495.29	509.67	502.75	1.43	ppb
Cadmium	111-1	493.81	490.55	498.07	494.14	0.76	ppb
Calcium	43-1	57630.03	58049.51	58036.36	57905.30	0.41	ppb
Calcium	44-1	52685.06	53088.45	53504.15	53092.55	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.49	496.37	497.47	497.45	0.21	ppb
Cobalt	59-2	504.29	496.61	508.97	503.29	1.24	ppb
Copper	63-2	5025.58	5043.85	5030.67	5033.37	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	26047.70	25783.50	26018.28	25949.82	0.56	ppb
Iron	57-2	26071.11	25797.11	26152.61	26006.94	0.72	ppb
Iron	54-2	26390.69	26489.10	26212.46	26364.08	0.53	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Reviewed By:Mohan
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Inst Id :P7

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.71	481.61	482.01	482.44	0.23	ppb
Antimony	121-1	203.37	205.12	208.10	205.53	1.16	ppb
Arsenic	75-2	198.14	199.96	199.32	199.14	0.46	ppb
Barium	135-1	93.53	95.15	95.09	94.59	0.97	ppb
Barium	137-1	93.39	95.49	94.67	94.51	1.12	ppb
Beryllium	9-1	95.24	93.98	96.67	95.30	1.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	91.60	96.31	96.67	94.86	2.98	ppb
Cadmium	106-1	90.01	91.44	92.89	91.45	1.58	ppb
Cadmium	111-1	101.18	105.08	104.33	103.53	2.00	ppb
Calcium	43-1	2001.73	2026.98	2047.27	2025.32	1.13	ppb
Calcium	44-1	1877.38	1906.83	1953.23	1912.48	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.25	102.34	102.70	102.43	0.23	ppb
Cobalt	59-2	101.15	101.06	100.36	100.86	0.43	ppb
Copper	63-2	94.71	96.09	95.39	95.40	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	2016.19	2020.43	2021.67	2019.43	0.14	ppb
Iron	57-2	2093.45	2094.14	2102.99	2096.86	0.25	ppb
Iron	54-2	2201.12	2204.96	2192.94	2199.67	0.28	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.05	69.58	67.49	68.71	1.58	ppb
Antimony	121-1	0.10	0.12	0.13	0.11	14.99	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	92.60	ppb
Barium	135-1	0.05	0.06	0.06	0.06	12.20	ppb
Barium	137-1	0.05	0.04	0.06	0.05	17.96	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	60.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.07	0.02	-0.02		ppb
Cadmium	106-1	0.37	0.48	0.00	0.28	89.87	ppb
Cadmium	111-1	0.04	0.04	0.01	0.03	58.11	ppb
Calcium	43-1	1.13	0.47	0.57	0.72	49.01	ppb
Calcium	44-1	2.73	1.95	1.84	2.17	22.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.04	0.05	9.01	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	92.32	ppb
Copper	63-2	0.26	0.29	0.27	0.27	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	4.55	4.42	4.51	4.49	1.50	ppb
Iron	57-2	3.12	3.20	3.67	3.33	8.89	ppb
Iron	54-2	3.42	4.22	3.37	3.67	12.97	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

Reviewed By:Mohan
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Inst Id :P7

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

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

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Inst Id :P7

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

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

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50048.23	50491.42	50494.44	50344.70	0.51	ppb
Antimony	121-1	500.00	511.69	502.64	504.78	1.21	ppb
Arsenic	75-2	486.16	496.96	494.07	492.40	1.14	ppb
Barium	135-1	2538.21	2581.08	2516.87	2545.39	1.28	ppb
Barium	137-1	2539.55	2551.18	2522.68	2537.81	0.56	ppb
Beryllium	9-1	535.69	539.47	538.38	537.85	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	487.85	499.68	493.36	493.63	1.20	ppb
Cadmium	106-1	493.72	498.54	491.37	494.54	0.74	ppb
Cadmium	111-1	478.84	483.45	480.12	480.80	0.49	ppb
Calcium	43-1	252949.71	254127.03	255208.29	254095.01	0.44	ppb
Calcium	44-1	248116.55	250342.95	252455.38	250304.96	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.46	495.54	496.47	498.49	0.87	ppb
Cobalt	59-2	511.96	522.56	518.10	517.54	1.03	ppb
Copper	63-2	4983.16	5028.79	4984.76	4998.90	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	125713.07	128322.87	126558.35	126864.76	1.05	ppb
Iron	57-2	124275.49	126753.81	125471.14	125500.15	0.99	ppb
Iron	54-2	126285.44	128636.18	126324.46	127082.03	1.06	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	2.10	2.28	2.20	4.16	ppb
Antimony	121-1	0.29	0.29	0.30	0.29	2.36	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	32.45	ppb
Barium	135-1	0.09	0.09	0.07	0.08	15.72	ppb
Barium	137-1	0.07	0.06	0.06	0.06	9.35	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	13.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.01	-0.02	0.01	694.54	ppb
Cadmium	106-1	-0.13	-0.56	-0.35	-0.35		ppb
Cadmium	111-1	0.02	-0.01	0.00	0.01	273.55	ppb
Calcium	43-1	9.65	7.10	10.05	8.93	17.93	ppb
Calcium	44-1	14.62	11.57	11.31	12.50	14.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.01	0.03	37.36	ppb
Cobalt	59-2	0.02	0.00	0.02	0.01	57.08	ppb
Copper	63-2	0.23	0.24	0.21	0.23	7.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	4.22	4.20	4.39	4.27	2.39	ppb
Iron	57-2	1.70	1.51	2.67	1.96	31.88	ppb
Iron	54-2	3.91	4.32	4.78	4.34	10.09	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12636.49	12507.67	12527.98	12557.38	0.55	ppb
Antimony	121-1	14.79	14.90	15.09	14.92	1.00	ppb
Arsenic	75-2	42.27	43.58	42.93	42.93	1.52	ppb
Barium	135-1	390.79	396.00	397.49	394.76	0.89	ppb
Barium	137-1	409.13	417.07	419.36	415.18	1.29	ppb
Beryllium	9-1	7.01	7.39	7.20	7.20	2.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.20	7.11	7.63	7.31	3.79	ppb
Cadmium	106-1	7.58	6.73	7.20	7.17	5.95	ppb
Cadmium	111-1	7.72	8.02	7.85	7.86	1.91	ppb
Calcium	43-1	2974.26	2913.57	2985.20	2957.68	1.30	ppb
Calcium	44-1	2823.75	2787.17	2842.83	2817.92	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.68	57.88	58.32	57.96	0.57	ppb
Cobalt	59-2	88.06	89.02	88.12	88.40	0.61	ppb
Copper	63-2	99.60	100.39	98.93	99.64	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	32860.72	32618.44	32645.64	32708.27	0.41	ppb
Iron	57-2	32298.78	31608.45	31945.03	31950.75	1.08	ppb
Iron	54-2	32399.63	33189.57	32746.75	32778.65	1.21	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9507.02	9481.82	9589.63	9526.16	0.59	ppb
Antimony	121-1	0.24	0.26	0.25	0.25	3.12	ppb
Arsenic	75-2	26.50	26.19	25.33	26.01	2.32	ppb
Barium	135-1	63.71	64.28	64.42	64.14	0.59	ppb
Barium	137-1	64.33	64.08	64.30	64.24	0.21	ppb
Beryllium	9-1	0.23	0.27	0.24	0.24	8.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.44	0.63	0.50	23.14	ppb
Cadmium	106-1	0.74	0.32	-0.28	0.26	199.24	ppb
Cadmium	111-1	0.21	0.19	0.15	0.18	15.07	ppb
Calcium	43-1	2894.16	2877.44	2920.12	2897.24	0.74	ppb
Calcium	44-1	2720.87	2739.79	2730.83	2730.50	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.67	25.62	25.95	25.75	0.68	ppb
Cobalt	59-2	12.51	12.60	12.71	12.60	0.79	ppb
Copper	63-2	41.54	41.59	41.49	41.54	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	22920.56	22840.88	23024.89	22928.78	0.40	ppb
Iron	57-2	22269.68	22053.88	22397.55	22240.37	0.78	ppb
Iron	54-2	22621.79	22383.87	22595.63	22533.76	0.58	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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Inst Id :P7

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

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

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Inst Id :P7

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

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

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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1901.53	1922.20	1934.01	1919.24	0.86	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.27	ppb
Arsenic	75-2	5.08	5.08	5.18	5.11	1.17	ppb
Barium	135-1	11.91	12.02	12.84	12.26	4.17	ppb
Barium	137-1	12.11	12.17	12.14	12.14	0.24	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	17.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.05	0.02	134.47	ppb
Cadmium	106-1	-0.12	-1.05	-0.60	-0.59		ppb
Cadmium	111-1	0.02	-0.03	-0.01	-0.01		ppb
Calcium	43-1	556.91	569.84	552.41	559.72	1.62	ppb
Calcium	44-1	571.06	575.25	543.08	563.13	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.13	5.08	5.10	5.10	0.43	ppb
Cobalt	59-2	2.44	2.46	2.43	2.44	0.57	ppb
Copper	63-2	8.16	8.24	8.23	8.21	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	4507.30	4405.30	4505.61	4472.74	1.31	ppb
Iron	57-2	4569.08	4586.87	4626.73	4594.23	0.64	ppb
Iron	54-2	4661.71	4706.36	4728.78	4698.95	0.73	ppb
Krypton	83-1						cps

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

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

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

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

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

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

Reviewed By:Mohan
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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9942.43	10020.37	9874.05	9945.62	0.74	ppb
Antimony	121-1	15.64	15.90	15.85	15.79	0.85	ppb
Arsenic	75-2	31.87	32.00	31.81	31.89	0.30	ppb
Barium	135-1	370.89	378.05	378.71	375.89	1.15	ppb
Barium	137-1	387.27	394.89	387.83	390.00	1.09	ppb
Beryllium	9-1	8.16	8.23	8.13	8.18	0.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.47	7.66	7.60	7.58	1.27	ppb
Cadmium	106-1	7.33	8.04	7.93	7.77	4.92	ppb
Cadmium	111-1	8.20	8.30	8.26	8.26	0.60	ppb
Calcium	43-1	2865.01	2956.23	2955.02	2925.42	1.79	ppb
Calcium	44-1	2722.95	2731.73	2795.00	2749.89	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.03	58.99	58.97	59.00	0.06	ppb
Cobalt	59-2	93.87	94.09	94.27	94.08	0.22	ppb
Copper	63-2	79.67	80.31	78.80	79.59	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	22835.99	23292.82	23072.26	23067.02	0.99	ppb
Iron	57-2	22546.56	23124.53	22723.68	22798.26	1.30	ppb
Iron	54-2	23099.78	23301.04	22797.47	23066.10	1.10	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Reviewed By:Mohan
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Inst Id :P7

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

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

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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19216.05	19292.84	19228.69	19245.86	0.21	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	3.99	ppb
Arsenic	75-2	12.94	12.53	12.83	12.77	1.66	ppb
Barium	135-1	563.74	581.21	575.25	573.40	1.55	ppb
Barium	137-1	569.53	565.64	586.09	573.75	1.89	ppb
Beryllium	9-1	0.94	0.92	0.87	0.91	4.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.27	1.70	1.76	1.91	16.33	ppb
Cadmium	106-1	3.84	4.29	2.63	3.59	23.97	ppb
Cadmium	111-1	0.56	0.65	0.51	0.57	12.91	ppb
Calcium	43-1	15592.66	15584.91	15442.38	15539.98	0.54	ppb
Calcium	44-1	14708.98	14726.31	14393.53	14609.61	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.75	56.97	56.85	56.86	0.19	ppb
Cobalt	59-2	15.64	15.75	15.76	15.71	0.43	ppb
Copper	63-2	55.25	55.42	55.70	55.46	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	23027.56	22863.64	22444.07	22778.42	1.32	ppb
Iron	57-2	22263.04	22458.60	22348.01	22356.55	0.44	ppb
Iron	54-2	22345.34	22353.98	22487.69	22395.67	0.36	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3833.76	3783.71	3869.37	3828.95	1.12	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	7.64	ppb
Arsenic	75-2	2.31	2.36	2.45	2.37	3.13	ppb
Barium	135-1	108.26	108.07	109.14	108.49	0.53	ppb
Barium	137-1	107.69	108.60	108.86	108.38	0.57	ppb
Beryllium	9-1	0.17	0.17	0.18	0.17	2.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.38	0.39	0.29	0.36	16.21	ppb
Cadmium	106-1	1.27	0.71	0.89	0.96	29.87	ppb
Cadmium	111-1	0.15	0.12	0.15	0.14	11.89	ppb
Calcium	43-1	3246.37	3226.99	3276.94	3250.10	0.77	ppb
Calcium	44-1	3046.30	3096.99	3055.31	3066.20	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.60	11.42	11.42	11.48	0.90	ppb
Cobalt	59-2	3.13	3.12	3.11	3.12	0.37	ppb
Copper	63-2	11.22	11.17	11.26	11.22	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	4521.65	4435.98	4453.24	4470.29	1.01	ppb
Iron	57-2	4643.97	4625.55	4646.07	4638.53	0.24	ppb
Iron	54-2	4726.78	4707.18	4436.90	4623.62	3.50	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Reviewed By:Mohan
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Inst Id :P7

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

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19861.50	20121.38	19961.80	19981.56	0.66	ppb
Antimony	121-1	71.37	72.16	73.40	72.31	1.41	ppb
Arsenic	75-2	40.22	40.02	39.30	39.85	1.22	ppb
Barium	135-1	1945.49	1977.35	1964.12	1962.32	0.82	ppb
Barium	137-1	1940.71	1977.74	1950.02	1956.15	0.98	ppb
Beryllium	9-1	34.46	34.01	33.55	34.01	1.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.15	36.90	35.81	36.62	1.95	ppb
Cadmium	106-1	35.53	35.40	37.80	36.24	3.74	ppb
Cadmium	111-1	36.91	38.07	38.19	37.72	1.87	ppb
Calcium	43-1	15231.98	15227.47	15167.38	15208.95	0.24	ppb
Calcium	44-1	14308.15	14265.48	14077.27	14216.97	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.47	197.11	197.41	197.33	0.10	ppb
Cobalt	59-2	362.88	361.96	358.89	361.24	0.58	ppb
Copper	63-2	217.53	217.66	213.17	216.12	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	22715.48	22513.30	22446.70	22558.49	0.62	ppb
Iron	57-2	22466.79	22030.23	22305.70	22267.57	0.99	ppb
Iron	54-2	22853.97	22798.00	22297.00	22649.66	1.35	ppb
Krypton	83-1						cps

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	587	563	572	2.21	cps
Antimony	121-1	93	103	123	107	14.33	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	137	140	130	136	3.76	cps
Barium	137-1	283	167	240	230	25.64	cps
Beryllium	9-1	28	51	18	32	52.12	cps
Bismuth	209-1	7101325	7099514	7158391	7119743	0.47	cps
Bismuth	209-2	5452786	5639656	5626920	5573120	1.87	cps
Bromine	81-1	11942	11708	11748	11799	1.06	cps
Bromine	81-2	117	170	157	148	18.78	cps
Cadmium	108-1	23	10	20	18	39.03	cps
Cadmium	106-1	3444	3384	3414	3414	0.88	cps
Cadmium	111-1	2418	2382	2392	2397	0.77	cps
Calcium	43-1	683	730	713	709	3.34	cps
Calcium	44-1	31795	31701	31724	31740	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1640	1433	1430	1501	8.01	cps
Cobalt	59-2	167	150	157	158	5.32	cps
Copper	63-2	2327	2154	2334	2271	4.49	cps
Dysprosium	156-1	53	30	40	41	28.47	cps
Dysprosium	156-2	30	37	33	33	10.01	cps
Erbium	164-1	93	97	70	87	16.77	cps
Erbium	164-2	77	70	70	72	5.33	cps
Gadolinium	160-1	47	47	87	60	38.49	cps
Gadolinium	160-2	307	313	300	307	2.17	cps
Holmium	165-1	11975014	11877526	11964415	11938985	0.45	cps
Holmium	165-2	8170974	8160279	8110010	8147088	0.40	cps
Indium	115-1	10387113	10455031	10461173	10434439	0.39	cps
Indium	115-2	3635686	3600062	3616623	3617457	0.49	cps
Iron	56-2	26674	25725	26320	26240	1.83	cps
Iron	57-2	2567	2710	2757	2678	3.70	cps
Iron	54-2	3250	3097	3057	3135	3.26	cps
Krypton	83-1	373	353	327	351	6.67	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410	373	397	393	4.72	cps
Lead	207-1	350	317	363	343	7.00	cps
Lead	208-1	1427	1400	1473	1433	2.59	cps
Lithium	6-1	1639242	1645820	1624232	1636431	0.68	cps
Magnesium	24-2	1460	1560	1440	1487	4.32	cps
Manganese	55-2	623	683	730	679	7.88	cps
Molybdenum	94-1	510	517	450	492	7.46	cps
Molybdenum	95-1	313	293	300	302	3.37	cps
Molybdenum	96-1	417	417	363	399	7.72	cps
Molybdenum	97-1	163	220	170	184	16.79	cps
Molybdenum	98-1	370	423	417	403	7.20	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	263	270	323	286	11.52	cps
Phosphorus	31-2	230	237	230	232	1.66	cps
Potassium	39-2	94142	93236	93636	93671	0.48	cps
Rhodium	103-1	10391237	10324829	10254368	10323478	0.66	cps
Rhodium	103-2	6311901	6307813	6341745	6320487	0.29	cps
Scandium	45-1	7131781	7143090	7125614	7133495	0.12	cps
Scandium	45-2	671837	663671	672904	669471	0.75	cps
Selenium	82-1	523	491	508	507	3.14	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	547	417	430	464	15.40	cps
Silicon	28-1	374035	373982	375614	374544	0.25	cps
Silver	107-1	90	107	117	104	12.90	cps
Silver	109-1	60	70	70	67	8.66	cps
Sodium	23-2	47229	46540	47189	46986	0.82	cps
Strontium	86-1	797	740	783	773	3.83	cps
Strontium	88-1	2337	2124	2124	2195	5.61	cps
Sulfur	34-1	322020	322721	318726	321156	0.66	cps
Terbium	159-1	12142691	12134918	12111653	12129754	0.13	cps
Terbium	159-2	8101355	8125240	8147190	8124595	0.28	cps
Thallium	203-1	193	260	183	212	19.64	cps
Thallium	205-1	517	390	447	451	14.07	cps
Tin	118-1	2327	2564	2167	2352	8.48	cps
Titanium	47-1	297	360	260	306	16.56	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	113	123	187	141	28.18	cps
Vanadium	51-2	37	30	47	38	22.21	cps
Yttrium	89-1	18641956	18805058	18667567	18704860	0.47	cps
Yttrium	89-2	4742447	4780676	4768270	4763798	0.41	cps
Zinc	66-2	1253	1160	1283	1232	5.22	cps
Zirconium	90-1	923	867	993	928	6.84	cps
Zirconium	91-1	207	183	250	213	15.86	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7825	8102	8012	7980	1.77	cps
Antimony	121-1	22414	23526	22775	22905	2.48	cps
Arsenic	75-2	727	720	843	763	9.09	cps
Barium	135-1	28298	28171	28235	28235	0.22	cps
Barium	137-1	48884	49349	49038	49090	0.48	cps
Beryllium	9-1	2373	2439	2314	2375	2.62	cps
Bismuth	209-1	7124593	7072958	7134811	7110787	0.47	cps
Bismuth	209-2	5690084	5643486	5669106	5667558	0.41	cps
Bromine	81-1	12102	11388	11748	11746	3.04	cps
Bromine	81-2	160	117	107	128	22.18	cps
Cadmium	108-1	210	247	223	227	8.19	cps
Cadmium	106-1	4077	3944	3757	3926	4.10	cps
Cadmium	111-1	5641	5595	5594	5610	0.48	cps
Calcium	43-1	20821	20985	20571	20792	1.00	cps
Calcium	44-1	356883	364851	366071	362602	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14417	14107	14520	14348	1.50	cps
Cobalt	59-2	10407	10187	10150	10248	1.36	cps
Copper	63-2	16759	16886	16726	16791	0.50	cps
Dysprosium	156-1	53	47	37	46	18.41	cps
Dysprosium	156-2	37	20	37	31	30.93	cps
Erbium	164-1	77	143	80	100	37.57	cps
Erbium	164-2	33	60	60	51	30.13	cps
Gadolinium	160-1	53	47	47	49	7.86	cps
Gadolinium	160-2	290	303	263	286	7.13	cps
Holmium	165-1	11903795	11980886	11700297	11861659	1.22	cps
Holmium	165-2	8093902	8160527	8115062	8123163	0.42	cps
Indium	115-1	10372934	10604131	10592817	10523294	1.24	cps
Indium	115-2	3704259	3579949	3618534	3634247	1.75	cps
Iron	56-2	309298	304850	306440	306863	0.73	cps
Iron	57-2	9623	10053	9990	9889	2.35	cps
Iron	54-2	18989	19042	18919	18983	0.33	cps
Krypton	83-1	320	317	317	318	0.61	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7559	7535	7766	7620	1.66	cps
Lead	207-1	6552	6542	6608	6567	0.55	cps
Lead	208-1	30327	30137	30514	30326	0.62	cps
Lithium	6-1	1653181	1665716	1709097	1675998	1.75	cps
Magnesium	24-2	313331	312066	313960	313119	0.31	cps
Manganese	55-2	5211	5341	5354	5302	1.49	cps
Molybdenum	94-1	26755	27456	27379	27196	1.41	cps
Molybdenum	95-1	32165	32787	32697	32550	1.03	cps
Molybdenum	96-1	35640	36095	36616	36117	1.35	cps
Molybdenum	97-1	20064	20444	20067	20192	1.08	cps
Molybdenum	98-1	50915	51213	52594	51574	1.74	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2840	2867	2950	2886	1.99	cps
Phosphorus	31-2	700	733	813	749	7.78	cps
Potassium	39-2	472240	470545	472792	471859	0.25	cps
Rhodium	103-1	10437169	10393816	10395500	10408828	0.24	cps
Rhodium	103-2	6429295	6281250	6238809	6316451	1.58	cps
Scandium	45-1	7162401	7152802	7174327	7163177	0.15	cps
Scandium	45-2	671687	666873	672088	670216	0.43	cps
Selenium	82-1	1602	1616	1717	1645	3.81	cps
Selenium	77-2	80	130	123	111	24.43	cps
Selenium	78-2	833	703	767	768	8.47	cps
Silicon	28-1	412051	416161	414619	414277	0.50	cps
Silver	107-1	14701	14778	15515	14998	3.00	cps
Silver	109-1	13940	14184	14187	14104	1.00	cps
Sodium	23-2	548639	554146	550257	551014	0.51	cps
Strontium	86-1	4958	4944	5144	5015	2.23	cps
Strontium	88-1	37541	38530	39256	38442	2.24	cps
Sulfur	34-1	328179	328795	331083	329352	0.46	cps
Terbium	159-1	12292570	12368316	12302709	12321198	0.33	cps
Terbium	159-2	8221453	8250332	8251214	8241000	0.21	cps
Thallium	203-1	9163	8856	9110	9043	1.81	cps
Thallium	205-1	22055	22141	22409	22201	0.83	cps
Tin	118-1	49214	51170	50769	50384	2.05	cps
Titanium	47-1	10020	9513	9960	9831	2.82	cps

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Inst Id :P7

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27308	27238	26730	27092	1.16	cps
Vanadium	51-2	27475	27979	28671	28042	2.14	cps
Yttrium	89-1	18734894	18699323	18658046	18697421	0.21	cps
Yttrium	89-2	4782322	4720260	4720798	4741127	0.75	cps
Zinc	66-2	6692	6755	6575	6674	1.37	cps
Zirconium	90-1	22988	23038	23492	23173	1.20	cps
Zirconium	91-1	5118	5068	5188	5124	1.18	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388886	384043	383380	385436	0.78	cps
Antimony	121-1	623753	635006	636125	631628	1.08	cps
Arsenic	75-2	40646	39469	39619	39911	1.60	cps
Barium	135-1	796683	804712	799852	800416	0.51	cps
Barium	137-1	1358495	1377039	1396944	1377493	1.40	cps
Beryllium	9-1	126527	128025	126728	127093	0.64	cps
Bismuth	209-1	7453402	7570739	7505619	7509920	0.78	cps
Bismuth	209-2	5862303	5826507	5830877	5839896	0.33	cps
Bromine	81-1	10894	11194	10821	10970	1.80	cps
Bromine	81-2	97	90	73	87	13.87	cps
Cadmium	108-1	12509	12659	12485	12551	0.75	cps
Cadmium	106-1	22003	21850	21760	21871	0.56	cps
Cadmium	111-1	173057	173981	175435	174158	0.69	cps
Calcium	43-1	256913	256496	255825	256411	0.21	cps
Calcium	44-1	3747200	3737758	3639001	3707986	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343181	337829	335126	338712	1.21	cps
Cobalt	59-2	515822	511334	507116	511424	0.85	cps
Copper	63-2	3716940	3678886	3732517	3709448	0.74	cps
Dysprosium	156-1	60	60	67	62	6.19	cps
Dysprosium	156-2	67	80	67	71	10.82	cps
Erbium	164-1	93	120	90	101	16.26	cps
Erbium	164-2	50	70	70	63	18.23	cps
Gadolinium	160-1	73	57	60	63	13.92	cps
Gadolinium	160-2	353	300	313	322	8.61	cps
Holmium	165-1	12328804	12276858	12308445	12304702	0.21	cps
Holmium	165-2	8446701	8572440	8401598	8473580	1.04	cps
Indium	115-1	10691817	10816134	10406799	10638250	1.97	cps
Indium	115-2	3748231	3708805	3621087	3692708	1.76	cps
Iron	56-2	14334054	14225981	14042079	14200705	1.04	cps
Iron	57-2	378186	374908	374436	375843	0.54	cps
Iron	54-2	847671	836851	836284	840269	0.76	cps
Krypton	83-1	303	363	287	318	12.69	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2197339	2222664	2254572	2224858	1.29	cps
Lead	207-1	1994906	2003214	2060311	2019477	1.76	cps
Lead	208-1	9012402	9099866	9250306	9120858	1.32	cps
Lithium	6-1	1692373	1702197	1732593	1709054	1.23	cps
Magnesium	24-2	3067607	3003635	2942213	3004485	2.09	cps
Manganese	55-2	2391042	2391816	2357673	2380177	0.82	cps
Molybdenum	94-1	2696349	2706878	2663130	2688786	0.85	cps
Molybdenum	95-1	3958087	3957841	3901738	3939222	0.82	cps
Molybdenum	96-1	4295053	4257782	4195400	4249411	1.18	cps
Molybdenum	97-1	2423183	2447768	2471335	2447429	0.98	cps
Molybdenum	98-1	6149718	6269834	6253778	6224443	1.05	cps
Neodymium	150-1	33	57	67	52	32.76	cps
Neodymium	150-2	7	3	33	14	113.83	cps
Nickel	60-2	133585	132206	131723	132505	0.73	cps
Phosphorus	31-2	20324	20457	20183	20321	0.67	cps
Potassium	39-2	1988203	1993858	1985247	1989102	0.22	cps
Rhodium	103-1	10676080	10550861	10534948	10587296	0.73	cps
Rhodium	103-2	6415136	6414856	6263249	6364414	1.38	cps
Scandium	45-1	7349937	7265096	7244495	7286509	0.77	cps
Scandium	45-2	672980	665059	657813	665284	1.14	cps
Selenium	82-1	12318	12415	12325	12353	0.44	cps
Selenium	77-2	1117	1220	1133	1157	4.80	cps
Selenium	78-2	4274	4381	4251	4302	1.61	cps
Silicon	28-1	2116415	2084885	2077126	2092808	0.99	cps
Silver	107-1	865818	878589	869108	871172	0.76	cps
Silver	109-1	813449	820007	809502	814319	0.65	cps
Sodium	23-2	5358871	5231362	5166674	5252302	1.86	cps
Strontium	86-1	5807857	5809669	5812957	5810161	0.04	cps
Strontium	88-1	50834813	50725706	50499964	50686828	0.34	cps
Sulfur	34-1	385686	384289	380873	383616	0.65	cps
Terbium	159-1	12891330	12712574	12718450	12774118	0.79	cps
Terbium	159-2	8578404	8437051	8293331	8436262	1.69	cps
Thallium	203-1	505601	514308	513168	511026	0.93	cps
Thallium	205-1	1201405	1213574	1215614	1210198	0.63	cps
Tin	118-1	542906	552211	545614	546910	0.88	cps
Titanium	47-1	1141843	1134847	1137391	1138027	0.31	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1524343	1548874	1551030	1541416	0.96	cps
Vanadium	51-2	300430	297818	296629	298292	0.65	cps
Yttrium	89-1	19050076	19293841	19173890	19172602	0.64	cps
Yttrium	89-2	4768286	4751495	4718190	4745990	0.54	cps
Zinc	66-2	583895	579686	573336	578972	0.92	cps
Zirconium	90-1	1226575	1249287	1232171	1236011	0.96	cps
Zirconium	91-1	274072	277888	274086	275349	0.80	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860706	859135	855178	858340	0.33	cps
Antimony	121-1	1509192	1572681	1554852	1545575	2.12	cps
Arsenic	75-2	94599	94028	93375	94001	0.65	cps
Barium	135-1	2023299	2058706	2037541	2039849	0.87	cps
Barium	137-1	3446249	3539627	3566969	3517615	1.80	cps
Beryllium	9-1	305073	311046	312288	309469	1.25	cps
Bismuth	209-1	7284283	7368031	7671345	7441219	2.74	cps
Bismuth	209-2	5794623	5848963	5907486	5850357	0.96	cps
Bromine	81-1	11425	10691	11111	11075	3.32	cps
Bromine	81-2	110	133	100	114	14.95	cps
Cadmium	108-1	29667	30582	30515	30255	1.69	cps
Cadmium	106-1	45568	47581	47380	46843	2.37	cps
Cadmium	111-1	407953	414628	413666	412082	0.88	cps
Calcium	43-1	597071	609321	605420	603937	1.04	cps
Calcium	44-1	8569705	8720711	8688467	8659628	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	799457	796190	795837	797161	0.25	cps
Cobalt	59-2	1214310	1214762	1207127	1212066	0.35	cps
Copper	63-2	8841844	8656870	8594214	8697643	1.48	cps
Dysprosium	156-1	63	57	73	64	13.01	cps
Dysprosium	156-2	110	103	93	102	8.21	cps
Erbium	164-1	57	117	100	91	33.99	cps
Erbium	164-2	83	67	50	67	25.00	cps
Gadolinium	160-1	70	90	50	70	28.57	cps
Gadolinium	160-2	333	317	347	332	4.52	cps
Holmium	165-1	12200968	12031135	12155694	12129266	0.73	cps
Holmium	165-2	8548841	8383621	8523448	8485303	1.05	cps
Indium	115-1	10250179	10325031	10518324	10364512	1.33	cps
Indium	115-2	3503261	3498557	3524440	3508753	0.39	cps
Iron	56-2	33791720	33593268	33617310	33667432	0.32	cps
Iron	57-2	885465	883512	883851	884276	0.12	cps
Iron	54-2	1924683	1874333	1895524	1898180	1.33	cps
Krypton	83-1	297	317	303	306	3.33	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5585698	5539491	5589792	5571660	0.50	cps
Lead	207-1	4855700	5022114	4884159	4920658	1.81	cps
Lead	208-1	22051128	22585187	22432193	22356169	1.23	cps
Lithium	6-1	1702283	1759753	1743596	1735211	1.71	cps
Magnesium	24-2	7163136	7105736	7073658	7114177	0.64	cps
Manganese	55-2	5669736	5573546	5571333	5604872	1.00	cps
Molybdenum	94-1	6388071	6493638	6384610	6422106	0.96	cps
Molybdenum	95-1	9238354	9433756	9389634	9353915	1.10	cps
Molybdenum	96-1	10129765	10167612	10261898	10186425	0.67	cps
Molybdenum	97-1	5734960	5815083	5834105	5794716	0.91	cps
Molybdenum	98-1	14553474	14824536	14803139	14727050	1.02	cps
Neodymium	150-1	87	87	87	87	0.00	cps
Neodymium	150-2	17	23	33	24	34.31	cps
Nickel	60-2	310120	311019	309786	310308	0.21	cps
Phosphorus	31-2	47604	47039	46203	46948	1.50	cps
Potassium	39-2	4568788	4493448	4527137	4529791	0.83	cps
Rhodium	103-1	10082234	10010791	10064584	10052536	0.37	cps
Rhodium	103-2	6163787	6142329	6142259	6149458	0.20	cps
Scandium	45-1	6860427	6887432	6891973	6879944	0.25	cps
Scandium	45-2	633017	626893	627276	629062	0.55	cps
Selenium	82-1	28516	28498	28857	28624	0.71	cps
Selenium	77-2	2767	2564	2730	2687	4.03	cps
Selenium	78-2	9593	9540	9760	9631	1.19	cps
Silicon	28-1	5334453	5406739	5440549	5393914	1.00	cps
Silver	107-1	2120420	2102990	2172104	2131838	1.69	cps
Silver	109-1	2011637	2022938	2040139	2024905	0.71	cps
Sodium	23-2	12372393	12398046	12312613	12361017	0.35	cps
Strontium	86-1	13639652	13800373	13709788	13716604	0.59	cps
Strontium	88-1	118805128	121780795	122384112	120990012	1.58	cps
Sulfur	34-1	459829	458599	455431	457953	0.50	cps
Terbium	159-1	12636207	12421755	12652261	12570075	1.02	cps
Terbium	159-2	8322060	8374486	8450870	8382472	0.77	cps
Thallium	203-1	1220019	1260953	1269077	1250016	2.10	cps
Thallium	205-1	3302634	3309926	3357159	3323239	0.89	cps
Tin	118-1	1292751	1315966	1325461	1311393	1.28	cps
Titanium	47-1	2576408	2646030	2644089	2622176	1.51	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4259043	4314697	4322283	4298674	0.80	cps
Vanadium	51-2	706787	704874	701887	704516	0.35	cps
Yttrium	89-1	18149831	18219115	18324426	18231124	0.48	cps
Yttrium	89-2	4653732	4597588	4612031	4621117	0.63	cps
Zinc	66-2	1365026	1354815	1357052	1358964	0.39	cps
Zirconium	90-1	2912049	2920551	2961885	2931495	0.91	cps
Zirconium	91-1	647177	661303	659689	656056	1.18	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1636652	1621359	1615077	1624363	0.68	cps
Antimony	121-1	3093824	3177891	3206708	3159474	1.86	cps
Arsenic	75-2	184969	184548	185065	184861	0.15	cps
Barium	135-1	3977736	4026507	4049760	4018001	0.91	cps
Barium	137-1	6906593	6964373	6963674	6944880	0.48	cps
Beryllium	9-1	602989	616365	615110	611488	1.21	cps
Bismuth	209-1	7549865	7671199	7628576	7616547	0.81	cps
Bismuth	209-2	6003325	5904697	6148135	6018719	2.03	cps
Bromine	81-1	10934	10984	11058	10992	0.56	cps
Bromine	81-2	100	133	110	114	14.95	cps
Cadmium	108-1	58343	58949	59662	58985	1.12	cps
Cadmium	106-1	87478	88320	89339	88379	1.05	cps
Cadmium	111-1	799674	816163	817467	811101	1.22	cps
Calcium	43-1	1156123	1175932	1173323	1168459	0.92	cps
Calcium	44-1	16656809	16727456	16951608	16778624	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1549961	1516525	1536052	1534179	1.09	cps
Cobalt	59-2	2334629	2374667	2347202	2352166	0.87	cps
Copper	63-2	17350296	17058357	17290811	17233155	0.90	cps
Dysprosium	156-1	103	57	73	78	30.40	cps
Dysprosium	156-2	217	177	137	177	22.64	cps
Erbium	164-1	133	100	113	116	14.52	cps
Erbium	164-2	100	100	63	88	24.12	cps
Gadolinium	160-1	77	127	110	104	24.37	cps
Gadolinium	160-2	300	267	290	286	5.99	cps
Holmium	165-1	12471910	12386527	12294281	12384240	0.72	cps
Holmium	165-2	8847272	8648864	8976385	8824174	1.87	cps
Indium	115-1	10242474	10325612	10268010	10278699	0.41	cps
Indium	115-2	3567030	3580687	3604055	3583924	0.52	cps
Iron	56-2	66561044	65298641	66093897	65984527	0.97	cps
Iron	57-2	1665488	1647226	1653041	1655252	0.56	cps
Iron	54-2	3711850	3696029	3695222	3701034	0.25	cps
Krypton	83-1	390	373	330	364	8.50	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11183720	11426722	11555983	11388808	1.66	cps
Lead	207-1	9870572	10091891	10023113	9995192	1.13	cps
Lead	208-1	44965157	45552326	45854223	45457236	0.99	cps
Lithium	6-1	1751525	1751118	1758007	1753550	0.22	cps
Magnesium	24-2	13936311	13845441	13843516	13875090	0.38	cps
Manganese	55-2	10996455	10840539	10968673	10935222	0.76	cps
Molybdenum	94-1	12460664	12499809	12814748	12591740	1.54	cps
Molybdenum	95-1	18297664	18647837	18761698	18569067	1.30	cps
Molybdenum	96-1	19891065	20085284	20368949	20115099	1.19	cps
Molybdenum	97-1	11367591	11581686	11417959	11455745	0.98	cps
Molybdenum	98-1	29136545	29362037	29551457	29350013	0.71	cps
Neodymium	150-1	140	100	137	126	17.68	cps
Neodymium	150-2	40	20	43	34	36.64	cps
Nickel	60-2	607077	612729	599021	606276	1.14	cps
Phosphorus	31-2	90019	90495	90455	90323	0.29	cps
Potassium	39-2	8826565	8780230	8686170	8764322	0.82	cps
Rhodium	103-1	10141589	10050706	9903030	10031775	1.20	cps
Rhodium	103-2	6243002	6226598	6329938	6266512	0.89	cps
Scandium	45-1	6768314	6775825	6689961	6744700	0.71	cps
Scandium	45-2	631854	628605	629598	630019	0.26	cps
Selenium	82-1	54429	55353	56168	55317	1.57	cps
Selenium	77-2	5248	5374	5158	5260	2.07	cps
Selenium	78-2	18141	18095	17891	18042	0.74	cps
Silicon	28-1	10328447	10427650	10604606	10453568	1.34	cps
Silver	107-1	4137850	4163239	4235465	4178851	1.21	cps
Silver	109-1	3939677	3946737	3907651	3931355	0.53	cps
Sodium	23-2	24248060	24144066	24284932	24225686	0.30	cps
Strontium	86-1	26727556	27127623	27345146	27066775	1.16	cps
Strontium	88-1	234231870	239448950	239988250	237889690	1.34	cps
Sulfur	34-1	582995	576195	571952	577048	0.97	cps
Terbium	159-1	12839675	12709250	12764304	12771076	0.51	cps
Terbium	159-2	8421991	8484293	8554857	8487047	0.78	cps
Thallium	203-1	2741202	2880088	2850211	2823834	2.59	cps
Thallium	205-1	6657739	6780137	6784642	6740839	1.07	cps
Tin	118-1	2625587	2667384	2667403	2653458	0.91	cps
Titanium	47-1	5061518	5100041	5162479	5108013	1.00	cps

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Inst Id :P7

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8657189	9072789	8925114	8885031	2.37	cps
Vanadium	51-2	1346608	1332864	1362250	1347240	1.09	cps
Yttrium	89-1	18318264	18195607	18239003	18250958	0.34	cps
Yttrium	89-2	4661850	4589274	4614199	4621774	0.80	cps
Zinc	66-2	2704899	2693716	2692047	2696888	0.26	cps
Zirconium	90-1	5733233	5757355	5808686	5766425	0.67	cps
Zirconium	91-1	1276174	1297844	1303905	1292641	1.13	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3208442	3185019	3177365	3190275	0.51	cps
Antimony	121-1	6228032	6248926	6190981	6222646	0.47	cps
Arsenic	75-2	361016	362405	360765	361395	0.24	cps
Barium	135-1	7887263	8066115	7972442	7975273	1.12	cps
Barium	137-1	13641962	13799846	14061020	13834276	1.53	cps
Beryllium	9-1	1175415	1198408	1188463	1187428	0.97	cps
Bismuth	209-1	7499229	7602790	7639752	7580591	0.96	cps
Bismuth	209-2	5804904	5795871	5882741	5827839	0.82	cps
Bromine	81-1	11168	11431	11274	11291	1.17	cps
Bromine	81-2	137	107	117	120	12.73	cps
Cadmium	108-1	115065	116910	118160	116712	1.33	cps
Cadmium	106-1	168036	169574	171324	169645	0.97	cps
Cadmium	111-1	1570538	1599257	1595200	1588332	0.98	cps
Calcium	43-1	2221634	2216919	2210314	2216289	0.26	cps
Calcium	44-1	32921185	32863490	33029380	32938018	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2984062	2984895	2960496	2976484	0.47	cps
Cobalt	59-2	4646960	4597000	4662594	4635518	0.74	cps
Copper	63-2	33134540	33406235	32973577	33171451	0.66	cps
Dysprosium	156-1	133	137	113	128	9.88	cps
Dysprosium	156-2	337	303	340	327	6.21	cps
Erbium	164-1	217	133	193	181	23.74	cps
Erbium	164-2	100	110	127	112	12.01	cps
Gadolinium	160-1	107	137	107	117	14.85	cps
Gadolinium	160-2	320	330	300	317	4.82	cps
Holmium	165-1	12675770	12776632	12472063	12641489	1.23	cps
Holmium	165-2	8651132	8611596	8709618	8657449	0.57	cps
Indium	115-1	10346784	10367270	10306177	10340077	0.30	cps
Indium	115-2	3524894	3567427	3518565	3536962	0.75	cps
Iron	56-2	129690211	128958955	128784215	129144460	0.37	cps
Iron	57-2	3258230	3238679	3249244	3248717	0.30	cps
Iron	54-2	7245876	7305967	7154765	7235536	1.05	cps
Krypton	83-1	313	307	353	324	7.78	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22298945	22480679	22553896	22444506	0.58	cps
Lead	207-1	19774411	19940573	19816576	19843853	0.44	cps
Lead	208-1	89244998	90517654	90084975	89949209	0.72	cps
Lithium	6-1	1768121	1806777	1761682	1778860	1.37	cps
Magnesium	24-2	27190195	27303500	27080843	27191513	0.41	cps
Manganese	55-2	21564134	21516744	21400884	21493921	0.39	cps
Molybdenum	94-1	24523056	25036885	25299326	24953089	1.58	cps
Molybdenum	95-1	36232392	36721926	36647744	36534021	0.72	cps
Molybdenum	96-1	39289968	39875154	39959604	39708242	0.92	cps
Molybdenum	97-1	22368161	22817718	22629736	22605205	1.00	cps
Molybdenum	98-1	57865691	58201537	58417186	58161471	0.48	cps
Neodymium	150-1	290	270	330	297	10.30	cps
Neodymium	150-2	100	67	57	74	30.48	cps
Nickel	60-2	1173074	1169726	1173626	1172142	0.18	cps
Phosphorus	31-2	177375	178302	175659	177112	0.76	cps
Potassium	39-2	17120269	17214492	16856093	17063618	1.09	cps
Rhodium	103-1	10030880	10036249	10003878	10023669	0.17	cps
Rhodium	103-2	6084378	6133030	6085939	6101116	0.45	cps
Scandium	45-1	6868289	6804203	6785467	6819320	0.64	cps
Scandium	45-2	629048	631910	625360	628773	0.52	cps
Selenium	82-1	106974	107955	107948	107626	0.52	cps
Selenium	77-2	10510	10564	10584	10553	0.36	cps
Selenium	78-2	35502	35158	34313	34991	1.75	cps
Silicon	28-1	22473298	22680572	22795867	22649912	0.72	cps
Silver	107-1	8096719	8180810	8148511	8142013	0.52	cps
Silver	109-1	7679881	7729925	7711113	7706973	0.33	cps
Sodium	23-2	47436316	47280101	47166093	47294170	0.29	cps
Strontium	86-1	53627008	53309308	54125166	53687160	0.77	cps
Strontium	88-1	465209660	473980353	470025273	469738429	0.94	cps
Sulfur	34-1	837211	838977	833520	836569	0.33	cps
Terbium	159-1	12888551	13211366	12979188	13026368	1.28	cps
Terbium	159-2	8589219	8718743	8700604	8669522	0.81	cps
Thallium	203-1	5603365	5571152	5581376	5585298	0.29	cps
Thallium	205-1	13140692	13472975	13662974	13425547	1.97	cps
Tin	118-1	5222725	5267170	5380053	5289983	1.53	cps
Titanium	47-1	10015572	10140193	10094218	10083328	0.62	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17212776	17717026	17467049	17465617	1.44	cps
Vanadium	51-2	2647118	2686327	2632789	2655411	1.04	cps
Yttrium	89-1	18368408	18545432	18409604	18441148	0.50	cps
Yttrium	89-2	4638571	4668029	4567804	4624801	1.11	cps
Zinc	66-2	5177974	5124607	5128547	5143709	0.58	cps
Zirconium	90-1	11284044	11672062	11601012	11519039	1.79	cps
Zirconium	91-1	2522440	2568049	2601075	2563855	1.54	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6477075	6498101	6414459	6463212	0.67	cps
Antimony	121-1	12365129	12716207	12797724	12626353	1.82	cps
Arsenic	75-2	734575	735324	732439	734113	0.20	cps
Barium	135-1	16093740	16564259	16713594	16457197	1.97	cps
Barium	137-1	28068479	28688867	28482377	28413241	1.11	cps
Beryllium	9-1	2238438	2332687	2284247	2285124	2.06	cps
Bismuth	209-1	7523579	7528491	7659815	7570629	1.02	cps
Bismuth	209-2	5744466	5853354	5766277	5788032	1.00	cps
Bromine	81-1	11048	10921	11445	11138	2.45	cps
Bromine	81-2	90	100	93	94	5.39	cps
Cadmium	108-1	230091	233873	235737	233234	1.23	cps
Cadmium	106-1	332371	336205	340882	336486	1.27	cps
Cadmium	111-1	3206703	3291336	3272903	3256980	1.37	cps
Calcium	43-1	4452169	4507620	4590113	4516634	1.54	cps
Calcium	44-1	67240524	67999331	68219286	67819713	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6030001	6052266	5951627	6011298	0.88	cps
Cobalt	59-2	9271014	9256813	9169892	9232573	0.59	cps
Copper	63-2	66085816	66184591	65577806	65949404	0.49	cps
Dysprosium	156-1	303	257	233	264	13.48	cps
Dysprosium	156-2	697	663	690	683	2.58	cps
Erbium	164-1	267	350	257	291	17.60	cps
Erbium	164-2	157	150	170	159	6.41	cps
Gadolinium	160-1	180	207	180	189	8.15	cps
Gadolinium	160-2	413	353	420	396	9.28	cps
Holmium	165-1	12567492	13136790	12882509	12862264	2.22	cps
Holmium	165-2	8798432	8788138	8706834	8764468	0.57	cps
Indium	115-1	10141250	10345211	10371989	10286150	1.23	cps
Indium	115-2	3497507	3394024	3436104	3442545	1.51	cps
Iron	56-2	262631956	261439956	259377503	261149805	0.63	cps
Iron	57-2	6567567	6502950	6488245	6519587	0.65	cps
Iron	54-2	14632609	14585129	14318216	14511985	1.17	cps
Krypton	83-1	350	407	310	356	13.66	cps

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Inst Id :P7

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	44448014	44754449	45861469	45021311	1.65	cps
Lead	207-1	39732445	40054046	40470573	40085688	0.92	cps
Lead	208-1	180806784	181489487	183340111	181878794	0.72	cps
Lithium	6-1	1751653	1739621	1750260	1747178	0.38	cps
Magnesium	24-2	55309646	56149466	54174994	55211369	1.79	cps
Manganese	55-2	43811274	43863181	42946663	43540373	1.18	cps
Molybdenum	94-1	51016291	51722743	52011836	51583623	0.99	cps
Molybdenum	95-1	74357496	75193042	75357501	74969346	0.72	cps
Molybdenum	96-1	80054107	81643814	81910669	81202863	1.24	cps
Molybdenum	97-1	45404519	46951334	46223529	46193128	1.68	cps
Molybdenum	98-1	116720758	119478665	118854232	118351218	1.22	cps
Neodymium	150-1	560	613	577	583	4.68	cps
Neodymium	150-2	143	140	170	151	10.88	cps
Nickel	60-2	2400637	2398133	2348641	2382471	1.23	cps
Phosphorus	31-2	358663	360854	356116	358544	0.66	cps
Potassium	39-2	34517297	34973656	34235556	34575503	1.08	cps
Rhodium	103-1	9987702	9920329	9953278	9953770	0.34	cps
Rhodium	103-2	6012356	6052797	6058148	6041100	0.41	cps
Scandium	45-1	6878183	6916932	6930161	6908425	0.39	cps
Scandium	45-2	630385	638454	629218	632686	0.79	cps
Selenium	82-1	212342	216673	217757	215591	1.33	cps
Selenium	77-2	20881	21593	20401	20958	2.86	cps
Selenium	78-2	70048	69649	69284	69660	0.55	cps
Silicon	28-1	41068703	41366222	41351784	41262236	0.41	cps
Silver	107-1	15909490	16115334	16281988	16102271	1.16	cps
Silver	109-1	15077591	15364050	15261597	15234413	0.95	cps
Sodium	23-2	97078565	96791119	95727005	96532230	0.74	cps
Strontium	86-1	108283288	110491835	110672818	109815981	1.21	cps
Strontium	88-1	940808226	961910066	955797159	952838484	1.14	cps
Sulfur	34-1	1450616	1467452	1450847	1456305	0.66	cps
Terbium	159-1	13069674	13290567	13265538	13208593	0.92	cps
Terbium	159-2	8763113	8572452	8665473	8667013	1.10	cps
Thallium	203-1	11105614	11396095	11402799	11301503	1.50	cps
Thallium	205-1	26860350	27315932	27145337	27107206	0.85	cps
Tin	118-1	10471179	10787624	10894317	10717707	2.05	cps
Titanium	47-1	20607894	20820230	20823900	20750675	0.60	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35442626	36099036	36959942	36167201	2.10	cps
Vanadium	51-2	5391203	5435379	5354002	5393528	0.76	cps
Yttrium	89-1	18411152	18575900	18794250	18593767	1.03	cps
Yttrium	89-2	4603179	4641130	4625546	4623285	0.41	cps
Zinc	66-2	10349255	10305695	10195899	10283616	0.77	cps
Zirconium	90-1	23154871	23685038	23671425	23503778	1.29	cps
Zirconium	91-1	5155802	5277218	5275129	5236050	1.33	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32821013	33174565	33132160	33042579	0.58	cps
Antimony	121-1	8633	8453	8586	8557	1.09	cps
Arsenic	75-2	377	420	450	416	8.87	cps
Barium	135-1	6522	6728	6732	6661	1.81	cps
Barium	137-1	11325	11338	10841	11168	2.54	cps
Beryllium	9-1	274	473	229	325	39.94	cps
Bismuth	209-1	6675532	6636156	6613700	6641796	0.47	cps
Bismuth	209-2	5233989	5142541	5163978	5180169	0.92	cps
Bromine	81-1	11665	12028	11711	11801	1.68	cps
Bromine	81-2	160	140	153	151	6.74	cps
Cadmium	108-1	110	60	80	83	30.20	cps
Cadmium	106-1	3837	3507	3564	3636	4.85	cps
Cadmium	111-1	3046	2766	2872	2895	4.87	cps
Calcium	43-1	18495073	18762369	18886223	18714555	1.07	cps
Calcium	44-1	302820042	303187782	307959675	304655833	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20120	20217	20017	20118	0.50	cps
Cobalt	59-2	24370	24146	23809	24108	1.17	cps
Copper	63-2	14837	14754	14587	14726	0.87	cps
Dysprosium	156-1	420	427	467	438	5.77	cps
Dysprosium	156-2	340	377	353	357	5.20	cps
Erbium	164-1	493	550	500	514	6.02	cps
Erbium	164-2	343	337	313	331	4.76	cps
Gadolinium	160-1	383	420	380	394	5.63	cps
Gadolinium	160-2	550	517	603	557	7.85	cps
Holmium	165-1	12267574	12246395	12240981	12251650	0.11	cps
Holmium	165-2	8394316	8492395	8334744	8407151	0.95	cps
Indium	115-1	9871718	9755616	9724267	9783867	0.79	cps
Indium	115-2	3436020	3469273	3423127	3442807	0.69	cps
Iron	56-2	1243577901	1253175368	1255027075	1250593448	0.49	cps
Iron	57-2	31265751	31376247	31495391	31379130	0.37	cps
Iron	54-2	68885954	69181129	68672589	68913224	0.37	cps
Krypton	83-1	353	373	343	357	4.28	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8239	14798	6955	9997	42.08	cps
Lead	207-1	6999	13221	6118	8779	44.10	cps
Lead	208-1	31942	57451	28015	39136	40.84	cps
Lithium	6-1	1646495	1652313	1648295	1649035	0.18	cps
Magnesium	24-2	277429043	274654563	276722329	276268645	0.52	cps
Manganese	55-2	21586	21879	21242	21569	1.48	cps
Molybdenum	94-1	11975	11428	11548	11650	2.47	cps
Molybdenum	95-1	10991	10871	10474	10779	2.51	cps
Molybdenum	96-1	23279	23593	23542	23471	0.72	cps
Molybdenum	97-1	7045	7088	6585	6906	4.04	cps
Molybdenum	98-1	17507	16736	16159	16801	4.03	cps
Neodymium	150-1	187	277	247	237	19.36	cps
Neodymium	150-2	177	160	137	158	12.73	cps
Nickel	60-2	9240	8766	9013	9006	2.63	cps
Phosphorus	31-2	310	317	300	309	2.71	cps
Potassium	39-2	178043104	179564284	179473884	179027091	0.48	cps
Rhodium	103-1	8976110	8959003	9067273	9000795	0.65	cps
Rhodium	103-2	5578643	5549413	5501006	5543021	0.71	cps
Scandium	45-1	6714948	6759975	6717022	6730648	0.38	cps
Scandium	45-2	634705	637514	628598	633605	0.72	cps
Selenium	82-1	645	635	700	660	5.26	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	407	477	443	442	7.92	cps
Silicon	28-1	435274	427394	423167	428612	1.43	cps
Silver	107-1	2317	2314	1990	2207	8.50	cps
Silver	109-1	2394	2050	1957	2134	10.78	cps
Sodium	23-2	470834846	468594326	469644006	469691060	0.24	cps
Strontium	86-1	18896	18455	17684	18345	3.34	cps
Strontium	88-1	161165	158092	147666	155641	4.55	cps
Sulfur	34-1	243835	245501	248754	246030	1.02	cps
Terbium	159-1	12670663	12393139	12626856	12563553	1.19	cps
Terbium	159-2	8261429	8372964	8199559	8277984	1.06	cps
Thallium	203-1	1487	1624	1013	1375	23.29	cps
Thallium	205-1	3614	7414	2600	4543	55.86	cps
Tin	118-1	6355	6525	6365	6415	1.49	cps
Titanium	47-1	2514	2770	2324	2536	8.85	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2324	5126	1690	3047	60.02	cps
Vanadium	51-2	1290	1163	1163	1206	6.07	cps
Yttrium	89-1	17756937	17813261	17777624	17782607	0.16	cps
Yttrium	89-2	4630811	4653406	4633012	4639076	0.27	cps
Zinc	66-2	5418	5004	4924	5115	5.18	cps
Zirconium	90-1	13416	13873	13863	13718	1.90	cps
Zirconium	91-1	3077	3027	3104	3069	1.27	cps

Reviewed By:Mohan
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Inst Id :P7

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172188	169804	170112	170701	0.76	cps
Antimony	121-1	2459948	2459014	2510456	2476473	1.19	cps
Arsenic	75-2	155478	153797	152679	153985	0.91	cps
Barium	135-1	293792	296200	297912	295968	0.70	cps
Barium	137-1	506956	513700	512548	511068	0.71	cps
Beryllium	9-1	208308	209112	212491	209970	1.06	cps
Bismuth	209-1	7324638	7348218	7365054	7345970	0.28	cps
Bismuth	209-2	5874749	5796975	5885176	5852300	0.82	cps
Bromine	81-1	12739	12369	12272	12460	1.98	cps
Bromine	81-2	160	127	157	148	12.42	cps
Cadmium	108-1	20571	21433	21650	21218	2.69	cps
Cadmium	106-1	32366	32530	33201	32699	1.35	cps
Cadmium	111-1	317305	326477	326231	323338	1.62	cps
Calcium	43-1	81286	82137	81511	81645	0.54	cps
Calcium	44-1	1256069	1272709	1280255	1269678	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663808	658063	660992	660954	0.43	cps
Cobalt	59-2	1009189	998663	992687	1000180	0.84	cps
Copper	63-2	678281	681500	677263	679015	0.33	cps
Dysprosium	156-1	47	50	40	46	11.18	cps
Dysprosium	156-2	30	60	53	48	32.97	cps
Erbium	164-1	83	70	73	76	9.18	cps
Erbium	164-2	40	40	67	49	31.50	cps
Gadolinium	160-1	67	67	37	57	30.56	cps
Gadolinium	160-2	363	337	343	348	3.99	cps
Holmium	165-1	11735926	12089621	12151194	11992247	1.87	cps
Holmium	165-2	8679937	8586204	8555303	8607148	0.75	cps
Indium	115-1	10449908	10466488	10413133	10443177	0.26	cps
Indium	115-2	3734846	3779567	3753627	3756013	0.60	cps
Iron	56-2	10891755	10810255	10827552	10843187	0.40	cps
Iron	57-2	285730	283090	284556	284459	0.46	cps
Iron	54-2	657153	651999	649100	652751	0.62	cps
Krypton	83-1	333	313	323	323	3.09	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1817339	1817287	1833381	1822669	0.51	cps
Lead	207-1	1365542	1380327	1393118	1379662	1.00	cps
Lead	208-1	6964166	6948777	7049061	6987334	0.77	cps
Lithium	6-1	1658099	1686812	1666338	1670416	0.89	cps
Magnesium	24-2	718008	711451	716531	715330	0.48	cps
Manganese	55-2	469592	468082	462843	466839	0.76	cps
Molybdenum	94-1	1710	1790	1787	1762	2.57	cps
Molybdenum	95-1	790	743	870	801	8.00	cps
Molybdenum	96-1	1140	1147	1277	1188	6.49	cps
Molybdenum	97-1	410	437	473	440	7.23	cps
Molybdenum	98-1	1323	1227	1173	1241	6.13	cps
Neodymium	150-1	23	17	30	23	28.56	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	259784	255311	255624	256906	0.97	cps
Phosphorus	31-2	213	267	240	240	11.11	cps
Potassium	39-2	1518366	1522735	1512348	1517817	0.34	cps
Rhodium	103-1	10362919	10434976	10438941	10412279	0.41	cps
Rhodium	103-2	6586253	6428119	6347676	6454016	1.88	cps
Scandium	45-1	7173738	7159318	7034874	7122643	1.07	cps
Scandium	45-2	680974	674462	675127	676854	0.53	cps
Selenium	82-1	45361	46204	46145	45903	1.02	cps
Selenium	77-2	4411	4521	4577	4503	1.88	cps
Selenium	78-2	15835	15959	15939	15911	0.42	cps
Silicon	28-1	363459	365816	370568	366615	0.99	cps
Silver	107-1	779144	790879	799096	789706	1.27	cps
Silver	109-1	737019	743932	747045	742665	0.69	cps
Sodium	23-2	2019058	1964491	1992525	1992025	1.37	cps
Strontium	86-1	2197	2260	2387	2281	4.24	cps
Strontium	88-1	14881	14794	14954	14877	0.54	cps
Sulfur	34-1	297764	293897	291777	294479	1.03	cps
Terbium	159-1	12629034	12516091	12595424	12580183	0.46	cps
Terbium	159-2	8544417	8516402	8494564	8518461	0.29	cps
Thallium	203-1	2257189	2308070	2282208	2282489	1.11	cps
Thallium	205-1	5542451	5471686	5454146	5489427	0.85	cps
Tin	118-1	3010	3010	3117	3046	2.02	cps
Titanium	47-1	437	397	450	428	6.49	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	250	233	287	257	10.63	cps
Vanadium	51-2	571627	568390	568959	569659	0.30	cps
Yttrium	89-1	18459064	18949852	18702339	18703752	1.31	cps
Yttrium	89-2	4952189	4854279	4834309	4880259	1.29	cps
Zinc	66-2	217653	217345	215732	216910	0.48	cps
Zirconium	90-1	3987	3857	4041	3962	2.38	cps
Zirconium	91-1	1147	1070	1000	1072	6.84	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25321	25775	24880	25325	1.77	cps
Antimony	121-1	1310	1600	1740	1550	14.15	cps
Arsenic	75-2	17	23	43	28	49.95	cps
Barium	135-1	307	353	333	331	7.07	cps
Barium	137-1	500	483	577	520	9.57	cps
Beryllium	9-1	129	65	75	90	37.86	cps
Bismuth	209-1	7431382	7520375	7533299	7495019	0.74	cps
Bismuth	209-2	6016374	6066677	5937081	6006711	1.09	cps
Bromine	81-1	12659	12719	12429	12602	1.22	cps
Bromine	81-2	73	80	110	88	22.25	cps
Cadmium	108-1	17	3	23	14	70.51	cps
Cadmium	106-1	3777	3831	3674	3761	2.12	cps
Cadmium	111-1	2709	2716	2615	2680	2.09	cps
Calcium	43-1	780	757	763	767	1.57	cps
Calcium	44-1	34665	34307	34367	34446	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1870	1897	1833	1867	1.70	cps
Cobalt	59-2	173	240	187	200	17.64	cps
Copper	63-2	4204	4451	4334	4330	2.85	cps
Dysprosium	156-1	43	43	27	38	25.46	cps
Dysprosium	156-2	33	17	23	24	34.31	cps
Erbium	164-1	90	110	107	102	10.48	cps
Erbium	164-2	70	53	37	53	31.25	cps
Gadolinium	160-1	33	47	73	51	39.85	cps
Gadolinium	160-2	310	300	267	292	7.77	cps
Holmium	165-1	12667802	12548201	12594524	12603509	0.48	cps
Holmium	165-2	8582410	8795859	8747992	8708753	1.29	cps
Indium	115-1	11053428	11092491	10998763	11048227	0.43	cps
Indium	115-2	3830430	3768218	3831395	3810015	0.95	cps
Iron	56-2	51695	51518	51755	51656	0.24	cps
Iron	57-2	3177	3220	3267	3221	1.40	cps
Iron	54-2	4244	4531	4251	4342	3.77	cps
Krypton	83-1	340	390	287	339	15.25	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	973	1023	1017	1004	2.70	cps
Lead	207-1	990	847	790	876	11.77	cps
Lead	208-1	4134	3904	3764	3934	4.75	cps
Lithium	6-1	1745364	1744121	1722329	1737271	0.75	cps
Magnesium	24-2	3287	3244	3207	3246	1.23	cps
Manganese	55-2	1860	1727	1733	1773	4.24	cps
Molybdenum	94-1	660	733	743	712	6.39	cps
Molybdenum	95-1	497	593	533	541	9.02	cps
Molybdenum	96-1	653	633	653	647	1.79	cps
Molybdenum	97-1	307	303	367	326	10.95	cps
Molybdenum	98-1	793	830	857	827	3.85	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	407	350	377	378	7.50	cps
Phosphorus	31-2	233	233	253	240	4.81	cps
Potassium	39-2	101492	101113	101317	101307	0.19	cps
Rhodium	103-1	10862741	10870355	10710644	10814580	0.83	cps
Rhodium	103-2	6639817	6694137	6599043	6644332	0.72	cps
Scandium	45-1	7379058	7415732	7443704	7412831	0.44	cps
Scandium	45-2	687538	694674	690797	691003	0.52	cps
Selenium	82-1	496	533	669	566	16.08	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	543	500	503	516	4.68	cps
Silicon	28-1	361003	364054	360252	361770	0.56	cps
Silver	107-1	697	580	593	623	10.24	cps
Silver	109-1	650	480	427	519	22.48	cps
Sodium	23-2	67273	66931	66462	66889	0.61	cps
Strontium	86-1	1197	1160	1060	1139	6.21	cps
Strontium	88-1	5004	4838	4657	4833	3.59	cps
Sulfur	34-1	287647	291546	288738	289310	0.70	cps
Terbium	159-1	12987375	13048006	13058389	13031256	0.29	cps
Terbium	159-2	8491448	8661905	8652404	8601919	1.11	cps
Thallium	203-1	640	587	513	580	10.96	cps
Thallium	205-1	1353	1223	1167	1248	7.67	cps
Tin	118-1	2517	2730	2524	2590	4.68	cps
Titanium	47-1	400	390	393	394	1.29	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	210	230	217	219	4.65	cps
Vanadium	51-2	103	73	90	89	16.92	cps
Yttrium	89-1	19618788	19606073	19379948	19534936	0.69	cps
Yttrium	89-2	4923334	5064363	4995063	4994254	1.41	cps
Zinc	66-2	3484	3490	3207	3394	4.77	cps
Zirconium	90-1	983	987	1157	1042	9.51	cps
Zirconium	91-1	180	270	233	228	19.87	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30813759	30881324	30320777	30671953	1.00	cps
Antimony	121-1	13627	14100	14377	14035	2.71	cps
Arsenic	75-2	230	220	253	234	7.30	cps
Barium	135-1	4457	4304	4497	4420	2.31	cps
Barium	137-1	7429	7562	7832	7608	2.70	cps
Beryllium	9-1	649	630	639	639	1.55	cps
Bismuth	209-1	6901197	7028150	7158474	7029274	1.83	cps
Bismuth	209-2	5555472	5444503	5537636	5512537	1.08	cps
Bromine	81-1	12849	12549	12455	12618	1.63	cps
Bromine	81-2	257	203	253	238	12.56	cps
Cadmium	108-1	1767	1543	1727	1679	7.09	cps
Cadmium	106-1	3667	3510	3400	3526	3.80	cps
Cadmium	111-1	3360	3484	3215	3353	4.01	cps
Calcium	43-1	3668165	3771920	3781578	3740554	1.68	cps
Calcium	44-1	59878939	61299464	61268849	60815751	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127883	127137	126985	127335	0.38	cps
Cobalt	59-2	12359	11925	12142	12142	1.79	cps
Copper	63-2	50823	51227	50849	50966	0.44	cps
Dysprosium	156-1	87	100	67	84	19.87	cps
Dysprosium	156-2	70	60	57	62	11.15	cps
Erbium	164-1	130	147	140	139	6.04	cps
Erbium	164-2	97	70	87	84	15.95	cps
Gadolinium	160-1	87	113	77	92	20.55	cps
Gadolinium	160-2	360	330	307	332	8.05	cps
Holmium	165-1	12277525	12386546	12484644	12382905	0.84	cps
Holmium	165-2	8519121	8625683	8542874	8562559	0.65	cps
Indium	115-1	10154774	10329016	10345483	10276424	1.03	cps
Indium	115-2	3575213	3554493	3587961	3572556	0.47	cps
Iron	56-2	530064072	523958526	526465392	526829330	0.58	cps
Iron	57-2	13151036	13201148	12888058	13080081	1.29	cps
Iron	54-2	29079284	29140351	28655555	28958397	0.91	cps
Krypton	83-1	363	300	330	331	9.57	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35299	36101	36185	35862	1.36	cps
Lead	207-1	28136	28998	28747	28627	1.55	cps
Lead	208-1	132322	134961	136553	134612	1.59	cps
Lithium	6-1	1656470	1670613	1691280	1672787	1.05	cps
Magnesium	24-2	55538313	55866639	55200208	55535053	0.60	cps
Manganese	55-2	36668	35953	36651	36424	1.12	cps
Molybdenum	94-1	7237392	7444674	7352362	7344810	1.41	cps
Molybdenum	95-1	12740455	12989567	12928645	12886222	1.01	cps
Molybdenum	96-1	13613376	13883272	13987422	13828023	1.40	cps
Molybdenum	97-1	7971751	8068549	8075524	8038608	0.72	cps
Molybdenum	98-1	20360576	20538589	20399672	20432946	0.46	cps
Neodymium	150-1	63	80	73	72	11.62	cps
Neodymium	150-2	33	27	37	32	15.80	cps
Nickel	60-2	13406	13189	13156	13250	1.03	cps
Phosphorus	31-2	1742974	1744238	1759411	1748874	0.52	cps
Potassium	39-2	69727352	69668641	69325152	69573715	0.31	cps
Rhodium	103-1	9654996	9710929	9715245	9693724	0.35	cps
Rhodium	103-2	6069043	5938965	5886418	5964809	1.58	cps
Scandium	45-1	6821272	6887391	6964313	6890992	1.04	cps
Scandium	45-2	651023	650345	649525	650298	0.12	cps
Selenium	82-1	526	586	490	534	9.15	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	367	390	403	387	4.80	cps
Silicon	28-1	479748	483318	487693	483586	0.82	cps
Silver	107-1	1547	1187	1017	1250	21.65	cps
Silver	109-1	1413	1023	1057	1165	18.57	cps
Sodium	23-2	97363092	96734745	95676829	96591555	0.88	cps
Strontium	86-1	144285	149742	150440	148156	2.27	cps
Strontium	88-1	1269998	1297613	1297254	1288289	1.23	cps
Sulfur	34-1	5849738	5905785	5981872	5912465	1.12	cps
Terbium	159-1	12464229	12613299	12738410	12605313	1.09	cps
Terbium	159-2	8644161	8287116	8497738	8476338	2.12	cps
Thallium	203-1	1090	1037	1307	1145	12.50	cps
Thallium	205-1	2610	2834	2764	2736	4.18	cps
Tin	118-1	3941	4044	4124	4036	2.28	cps
Titanium	47-1	3692096	3770898	3751927	3738307	1.10	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	670	693	680	681	1.72	cps
Vanadium	51-2	917	1090	1157	1054	11.75	cps
Yttrium	89-1	18307048	18227967	18420559	18318525	0.53	cps
Yttrium	89-2	4734769	4662731	4712713	4703404	0.78	cps
Zinc	66-2	12552	12652	12545	12583	0.48	cps
Zirconium	90-1	4341	5238	5661	5080	13.27	cps
Zirconium	91-1	1067	1217	1240	1175	8.01	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30421578	30106440	30159064	30229027	0.56	cps
Antimony	121-1	250769	251146	253455	251790	0.58	cps
Arsenic	75-2	15048	14864	15098	15003	0.82	cps
Barium	135-1	63146	63441	63297	63294	0.23	cps
Barium	137-1	109712	109363	109407	109494	0.17	cps
Beryllium	9-1	40215	40288	41180	40561	1.32	cps
Bismuth	209-1	7316854	7095248	7194875	7202326	1.54	cps
Bismuth	209-2	5551289	5609979	5605483	5588917	0.58	cps
Bromine	81-1	13413	13910	14317	13880	3.26	cps
Bromine	81-2	467	357	387	403	14.10	cps
Cadmium	108-1	5594	5684	5688	5656	0.94	cps
Cadmium	106-1	8836	8943	8833	8871	0.71	cps
Cadmium	111-1	62346	64182	63768	63432	1.52	cps
Calcium	43-1	3691858	3843445	3786941	3774081	2.03	cps
Calcium	44-1	60170629	61672081	61058024	60966911	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251241	249915	248997	250051	0.45	cps
Cobalt	59-2	198123	197914	197083	197707	0.28	cps
Copper	63-2	174771	173665	173887	174108	0.34	cps
Dysprosium	156-1	70	83	70	74	10.34	cps
Dysprosium	156-2	47	77	50	58	28.46	cps
Erbium	164-1	113	103	130	116	11.66	cps
Erbium	164-2	87	77	77	80	7.22	cps
Gadolinium	160-1	103	113	110	109	4.68	cps
Gadolinium	160-2	327	327	327	327	0.00	cps
Holmium	165-1	12656211	12452275	12488895	12532461	0.87	cps
Holmium	165-2	8633766	8680203	8672540	8662170	0.29	cps
Indium	115-1	10720898	10182228	10320649	10407925	2.69	cps
Indium	115-2	3592314	3642889	3606349	3613850	0.72	cps
Iron	56-2	515490086	516246699	516799366	516178717	0.13	cps
Iron	57-2	12831659	12744701	12781456	12785939	0.34	cps
Iron	54-2	28739837	28649639	28533413	28640963	0.36	cps
Krypton	83-1	297	357	403	352	15.18	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	206920	208235	210418	208524	0.85	cps
Lead	207-1	175687	176875	176299	176287	0.34	cps
Lead	208-1	806881	815485	817031	813132	0.67	cps
Lithium	6-1	1621939	1670698	1638235	1643624	1.51	cps
Magnesium	24-2	55071604	54708421	54625719	54801915	0.43	cps
Manganese	55-2	124452	124012	122718	123728	0.73	cps
Molybdenum	94-1	7205169	7377387	7331696	7304750	1.22	cps
Molybdenum	95-1	12597436	13002072	12947920	12849142	1.71	cps
Molybdenum	96-1	13596045	13698834	13709469	13668116	0.46	cps
Molybdenum	97-1	7837222	7987704	8045458	7956795	1.35	cps
Molybdenum	98-1	20043629	20457898	20343977	20281835	1.06	cps
Neodymium	150-1	53	70	57	60	14.70	cps
Neodymium	150-2	23	50	30	34	40.30	cps
Nickel	60-2	59471	61505	59963	60313	1.76	cps
Phosphorus	31-2	1736286	1717796	1746396	1733493	0.84	cps
Potassium	39-2	68962651	68547282	68449792	68653242	0.40	cps
Rhodium	103-1	9999562	9914030	9875168	9929587	0.64	cps
Rhodium	103-2	6143153	6168348	6088185	6133229	0.67	cps
Scandium	45-1	7055727	7126890	6997148	7059921	0.92	cps
Scandium	45-2	668350	668411	661553	666105	0.59	cps
Selenium	82-1	4619	4785	4822	4742	2.28	cps
Selenium	77-2	357	380	453	397	12.72	cps
Selenium	78-2	1763	1767	1900	1810	4.31	cps
Silicon	28-1	490659	496812	500936	496136	1.04	cps
Silver	107-1	291916	297548	297314	295593	1.08	cps
Silver	109-1	276084	277813	278500	277466	0.45	cps
Sodium	23-2	95606515	94593019	93880315	94693283	0.92	cps
Strontium	86-1	146706	148843	148783	148110	0.82	cps
Strontium	88-1	1276422	1290219	1294801	1287147	0.74	cps
Sulfur	34-1	5781696	5850597	5963257	5865183	1.56	cps
Terbium	159-1	12907666	12983638	12920885	12937396	0.31	cps
Terbium	159-2	8470342	8596111	8481289	8515914	0.82	cps
Thallium	203-1	216971	216622	217426	217006	0.19	cps
Thallium	205-1	511610	517311	516776	515232	0.61	cps
Tin	118-1	3570	3837	3891	3766	4.55	cps
Titanium	47-1	3692988	3794800	3728309	3738699	1.38	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	673	720	630	674	6.67	cps
Vanadium	51-2	111024	110702	110777	110834	0.15	cps
Yttrium	89-1	18710555	18767058	18826609	18768074	0.31	cps
Yttrium	89-2	4856301	4785974	4742953	4795076	1.19	cps
Zinc	66-2	32242	32973	32809	32675	1.18	cps
Zirconium	90-1	2357	2664	2920	2647	10.66	cps
Zirconium	91-1	520	653	663	612	13.07	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17141208	17112161	17239148	17164172	0.39	cps
Antimony	121-1	6132799	6310496	6243934	6229077	1.44	cps
Arsenic	75-2	364402	364900	364669	364657	0.07	cps
Barium	135-1	8081297	8262691	8115678	8153222	1.18	cps
Barium	137-1	13973022	14113734	14057464	14048073	0.50	cps
Beryllium	9-1	1148766	1170495	1163340	1160867	0.95	cps
Bismuth	209-1	7107027	7068254	7238830	7138037	1.25	cps
Bismuth	209-2	5402316	5461797	5449040	5437718	0.58	cps
Bromine	81-1	11815	12168	11595	11859	2.44	cps
Bromine	81-2	143	140	120	134	9.39	cps
Cadmium	108-1	111011	114323	113698	113011	1.56	cps
Cadmium	106-1	163862	166331	165184	165126	0.75	cps
Cadmium	111-1	1513281	1536169	1536711	1528720	0.87	cps
Calcium	43-1	9976739	10077427	10033202	10029123	0.50	cps
Calcium	44-1	158547691	160836024	160797011	160060242	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3149544	3067613	3096008	3104389	1.34	cps
Cobalt	59-2	4930185	4979635	4973447	4961089	0.54	cps
Copper	63-2	34335144	34287158	34237184	34286495	0.14	cps
Dysprosium	156-1	373	357	320	350	7.80	cps
Dysprosium	156-2	470	530	447	482	8.92	cps
Erbium	164-1	337	353	430	373	13.33	cps
Erbium	164-2	223	253	263	247	8.44	cps
Gadolinium	160-1	303	317	297	306	3.33	cps
Gadolinium	160-2	440	500	490	477	6.74	cps
Holmium	165-1	12437196	12669804	12483253	12530084	0.98	cps
Holmium	165-2	8581057	8546763	8719264	8615694	1.06	cps
Indium	115-1	10257873	10142703	10232917	10211164	0.59	cps
Indium	115-2	3511780	3468813	3420578	3467057	1.32	cps
Iron	56-2	654021297	660617230	656329444	656989324	0.51	cps
Iron	57-2	16221148	16371575	16325220	16305981	0.47	cps
Iron	54-2	36223705	36512097	36119920	36285241	0.56	cps
Krypton	83-1	393	373	397	388	3.25	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21583454	21794308	21861591	21746451	0.67	cps
Lead	207-1	19234243	19352447	19444962	19343884	0.55	cps
Lead	208-1	87024688	87555577	88553964	87711410	0.89	cps
Lithium	6-1	1625946	1645103	1638342	1636463	0.59	cps
Magnesium	24-2	141400348	143040045	143386771	142609055	0.74	cps
Manganese	55-2	22222697	22044757	22107903	22125119	0.41	cps
Molybdenum	94-1	25799282	25910512	26171845	25960547	0.74	cps
Molybdenum	95-1	37639125	37796944	38098340	37844803	0.62	cps
Molybdenum	96-1	40834021	41596262	41949318	41459867	1.37	cps
Molybdenum	97-1	23164044	23568518	23839857	23524140	1.45	cps
Molybdenum	98-1	59502566	60086052	60615132	60067917	0.93	cps
Neodymium	150-1	410	327	403	380	12.19	cps
Neodymium	150-2	150	127	127	134	10.02	cps
Nickel	60-2	1231081	1225281	1227315	1227893	0.24	cps
Phosphorus	31-2	186143	186400	185671	186071	0.20	cps
Potassium	39-2	90803889	91237799	90698479	90913389	0.31	cps
Rhodium	103-1	9697700	9607782	9644399	9649960	0.47	cps
Rhodium	103-2	5904436	5822870	5888137	5871814	0.74	cps
Scandium	45-1	7028820	7066868	7006047	7033911	0.44	cps
Scandium	45-2	657390	650516	655304	654403	0.54	cps
Selenium	82-1	103774	104645	105661	104693	0.90	cps
Selenium	77-2	10300	10314	9870	10161	2.48	cps
Selenium	78-2	34898	34440	33956	34431	1.37	cps
Silicon	28-1	28991645	29338905	29190975	29173841	0.60	cps
Silver	107-1	7781780	7972018	7920428	7891409	1.25	cps
Silver	109-1	7408003	7436426	7350327	7398252	0.59	cps
Sodium	23-2	244246103	244501856	243211883	243986614	0.28	cps
Strontium	86-1	54678516	55550833	55413946	55214431	0.85	cps
Strontium	88-1	477048153	480478860	487528713	481685242	1.11	cps
Sulfur	34-1	834136	825678	823961	827925	0.66	cps
Terbium	159-1	12806233	12876215	12969781	12884076	0.64	cps
Terbium	159-2	8504310	8444411	8442515	8463745	0.42	cps
Thallium	203-1	5407691	5434074	5412439	5418068	0.26	cps
Thallium	205-1	12815701	12940404	12932860	12896321	0.54	cps
Tin	118-1	5226779	5311615	5340082	5292825	1.11	cps
Titanium	47-1	10508816	10577389	10582079	10556095	0.39	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17501486	17458682	17353153	17437773	0.44	cps
Vanadium	51-2	2789155	2852100	2769536	2803597	1.54	cps
Yttrium	89-1	18647271	18605880	18851078	18701410	0.70	cps
Yttrium	89-2	4730742	4634284	4658459	4674495	1.07	cps
Zinc	66-2	5183479	5173260	5140366	5165702	0.44	cps
Zirconium	90-1	11772731	11954542	12080522	11935931	1.30	cps
Zirconium	91-1	2629923	2651426	2691941	2657763	1.18	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1297	1263	1337	1299	2.83	cps
Antimony	121-1	3724	3620	3767	3704	2.04	cps
Arsenic	75-2	30	33	23	29	17.63	cps
Barium	135-1	443	427	360	410	10.76	cps
Barium	137-1	640	573	583	599	6.00	cps
Beryllium	9-1	107	129	118	118	9.60	cps
Bismuth	209-1	7507367	7495109	7518418	7506964	0.16	cps
Bismuth	209-2	5757931	5989589	5921368	5889629	2.02	cps
Bromine	81-1	11358	11441	11885	11561	2.45	cps
Bromine	81-2	120	63	113	99	31.32	cps
Cadmium	108-1	30	17	13	20	44.10	cps
Cadmium	106-1	3570	3414	3460	3482	2.31	cps
Cadmium	111-1	2612	2495	2523	2543	2.40	cps
Calcium	43-1	1067	963	1087	1039	6.37	cps
Calcium	44-1	40151	38069	38206	38809	3.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643	1637	1557	1612	2.99	cps
Cobalt	59-2	307	193	317	272	25.16	cps
Copper	63-2	3737	3841	3654	3744	2.50	cps
Dysprosium	156-1	27	13	20	20	33.35	cps
Dysprosium	156-2	17	37	20	24	43.83	cps
Erbium	164-1	93	123	90	102	17.96	cps
Erbium	164-2	43	63	50	52	19.50	cps
Gadolinium	160-1	77	63	43	61	27.46	cps
Gadolinium	160-2	310	283	303	299	4.64	cps
Holmium	165-1	12224969	12310542	12340242	12291918	0.49	cps
Holmium	165-2	8482101	8561879	8532503	8525495	0.47	cps
Indium	115-1	10775557	10536536	10612261	10641451	1.15	cps
Indium	115-2	3681449	3678204	3670465	3676706	0.15	cps
Iron	56-2	46879	46953	48347	47393	1.75	cps
Iron	57-2	2800	2787	2964	2850	3.45	cps
Iron	54-2	4124	4257	4427	4270	3.56	cps
Krypton	83-1	293	347	317	319	8.38	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1937	1650	1757	1781	8.14	cps
Lead	207-1	1640	1417	1383	1480	9.43	cps
Lead	208-1	7764	6574	6534	6957	10.05	cps
Lithium	6-1	1632921	1624564	1648135	1635206	0.73	cps
Magnesium	24-2	5978	5668	5965	5870	2.99	cps
Manganese	55-2	1293	1430	1320	1348	5.38	cps
Molybdenum	94-1	3697	3014	3000	3237	12.31	cps
Molybdenum	95-1	2640	2127	2067	2278	13.84	cps
Molybdenum	96-1	3097	2724	2660	2827	8.35	cps
Molybdenum	97-1	1483	1483	1397	1455	3.44	cps
Molybdenum	98-1	3951	3430	3520	3634	7.65	cps
Neodymium	150-1	13	13	17	14	13.35	cps
Neodymium	150-2	13	0	17	10	88.20	cps
Nickel	60-2	270	273	247	263	5.52	cps
Phosphorus	31-2	187	190	227	201	11.04	cps
Potassium	39-2	108550	107278	107926	107918	0.59	cps
Rhodium	103-1	10182767	10498349	10400062	10360392	1.56	cps
Rhodium	103-2	6425558	6422259	6379625	6409147	0.40	cps
Scandium	45-1	6948337	6920267	6975622	6948076	0.40	cps
Scandium	45-2	645652	648095	654072	649273	0.67	cps
Selenium	82-1	581	448	543	524	13.00	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	583	480	450	504	13.87	cps
Silicon	28-1	348143	353976	352971	351697	0.89	cps
Silver	107-1	930	810	777	839	9.61	cps
Silver	109-1	890	743	623	752	17.76	cps
Sodium	23-2	78814	78267	77524	78201	0.83	cps
Strontium	86-1	2874	2634	2420	2642	8.58	cps
Strontium	88-1	21409	16423	15371	17734	18.19	cps
Sulfur	34-1	245478	247266	249857	247534	0.89	cps
Terbium	159-1	12841384	12775045	12697608	12771346	0.56	cps
Terbium	159-2	8425033	8516627	8515050	8485570	0.62	cps
Thallium	203-1	933	823	727	828	12.49	cps
Thallium	205-1	2184	1984	1800	1989	9.64	cps
Tin	118-1	3180	3367	3557	3368	5.59	cps
Titanium	47-1	840	743	747	777	7.07	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	743	670	543	652	15.51	cps
Vanadium	51-2	127	110	87	108	18.64	cps
Yttrium	89-1	18736508	18374310	18706202	18605673	1.08	cps
Yttrium	89-2	4730580	4672414	4795429	4732807	1.30	cps
Zinc	66-2	1437	1380	1490	1436	3.83	cps
Zirconium	90-1	5401	4541	4477	4806	10.73	cps
Zirconium	91-1	1243	1080	1040	1121	9.61	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4603170	4592807	4652331	4616103	0.69	cps
Antimony	121-1	4411	4591	4654	4552	2.77	cps
Arsenic	75-2	30077	30047	29713	29946	0.67	cps
Barium	135-1	394240	398598	397621	396820	0.58	cps
Barium	137-1	676834	690229	699224	688762	1.64	cps
Beryllium	9-1	623	813	668	702	14.17	cps
Bismuth	209-1	7470571	7544329	7463495	7492799	0.60	cps
Bismuth	209-2	5778223	5749794	5738305	5755441	0.36	cps
Bromine	81-1	12315	12665	13600	12860	5.16	cps
Bromine	81-2	347	303	320	323	6.76	cps
Cadmium	108-1	153	137	167	152	9.87	cps
Cadmium	106-1	4201	3944	3671	3938	6.73	cps
Cadmium	111-1	3940	3762	3613	3771	4.34	cps
Calcium	43-1	121380	125161	127399	124647	2.44	cps
Calcium	44-1	1884379	1948326	1996266	1942991	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197982	197685	199046	198238	0.36	cps
Cobalt	59-2	177557	177810	177537	177635	0.09	cps
Copper	63-2	502083	498837	500058	500326	0.33	cps
Dysprosium	156-1	16587	17227	16607	16807	2.17	cps
Dysprosium	156-2	13707	13386	13333	13475	1.50	cps
Erbium	164-1	15669	15766	15719	15718	0.31	cps
Erbium	164-2	10447	11168	10651	10755	3.45	cps
Gadolinium	160-1	15632	16286	15836	15918	2.10	cps
Gadolinium	160-2	11698	11628	11955	11761	1.46	cps
Holmium	165-1	12422595	12288829	12335324	12348916	0.55	cps
Holmium	165-2	8506749	8655174	8696045	8619323	1.16	cps
Indium	115-1	10800011	11004576	10894253	10899613	0.94	cps
Indium	115-2	3761765	3788859	3764376	3771667	0.40	cps
Iron	56-2	186946377	186681237	186366504	186664706	0.16	cps
Iron	57-2	4570621	4610244	4604892	4595252	0.47	cps
Iron	54-2	10266037	10115230	10086264	10155844	0.95	cps
Krypton	83-1	397	340	373	370	7.70	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	108455	110531	112273	110420	1.73	cps
Lead	207-1	94439	97879	96325	96214	1.79	cps
Lead	208-1	432263	441205	440877	438115	1.16	cps
Lithium	6-1	1666016	1595079	1637303	1632799	2.19	cps
Magnesium	24-2	4775901	4752738	4729575	4752738	0.49	cps
Manganese	55-2	3238222	3153702	3191265	3194396	1.33	cps
Molybdenum	94-1	30345	30625	31327	30766	1.64	cps
Molybdenum	95-1	2840	2767	2754	2787	1.67	cps
Molybdenum	96-1	9650	9817	9930	9799	1.44	cps
Molybdenum	97-1	1807	1757	1813	1792	1.73	cps
Molybdenum	98-1	4481	4337	4437	4418	1.66	cps
Neodymium	150-1	28723	28766	28956	28815	0.43	cps
Neodymium	150-2	16920	16717	16583	16740	1.01	cps
Nickel	60-2	78273	77207	76735	77405	1.02	cps
Phosphorus	31-2	13119	12889	12939	12982	0.93	cps
Potassium	39-2	1896018	1920853	1907585	1908152	0.65	cps
Rhodium	103-1	10410799	10590934	10600812	10534182	1.02	cps
Rhodium	103-2	6534916	6548741	6556057	6546571	0.16	cps
Scandium	45-1	7222255	7431302	7425430	7359662	1.62	cps
Scandium	45-2	717603	720762	717319	718561	0.27	cps
Selenium	82-1	563	590	581	578	2.39	cps
Selenium	77-2	67	60	63	63	5.27	cps
Selenium	78-2	617	643	520	593	10.94	cps
Silicon	28-1	8003546	8418785	8230163	8217498	2.53	cps
Silver	107-1	1910	1950	1870	1910	2.09	cps
Silver	109-1	1927	1793	1693	1805	6.49	cps
Sodium	23-2	102099	103954	102387	102813	0.97	cps
Strontium	86-1	65890	67604	68344	67279	1.87	cps
Strontium	88-1	571752	587209	592346	583769	1.84	cps
Sulfur	34-1	243608	245992	247614	245738	0.82	cps
Terbium	159-1	12708311	12896025	12964992	12856443	1.03	cps
Terbium	159-2	8750420	8541657	8644217	8645431	1.21	cps
Thallium	203-1	1270	1370	1343	1328	3.90	cps
Thallium	205-1	3120	3077	2907	3035	3.72	cps
Tin	118-1	8212	8052	8309	8191	1.58	cps
Titanium	47-1	617802	642063	648809	636225	2.56	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5531	5565	5725	5607	1.84	cps
Vanadium	51-2	534765	530240	530459	531821	0.48	cps
Yttrium	89-1	19172733	19438423	19590553	19400570	1.09	cps
Yttrium	89-2	5009018	5021489	5087218	5039242	0.83	cps
Zinc	66-2	71825	70988	71463	71425	0.59	cps
Zirconium	90-1	79028	81880	81863	80923	2.03	cps
Zirconium	91-1	17457	17741	17894	17697	1.25	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4650179	4638549	4622140	4636956	0.30	cps
Antimony	121-1	3857	4127	4207	4064	4.51	cps
Arsenic	75-2	30388	29900	29369	29886	1.70	cps
Barium	135-1	391219	396228	399601	395683	1.07	cps
Barium	137-1	670194	690193	682304	680897	1.48	cps
Beryllium	9-1	696	673	778	716	7.69	cps
Bismuth	209-1	7426367	7459166	7545370	7476968	0.82	cps
Bismuth	209-2	5877121	5843781	5780845	5833916	0.84	cps
Bromine	81-1	13710	13583	13583	13625	0.54	cps
Bromine	81-2	300	307	337	314	6.21	cps
Cadmium	108-1	133	113	133	127	9.12	cps
Cadmium	106-1	3954	4004	3904	3954	1.26	cps
Cadmium	111-1	3731	3780	3819	3777	1.17	cps
Calcium	43-1	125934	126106	127587	126542	0.72	cps
Calcium	44-1	1937709	2010544	1968696	1972317	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197695	197827	196486	197336	0.37	cps
Cobalt	59-2	177597	177044	177075	177239	0.18	cps
Copper	63-2	504321	497679	495120	499040	0.95	cps
Dysprosium	156-1	16650	16837	16563	16683	0.84	cps
Dysprosium	156-2	13330	13950	13390	13557	2.52	cps
Erbium	164-1	15552	15175	15762	15496	1.92	cps
Erbium	164-2	10881	10567	10838	10762	1.58	cps
Gadolinium	160-1	15585	16113	15809	15836	1.67	cps
Gadolinium	160-2	11625	11695	11872	11731	1.08	cps
Holmium	165-1	12409364	12540938	12471891	12474065	0.53	cps
Holmium	165-2	8757504	8776319	8711600	8748474	0.38	cps
Indium	115-1	10922194	10995375	11088534	11002034	0.76	cps
Indium	115-2	3765368	3764951	3763191	3764504	0.03	cps
Iron	56-2	187216804	185342871	182088857	184882844	1.40	cps
Iron	57-2	4619843	4553125	4428321	4533763	2.14	cps
Iron	54-2	10308663	10203298	10245834	10252598	0.52	cps
Krypton	83-1	323	400	377	367	10.72	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107693	109903	108510	108702	1.03	cps
Lead	207-1	96063	95204	95281	95516	0.50	cps
Lead	208-1	433023	436062	435360	434815	0.37	cps
Lithium	6-1	1621307	1659941	1630339	1637196	1.23	cps
Magnesium	24-2	4731332	4762875	4804634	4766280	0.77	cps
Manganese	55-2	3204296	3168978	3169225	3180833	0.64	cps
Molybdenum	94-1	30558	30241	30993	30598	1.23	cps
Molybdenum	95-1	2657	2617	2780	2685	3.17	cps
Molybdenum	96-1	9396	9547	9410	9451	0.88	cps
Molybdenum	97-1	1653	1710	1667	1677	1.77	cps
Molybdenum	98-1	3884	3931	4004	3939	1.54	cps
Neodymium	150-1	28636	29230	29357	29074	1.32	cps
Neodymium	150-2	16830	17247	16780	16953	1.51	cps
Nickel	60-2	76537	76568	77111	76738	0.42	cps
Phosphorus	31-2	12869	12982	12415	12755	2.35	cps
Potassium	39-2	1901444	1897206	1909637	1902762	0.33	cps
Rhodium	103-1	10711924	10721258	10692642	10708608	0.14	cps
Rhodium	103-2	6509528	6500914	6468684	6493042	0.33	cps
Scandium	45-1	7528097	7658188	7589618	7591968	0.86	cps
Scandium	45-2	718057	711471	706291	711940	0.83	cps
Selenium	82-1	611	654	557	607	8.06	cps
Selenium	77-2	100	90	80	90	11.11	cps
Selenium	78-2	533	527	610	557	8.32	cps
Silicon	28-1	8303903	8375842	8546705	8408817	1.48	cps
Silver	107-1	1660	1627	1710	1666	2.52	cps
Silver	109-1	1563	1547	1583	1565	1.17	cps
Sodium	23-2	101438	100099	98817	100118	1.31	cps
Strontium	86-1	66730	68328	68043	67700	1.26	cps
Strontium	88-1	581267	588891	584829	584996	0.65	cps
Sulfur	34-1	247486	237981	235611	240360	2.61	cps
Terbium	159-1	12959960	13014376	12910051	12961462	0.40	cps
Terbium	159-2	8617253	8469234	8569766	8552085	0.88	cps
Thallium	203-1	1273	1183	1300	1252	4.88	cps
Thallium	205-1	2834	2927	2810	2857	2.16	cps
Tin	118-1	8359	8296	8069	8241	1.85	cps
Titanium	47-1	640101	643424	653287	645604	1.06	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5518	5525	5321	5455	2.12	cps
Vanadium	51-2	534655	526980	529142	530259	0.75	cps
Yttrium	89-1	19907562	19817331	20009841	19911578	0.48	cps
Yttrium	89-2	5004665	4994525	5011332	5003508	0.17	cps
Zinc	66-2	69966	69105	69337	69469	0.64	cps
Zirconium	90-1	79524	80546	80285	80118	0.66	cps
Zirconium	91-1	17204	17571	17914	17563	2.02	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917173	915939	912408	915173	0.27	cps
Antimony	121-1	980	1113	1247	1113	11.98	cps
Arsenic	75-2	6001	5738	5808	5849	2.33	cps
Barium	135-1	75535	78890	76457	76961	2.25	cps
Barium	137-1	135758	134738	137274	135923	0.94	cps
Beryllium	9-1	162	145	192	166	14.29	cps
Bismuth	209-1	7371985	7165405	7359019	7298803	1.59	cps
Bismuth	209-2	5864135	5880368	6029549	5924684	1.54	cps
Bromine	81-1	13263	13149	13453	13288	1.15	cps
Bromine	81-2	193	200	220	204	6.79	cps
Cadmium	108-1	30	67	37	44	43.95	cps
Cadmium	106-1	3987	3587	3661	3745	5.69	cps
Cadmium	111-1	3007	2764	2790	2854	4.67	cps
Calcium	43-1	24660	25438	26166	25421	2.96	cps
Calcium	44-1	431326	435385	435407	434039	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39625	39608	39187	39474	0.63	cps
Cobalt	59-2	34419	34734	33998	34384	1.07	cps
Copper	63-2	98555	99598	99827	99327	0.68	cps
Dysprosium	156-1	3344	3470	3160	3325	4.69	cps
Dysprosium	156-2	2647	2634	2597	2626	0.99	cps
Erbium	164-1	2960	3190	3177	3109	4.15	cps
Erbium	164-2	2187	2067	2040	2098	3.72	cps
Gadolinium	160-1	2920	3144	3210	3091	4.91	cps
Gadolinium	160-2	2404	2364	2570	2446	4.48	cps
Holmium	165-1	12184612	12821869	12286999	12431160	2.75	cps
Holmium	165-2	8729253	8638532	8502784	8623523	1.32	cps
Indium	115-1	10547877	11351489	10743753	10881040	3.85	cps
Indium	115-2	3743230	3799871	3734224	3759108	0.95	cps
Iron	56-2	35729002	35780079	35673032	35727371	0.15	cps
Iron	57-2	935501	937391	937574	936822	0.12	cps
Iron	54-2	1976768	1967780	1993405	1979318	0.66	cps
Krypton	83-1	347	407	323	359	11.98	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21534	22656	22028	22073	2.55	cps
Lead	207-1	19527	19578	19578	19561	0.15	cps
Lead	208-1	87979	88548	89995	88841	1.17	cps
Lithium	6-1	1653106	1632599	1634774	1640160	0.69	cps
Magnesium	24-2	956463	957854	954948	956422	0.15	cps
Manganese	55-2	631406	633604	632441	632484	0.17	cps
Molybdenum	94-1	6762	6772	6725	6753	0.36	cps
Molybdenum	95-1	1067	1010	957	1011	5.44	cps
Molybdenum	96-1	2617	2234	2550	2467	8.30	cps
Molybdenum	97-1	693	620	663	659	5.60	cps
Molybdenum	98-1	1390	1563	1500	1485	5.91	cps
Neodymium	150-1	5618	5521	5818	5652	2.68	cps
Neodymium	150-2	3254	3320	3444	3339	2.89	cps
Nickel	60-2	15488	15578	15491	15519	0.33	cps
Phosphorus	31-2	2724	2447	2640	2604	5.45	cps
Potassium	39-2	475198	473802	473913	474304	0.16	cps
Rhodium	103-1	10531246	10681501	10341058	10517935	1.62	cps
Rhodium	103-2	6445805	6571725	6587533	6535021	1.19	cps
Scandium	45-1	7208717	7276699	7337856	7274424	0.89	cps
Scandium	45-2	686338	685726	685390	685818	0.07	cps
Selenium	82-1	509	522	552	528	4.19	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	443	487	533	488	9.23	cps
Silicon	28-1	1968723	1941472	2005746	1971981	1.64	cps
Silver	107-1	497	520	420	479	10.93	cps
Silver	109-1	407	400	443	417	5.60	cps
Sodium	23-2	67350	66770	66908	67009	0.45	cps
Strontium	86-1	13800	14240	14190	14077	1.71	cps
Strontium	88-1	118386	116560	120577	118507	1.70	cps
Sulfur	34-1	227359	227146	227796	227434	0.15	cps
Terbium	159-1	12826305	12851842	12653858	12777335	0.84	cps
Terbium	159-2	8568602	8419963	8525659	8504741	0.90	cps
Thallium	203-1	613	597	637	616	3.26	cps
Thallium	205-1	1527	1500	1553	1527	1.75	cps
Tin	118-1	3477	3510	3540	3509	0.90	cps
Titanium	47-1	123969	128890	126671	126510	1.95	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1297	1260	1280	1279	1.44	cps
Vanadium	51-2	104143	101451	102482	102692	1.32	cps
Yttrium	89-1	19067015	18805514	19185058	19019196	1.02	cps
Yttrium	89-2	4905402	4852306	4970741	4909483	1.21	cps
Zinc	66-2	14310	14988	14684	14661	2.31	cps
Zirconium	90-1	16516	17060	17043	16873	1.83	cps
Zirconium	91-1	3734	3671	3711	3705	0.86	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4684415	4566442	4606438	4619098	1.30	cps
Antimony	121-1	183708	184660	185713	184694	0.54	cps
Arsenic	75-2	34340	34136	34056	34177	0.43	cps
Barium	135-1	1259088	1273657	1269546	1267430	0.59	cps
Barium	137-1	2277993	2318160	2314641	2303598	0.97	cps
Beryllium	9-1	15325	15676	15592	15531	1.18	cps
Bismuth	209-1	7392318	7516816	7409405	7439513	0.91	cps
Bismuth	209-2	5898599	5843468	5866820	5869629	0.47	cps
Bromine	81-1	13159	13393	13953	13502	3.02	cps
Bromine	81-2	333	313	313	320	3.61	cps
Cadmium	108-1	1677	1653	1760	1697	3.31	cps
Cadmium	106-1	6138	5848	5958	5981	2.45	cps
Cadmium	111-1	27206	28115	27393	27571	1.74	cps
Calcium	43-1	124513	125164	126182	125286	0.67	cps
Calcium	44-1	1936610	1961740	1968413	1955588	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391923	387361	393069	390784	0.77	cps
Cobalt	59-2	917880	913830	911086	914265	0.37	cps
Copper	63-2	745092	739639	734104	739612	0.74	cps
Dysprosium	156-1	16199	16890	16687	16592	2.14	cps
Dysprosium	156-2	13683	13593	13630	13636	0.33	cps
Erbium	164-1	14898	15625	15338	15287	2.40	cps
Erbium	164-2	10634	10571	10868	10691	1.46	cps
Gadolinium	160-1	15255	16223	16169	15882	3.42	cps
Gadolinium	160-2	11628	11448	11785	11620	1.45	cps
Holmium	165-1	12363213	12453438	12316623	12377758	0.56	cps
Holmium	165-2	8762784	8512487	8544094	8606455	1.58	cps
Indium	115-1	10874670	10840473	10666385	10793842	1.03	cps
Indium	115-2	3707943	3762734	3721367	3730681	0.77	cps
Iron	56-2	185042244	180896217	182336877	182758446	1.15	cps
Iron	57-2	4564748	4399585	4478080	4480804	1.84	cps
Iron	54-2	10060524	10149642	10085610	10098592	0.46	cps
Krypton	83-1	340	363	390	364	6.86	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130284	131204	130961	130816	0.36	cps
Lead	207-1	113408	115509	114292	114403	0.92	cps
Lead	208-1	515020	522762	522208	519997	0.83	cps
Lithium	6-1	1653288	1604786	1638567	1632214	1.52	cps
Magnesium	24-2	4696808	4698252	4605964	4667008	1.13	cps
Manganese	55-2	3443106	3413313	3440166	3432195	0.48	cps
Molybdenum	94-1	29015	29647	29339	29334	1.08	cps
Molybdenum	95-1	2677	2554	2574	2601	2.55	cps
Molybdenum	96-1	9066	9096	9286	9150	1.30	cps
Molybdenum	97-1	1497	1563	1463	1508	3.38	cps
Molybdenum	98-1	3914	3784	3687	3795	3.00	cps
Neodymium	150-1	28255	29324	29127	28902	1.97	cps
Neodymium	150-2	16330	16803	16396	16510	1.55	cps
Nickel	60-2	266699	262673	262738	264037	0.87	cps
Phosphorus	31-2	12785	12345	12719	12616	1.88	cps
Potassium	39-2	1890147	1879106	1867080	1878778	0.61	cps
Rhodium	103-1	10603531	10504437	10789824	10632597	1.36	cps
Rhodium	103-2	6500001	6426593	6513371	6479988	0.72	cps
Scandium	45-1	7416783	7609938	7488829	7505183	1.30	cps
Scandium	45-2	711471	700695	705687	705951	0.76	cps
Selenium	82-1	4728	4678	4652	4686	0.82	cps
Selenium	77-2	570	480	500	517	9.15	cps
Selenium	78-2	1880	1803	1723	1802	4.35	cps
Silicon	28-1	8175436	8246388	8374069	8265298	1.22	cps
Silver	107-1	103717	106201	106531	105483	1.46	cps
Silver	109-1	96972	100968	100096	99345	2.12	cps
Sodium	23-2	99176	99086	98667	98976	0.27	cps
Strontium	86-1	65946	66345	67959	66750	1.60	cps
Strontium	88-1	570150	579415	580399	576654	0.98	cps
Sulfur	34-1	224393	218006	216992	219797	1.83	cps
Terbium	159-1	12958064	12935644	12845440	12913049	0.46	cps
Terbium	159-2	8690540	8474886	8572264	8579230	1.26	cps
Thallium	203-1	71258	71855	70853	71322	0.71	cps
Thallium	205-1	169776	171247	173026	171350	0.95	cps
Tin	118-1	8106	8026	8212	8115	1.15	cps
Titanium	47-1	627442	644777	640101	637440	1.41	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5605	5334	5321	5420	2.95	cps
Vanadium	51-2	958727	951572	945870	952056	0.68	cps
Yttrium	89-1	19466805	19719111	19338997	19508304	0.99	cps
Yttrium	89-2	5125072	4942587	5005105	5024255	1.85	cps
Zinc	66-2	151728	148163	149772	149888	1.19	cps
Zirconium	90-1	78609	78961	79232	78934	0.40	cps
Zirconium	91-1	17153	17290	17217	17220	0.40	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4869933	4781361	4765170	4805488	1.17	cps
Antimony	121-1	862919	879227	882393	874846	1.19	cps
Arsenic	75-2	49746	49311	49753	49604	0.51	cps
Barium	135-1	4726455	4843656	4845351	4805154	1.42	cps
Barium	137-1	8125499	8460097	8362610	8316068	2.07	cps
Beryllium	9-1	71343	72414	72240	71999	0.80	cps
Bismuth	209-1	7332942	7405451	7379560	7372651	0.50	cps
Bismuth	209-2	5811792	5777723	5962721	5850746	1.68	cps
Bromine	81-1	12896	13193	12832	12974	1.48	cps
Bromine	81-2	343	300	263	302	13.25	cps
Cadmium	108-1	7745	7719	7759	7741	0.26	cps
Cadmium	106-1	13843	14664	14467	14325	2.99	cps
Cadmium	111-1	116849	118396	119232	118159	1.02	cps
Calcium	43-1	118034	119405	120017	119152	0.85	cps
Calcium	44-1	1851420	1876315	1842072	1856603	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123480	1124355	1115456	1121097	0.44	cps
Cobalt	59-2	3688464	3685140	3639047	3670884	0.75	cps
Copper	63-2	1668635	1657875	1654348	1660286	0.45	cps
Dysprosium	156-1	15365	15839	16009	15738	2.12	cps
Dysprosium	156-2	13003	13016	12893	12971	0.52	cps
Erbium	164-1	14444	14177	14654	14425	1.66	cps
Erbium	164-2	10447	9980	9927	10118	2.83	cps
Gadolinium	160-1	14761	15235	15085	15027	1.61	cps
Gadolinium	160-2	11371	10984	10821	11059	2.56	cps
Holmium	165-1	12236845	12330349	12520883	12362692	1.17	cps
Holmium	165-2	8447902	8572803	8507092	8509266	0.73	cps
Indium	115-1	10820191	10710516	10876229	10802312	0.78	cps
Indium	115-2	3727416	3655482	3689868	3690922	0.97	cps
Iron	56-2	177490404	179575177	176099297	177721626	0.98	cps
Iron	57-2	4352203	4416345	4295651	4354733	1.39	cps
Iron	54-2	9885742	9810620	9870346	9855570	0.40	cps
Krypton	83-1	320	330	360	337	6.18	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	213049	214315	215205	214190	0.51	cps
Lead	207-1	184891	186679	187824	186465	0.79	cps
Lead	208-1	843201	850128	858840	850723	0.92	cps
Lithium	6-1	1618189	1589893	1642617	1616900	1.63	cps
Magnesium	24-2	4490201	4412838	4413749	4438929	1.00	cps
Manganese	55-2	4604021	4581455	4570807	4585428	0.37	cps
Molybdenum	94-1	27816	28361	28698	28292	1.57	cps
Molybdenum	95-1	2437	2430	2487	2451	1.26	cps
Molybdenum	96-1	9040	9066	9040	9048	0.17	cps
Molybdenum	97-1	1587	1650	1480	1572	5.46	cps
Molybdenum	98-1	3851	3677	3794	3774	2.34	cps
Neodymium	150-1	27520	27450	27674	27548	0.42	cps
Neodymium	150-2	16323	15789	15539	15884	2.52	cps
Nickel	60-2	969769	959065	957332	962056	0.70	cps
Phosphorus	31-2	11935	12325	12128	12129	1.61	cps
Potassium	39-2	1813106	1765583	1757370	1778686	1.69	cps
Rhodium	103-1	10563037	10400588	10498103	10487243	0.78	cps
Rhodium	103-2	6465683	6367098	6389134	6407305	0.81	cps
Scandium	45-1	7333554	7349894	7464879	7382776	0.97	cps
Scandium	45-2	702247	697372	693324	697647	0.64	cps
Selenium	82-1	18095	18848	18343	18429	2.08	cps
Selenium	77-2	1823	1763	1943	1843	4.97	cps
Selenium	78-2	6518	6318	6255	6364	2.16	cps
Silicon	28-1	7875012	7984001	7857361	7905458	0.87	cps
Silver	107-1	382254	388274	389470	386666	1.00	cps
Silver	109-1	439266	367638	365892	390932	10.71	cps
Sodium	23-2	93575	92469	93629	93224	0.70	cps
Strontium	86-1	63128	64641	64540	64103	1.32	cps
Strontium	88-1	543843	555266	558233	552447	1.38	cps
Sulfur	34-1	214413	212472	206694	211193	1.90	cps
Terbium	159-1	12723858	12674156	12887819	12761944	0.88	cps
Terbium	159-2	8574949	8406313	8330097	8437119	1.49	cps
Thallium	203-1	340572	342215	345132	342639	0.67	cps
Thallium	205-1	808954	811219	822634	814269	0.90	cps
Tin	118-1	7475	6892	7305	7224	4.15	cps
Titanium	47-1	600127	611787	613113	608342	1.17	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4911	5171	5191	5091	3.07	cps
Vanadium	51-2	2499529	2518430	2472774	2496911	0.92	cps
Yttrium	89-1	19435553	19295275	19612887	19447905	0.82	cps
Yttrium	89-2	4939261	4910228	4830625	4893371	1.15	cps
Zinc	66-2	450403	449772	445924	448700	0.54	cps
Zirconium	90-1	74458	74645	74973	74692	0.35	cps
Zirconium	91-1	16609	17047	16893	16850	1.32	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3475763	3444047	3469485	3463098	0.48	cps
Antimony	121-1	3060	3300	3194	3185	3.78	cps
Arsenic	75-2	20397	20491	20034	20307	1.19	cps
Barium	135-1	200121	205120	205949	203730	1.55	cps
Barium	137-1	349203	353395	355232	352610	0.88	cps
Beryllium	9-1	519	598	532	550	7.73	cps
Bismuth	209-1	7356001	7266634	7331672	7318103	0.63	cps
Bismuth	209-2	5760408	5843406	5736994	5780269	0.97	cps
Bromine	81-1	13019	13346	13319	13228	1.37	cps
Bromine	81-2	283	330	323	312	8.08	cps
Cadmium	108-1	113	120	163	132	20.53	cps
Cadmium	106-1	3791	3714	3524	3676	3.74	cps
Cadmium	111-1	3141	3142	3026	3103	2.16	cps
Calcium	43-1	119724	119879	121636	120413	0.88	cps
Calcium	44-1	1844828	1870574	1864401	1859935	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172923	171456	172939	172439	0.49	cps
Cobalt	59-2	128713	128823	129395	128977	0.28	cps
Copper	63-2	307845	306231	304292	306122	0.58	cps
Dysprosium	156-1	13183	13570	13376	13376	1.45	cps
Dysprosium	156-2	10401	10958	11158	10839	3.62	cps
Erbium	164-1	12456	12542	12202	12400	1.43	cps
Erbium	164-2	8289	8142	8433	8288	1.75	cps
Gadolinium	160-1	12886	13620	13376	13294	2.81	cps
Gadolinium	160-2	9680	9550	9250	9493	2.32	cps
Holmium	165-1	12389711	12243593	12365062	12332788	0.63	cps
Holmium	165-2	8436483	8587729	8581419	8535210	1.00	cps
Indium	115-1	10556797	10809904	10702311	10689671	1.19	cps
Indium	115-2	3698965	3688119	3746157	3711080	0.83	cps
Iron	56-2	127293341	126027378	126542301	126621007	0.50	cps
Iron	57-2	3104736	3054717	3090062	3083172	0.83	cps
Iron	54-2	6928320	6810982	6848314	6862539	0.87	cps
Krypton	83-1	337	420	373	377	11.09	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90694	92156	93929	92259	1.76	cps
Lead	207-1	77996	79598	79320	78971	1.08	cps
Lead	208-1	358815	365168	363256	362413	0.90	cps
Lithium	6-1	1614846	1595936	1613336	1608039	0.65	cps
Magnesium	24-2	3592395	3507849	3541670	3547305	1.20	cps
Manganese	55-2	2315901	2310824	2311815	2312847	0.12	cps
Molybdenum	94-1	13490	14190	13777	13819	2.55	cps
Molybdenum	95-1	1710	1767	1753	1743	1.70	cps
Molybdenum	96-1	5238	5174	5051	5154	1.84	cps
Molybdenum	97-1	1143	1113	1190	1149	3.36	cps
Molybdenum	98-1	2730	2837	2847	2805	2.31	cps
Neodymium	150-1	22378	23286	23276	22980	2.27	cps
Neodymium	150-2	13480	13797	13089	13455	2.63	cps
Nickel	60-2	47619	47632	47492	47581	0.16	cps
Phosphorus	31-2	7665	7592	7449	7569	1.46	cps
Potassium	39-2	1269919	1266827	1265468	1267405	0.18	cps
Rhodium	103-1	10355427	10515052	10416659	10429046	0.77	cps
Rhodium	103-2	6412522	6534284	6595078	6513961	1.43	cps
Scandium	45-1	7327710	7379548	7378918	7362059	0.40	cps
Scandium	45-2	701642	697087	694342	697690	0.53	cps
Selenium	82-1	582	548	583	571	3.52	cps
Selenium	77-2	90	57	63	70	25.20	cps
Selenium	78-2	497	557	483	512	7.63	cps
Silicon	28-1	10127707	10374629	10307542	10269959	1.24	cps
Silver	107-1	1930	1400	1263	1531	23.00	cps
Silver	109-1	1720	1267	1170	1386	21.19	cps
Sodium	23-2	96100	96798	97456	96785	0.70	cps
Strontium	86-1	87565	90177	89879	89207	1.60	cps
Strontium	88-1	763472	779595	787835	776968	1.59	cps
Sulfur	34-1	214173	211705	208067	211315	1.45	cps
Terbium	159-1	12626181	12826419	12850040	12767546	0.96	cps
Terbium	159-2	8403083	8388005	8335580	8375556	0.42	cps
Thallium	203-1	967	973	883	941	5.33	cps
Thallium	205-1	2217	2180	2330	2242	3.49	cps
Tin	118-1	7215	7445	7319	7326	1.57	cps
Titanium	47-1	526879	537375	543505	535920	1.57	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4688	4628	4704	4673	0.86	cps
Vanadium	51-2	299033	300604	297927	299188	0.45	cps
Yttrium	89-1	19276234	19415291	19191252	19294259	0.59	cps
Yttrium	89-2	4855681	4935023	4988004	4926236	1.35	cps
Zinc	66-2	58320	59150	56791	58087	2.06	cps
Zirconium	90-1	35232	35820	35693	35582	0.87	cps
Zirconium	91-1	7705	8019	7825	7850	2.02	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3606509	3598570	3631539	3612206	0.48	cps
Antimony	121-1	2740	2820	2990	2850	4.48	cps
Arsenic	75-2	21052	20745	20908	20901	0.74	cps
Barium	135-1	209514	214424	213509	212482	1.23	cps
Barium	137-1	365934	373518	370432	369961	1.03	cps
Beryllium	9-1	535	538	573	549	3.88	cps
Bismuth	209-1	7226821	7310548	7366178	7301183	0.96	cps
Bismuth	209-2	5758847	5729772	5745631	5744750	0.25	cps
Bromine	81-1	13009	13366	13153	13176	1.36	cps
Bromine	81-2	283	320	347	317	10.04	cps
Cadmium	108-1	130	100	97	109	16.86	cps
Cadmium	106-1	3827	3841	3614	3761	3.38	cps
Cadmium	111-1	3281	3218	3065	3188	3.48	cps
Calcium	43-1	134867	139151	139134	137717	1.79	cps
Calcium	44-1	2111598	2119013	2152892	2127834	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177906	179198	178624	178576	0.36	cps
Cobalt	59-2	138213	136699	135502	136804	0.99	cps
Copper	63-2	320522	318705	317250	318826	0.51	cps
Dysprosium	156-1	13864	14121	14094	14026	1.01	cps
Dysprosium	156-2	11602	11435	11471	11503	0.76	cps
Erbium	164-1	12759	12516	12773	12683	1.14	cps
Erbium	164-2	8830	8693	8776	8766	0.79	cps
Gadolinium	160-1	13693	13560	14378	13877	3.16	cps
Gadolinium	160-2	10134	10174	10434	10247	1.59	cps
Holmium	165-1	12382486	12378368	12274132	12344995	0.50	cps
Holmium	165-2	8502879	8372527	8597070	8490825	1.33	cps
Indium	115-1	10565107	10677918	10684289	10642438	0.63	cps
Indium	115-2	3741647	3609281	3723042	3691323	1.94	cps
Iron	56-2	130812581	131595535	129529515	130645877	0.80	cps
Iron	57-2	3189441	3186712	3214942	3197032	0.49	cps
Iron	54-2	7239015	7196479	7224030	7219841	0.30	cps
Krypton	83-1	370	350	350	357	3.24	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	93123	95835	96583	95180	1.91	cps
Lead	207-1	80205	81023	81579	80936	0.85	cps
Lead	208-1	366416	375976	375579	372657	1.45	cps
Lithium	6-1	1625592	1641503	1626042	1631046	0.56	cps
Magnesium	24-2	3667545	3658215	3691528	3672429	0.47	cps
Manganese	55-2	2434857	2404538	2384665	2408020	1.05	cps
Molybdenum	94-1	14247	14410	14844	14501	2.13	cps
Molybdenum	95-1	1857	1857	1767	1827	2.84	cps
Molybdenum	96-1	5381	5608	5508	5499	2.07	cps
Molybdenum	97-1	1090	1087	1150	1109	3.21	cps
Molybdenum	98-1	2714	2710	2797	2740	1.79	cps
Neodymium	150-1	23586	24137	24318	24014	1.59	cps
Neodymium	150-2	14080	13884	14377	14114	1.76	cps
Nickel	60-2	50622	49010	49100	49577	1.83	cps
Phosphorus	31-2	8342	7969	7949	8087	2.74	cps
Potassium	39-2	1221772	1226947	1233661	1227460	0.49	cps
Rhodium	103-1	10441994	10468364	10780122	10563493	1.78	cps
Rhodium	103-2	6472824	6503668	6518318	6498270	0.36	cps
Scandium	45-1	7404269	7230271	7427981	7354173	1.47	cps
Scandium	45-2	699625	697329	698951	698635	0.17	cps
Selenium	82-1	510	606	577	564	8.67	cps
Selenium	77-2	73	47	47	56	27.71	cps
Selenium	78-2	490	477	533	500	5.93	cps
Silicon	28-1	10420998	10631857	10571943	10541599	1.03	cps
Silver	107-1	1003	957	1080	1013	6.15	cps
Silver	109-1	917	817	917	883	6.54	cps
Sodium	23-2	111557	110335	111822	111238	0.71	cps
Strontium	86-1	93008	94182	95132	94107	1.13	cps
Strontium	88-1	798550	820361	825193	814702	1.74	cps
Sulfur	34-1	212418	208796	207766	209660	1.17	cps
Terbium	159-1	12573361	12773204	12649407	12665324	0.80	cps
Terbium	159-2	8457837	8253092	8539310	8416746	1.75	cps
Thallium	203-1	940	1063	1003	1002	6.15	cps
Thallium	205-1	2187	2080	2277	2181	4.51	cps
Tin	118-1	9577	9660	10027	9754	2.46	cps
Titanium	47-1	546311	554830	551750	550964	0.78	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5021	4974	4828	4941	2.04	cps
Vanadium	51-2	309645	310845	310905	310465	0.23	cps
Yttrium	89-1	19137961	19189964	19463903	19263943	0.91	cps
Yttrium	89-2	4955906	4955906	5011936	4974582	0.65	cps
Zinc	66-2	74625	74511	74531	74556	0.08	cps
Zirconium	90-1	35730	36606	37478	36605	2.39	cps
Zirconium	91-1	7759	8059	8199	8006	2.81	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680534	682571	683866	682324	0.25	cps
Antimony	121-1	690	680	717	696	2.73	cps
Arsenic	75-2	3901	4017	4057	3992	2.04	cps
Barium	135-1	38158	39107	40391	39218	2.86	cps
Barium	137-1	67047	68417	66002	67155	1.80	cps
Beryllium	9-1	119	152	119	130	14.61	cps
Bismuth	209-1	7089421	7188527	7149401	7142449	0.70	cps
Bismuth	209-2	5822074	5739866	5728940	5763627	0.88	cps
Bromine	81-1	12309	12612	12088	12336	2.13	cps
Bromine	81-2	257	197	220	224	13.48	cps
Cadmium	108-1	20	20	30	23	24.74	cps
Cadmium	106-1	3574	3324	3357	3418	3.97	cps
Cadmium	111-1	2608	2476	2469	2518	3.10	cps
Calcium	43-1	22791	23495	23922	23403	2.44	cps
Calcium	44-1	398354	404339	402420	401704	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35011	34456	34419	34629	0.96	cps
Cobalt	59-2	24720	24687	24306	24571	0.94	cps
Copper	63-2	61010	61101	60830	60980	0.23	cps
Dysprosium	156-1	2487	2710	2614	2604	4.30	cps
Dysprosium	156-2	1980	2077	2197	2085	5.21	cps
Erbium	164-1	2397	2337	2594	2442	5.50	cps
Erbium	164-2	1690	1610	1600	1633	3.02	cps
Gadolinium	160-1	2517	2647	2417	2527	4.56	cps
Gadolinium	160-2	2080	2027	2207	2105	4.39	cps
Holmium	165-1	12231907	12120541	12693136	12348528	2.46	cps
Holmium	165-2	8531665	8348221	8539690	8473192	1.28	cps
Indium	115-1	10631602	10716453	10954695	10767583	1.56	cps
Indium	115-2	3715019	3742176	3766126	3741107	0.68	cps
Iron	56-2	24508806	23768313	24206496	24161205	1.54	cps
Iron	57-2	625317	622854	625597	624589	0.24	cps
Iron	54-2	1399205	1401578	1402306	1401030	0.12	cps
Krypton	83-1	363	303	310	326	10.10	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18262	18633	19257	18717	2.69	cps
Lead	207-1	15846	16066	15536	15816	1.69	cps
Lead	208-1	71082	72355	72010	71816	0.92	cps
Lithium	6-1	1557966	1572044	1525984	1551998	1.52	cps
Magnesium	24-2	701506	702484	701722	701904	0.07	cps
Manganese	55-2	450704	446846	453509	450353	0.74	cps
Molybdenum	94-1	3190	3180	3210	3194	0.48	cps
Molybdenum	95-1	710	693	687	697	1.72	cps
Molybdenum	96-1	1530	1463	1590	1528	4.15	cps
Molybdenum	97-1	450	457	443	450	1.48	cps
Molybdenum	98-1	1060	1093	1287	1147	10.67	cps
Neodymium	150-1	4171	4394	4244	4270	2.67	cps
Neodymium	150-2	2527	2624	2550	2567	1.97	cps
Nickel	60-2	9473	9260	9623	9452	1.93	cps
Phosphorus	31-2	1747	1630	1573	1650	5.36	cps
Potassium	39-2	322541	321230	317777	320516	0.77	cps
Rhodium	103-1	10866969	10802491	10578003	10749155	1.41	cps
Rhodium	103-2	6516265	6470350	6453683	6480099	0.50	cps
Scandium	45-1	7068633	7126679	7478165	7224493	3.07	cps
Scandium	45-2	686369	681026	678156	681850	0.61	cps
Selenium	82-1	523	576	564	554	4.98	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	480	530	447	486	8.64	cps
Silicon	28-1	2289838	2313809	2322368	2308671	0.73	cps
Silver	107-1	307	317	287	303	5.04	cps
Silver	109-1	287	200	240	242	17.91	cps
Sodium	23-2	64317	65368	64099	64595	1.05	cps
Strontium	86-1	18021	17981	17798	17933	0.66	cps
Strontium	88-1	150578	152074	150845	151166	0.53	cps
Sulfur	34-1	205157	207684	203874	205572	0.94	cps
Terbium	159-1	12839506	13038936	12604531	12827658	1.70	cps
Terbium	159-2	8545638	8351653	8342246	8413179	1.36	cps
Thallium	203-1	503	510	590	534	9.02	cps
Thallium	205-1	1223	1217	993	1145	11.44	cps
Tin	118-1	3364	3394	3084	3280	5.21	cps
Titanium	47-1	103104	104863	105219	104396	1.08	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1040	970	993	1001	3.56	cps
Vanadium	51-2	57285	56703	57272	57086	0.58	cps
Yttrium	89-1	18594876	18798586	18371115	18588192	1.15	cps
Yttrium	89-2	4833771	4978810	4928192	4913591	1.50	cps
Zinc	66-2	13459	13009	12989	13153	2.02	cps
Zirconium	90-1	7749	7799	8086	7878	2.31	cps
Zirconium	91-1	1857	1783	1810	1817	2.04	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3663964	3652497	3590127	3635529	1.09	cps
Antimony	121-1	192108	194558	195717	194128	0.95	cps
Arsenic	75-2	25272	25081	25091	25148	0.43	cps
Barium	135-1	1181839	1200598	1213612	1198683	1.33	cps
Barium	137-1	2132544	2167222	2147754	2149173	0.81	cps
Beryllium	9-1	17264	17861	17370	17499	1.82	cps
Bismuth	209-1	7359435	7356605	7408364	7374801	0.39	cps
Bismuth	209-2	5753457	5824634	5975042	5851044	1.93	cps
Bromine	81-1	13036	12946	13596	13193	2.67	cps
Bromine	81-2	283	263	313	287	8.78	cps
Cadmium	108-1	1720	1757	1760	1746	1.27	cps
Cadmium	106-1	5988	6198	6218	6135	2.08	cps
Cadmium	111-1	28437	28652	28767	28618	0.59	cps
Calcium	43-1	118760	123245	123434	121813	2.17	cps
Calcium	44-1	1849867	1866738	1912922	1876509	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398701	394094	392941	395246	0.77	cps
Cobalt	59-2	972624	964350	963793	966922	0.51	cps
Copper	63-2	592902	591151	578636	587563	1.32	cps
Dysprosium	156-1	13547	13563	13817	13642	1.11	cps
Dysprosium	156-2	11368	10944	11104	11139	1.92	cps
Erbium	164-1	12612	12672	12175	12487	2.17	cps
Erbium	164-2	8246	8793	8469	8503	3.23	cps
Gadolinium	160-1	13216	13663	13877	13586	2.48	cps
Gadolinium	160-2	9770	9557	9797	9708	1.36	cps
Holmium	165-1	12326784	12553233	12514287	12464768	0.97	cps
Holmium	165-2	8591751	8581076	8884845	8685891	1.98	cps
Indium	115-1	10741421	10737248	10682402	10720357	0.31	cps
Indium	115-2	3749050	3757843	3801797	3769563	0.75	cps
Iron	56-2	127837085	128974985	127432921	128081664	0.62	cps
Iron	57-2	3168418	3214206	3150600	3177741	1.03	cps
Iron	54-2	7131170	7114998	6943807	7063325	1.47	cps
Krypton	83-1	307	413	410	377	16.10	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116599	118434	118807	117947	1.00	cps
Lead	207-1	99280	101707	101512	100833	1.34	cps
Lead	208-1	458702	465689	465987	463460	0.89	cps
Lithium	6-1	1600661	1641974	1617128	1619921	1.28	cps
Magnesium	24-2	3645670	3593449	3615701	3618273	0.72	cps
Manganese	55-2	2722915	2689887	2672909	2695237	0.94	cps
Molybdenum	94-1	13386	13620	13643	13550	1.05	cps
Molybdenum	95-1	1727	1960	2010	1899	7.96	cps
Molybdenum	96-1	4904	5218	5398	5173	4.83	cps
Molybdenum	97-1	1057	1150	1123	1110	4.33	cps
Molybdenum	98-1	2677	2674	3030	2794	7.34	cps
Neodymium	150-1	22805	23353	23430	23196	1.47	cps
Neodymium	150-2	13310	13894	13303	13502	2.51	cps
Nickel	60-2	264511	259709	259666	261295	1.07	cps
Phosphorus	31-2	7942	7899	7742	7861	1.34	cps
Potassium	39-2	1185855	1174237	1273790	1211294	4.49	cps
Rhodium	103-1	10623989	10785052	10586477	10665173	0.99	cps
Rhodium	103-2	6506633	6434471	6535442	6492182	0.80	cps
Scandium	45-1	7342201	7385770	7400121	7376031	0.41	cps
Scandium	45-2	707248	699552	697794	701531	0.72	cps
Selenium	82-1	3041	3118	3078	3079	1.26	cps
Selenium	77-2	323	263	293	293	10.23	cps
Selenium	78-2	1440	1410	1307	1386	5.05	cps
Silicon	28-1	9766183	9923700	9868000	9852628	0.81	cps
Silver	107-1	114917	117877	119809	117534	2.10	cps
Silver	109-1	108499	111256	113474	111076	2.24	cps
Sodium	23-2	94816	94950	95473	95080	0.37	cps
Strontium	86-1	89886	90539	90040	90155	0.38	cps
Strontium	88-1	777047	795958	791737	788247	1.26	cps
Sulfur	34-1	209144	201970	202023	204379	2.02	cps
Terbium	159-1	12815396	12772322	12888269	12825329	0.46	cps
Terbium	159-2	8569541	8353042	8474830	8465804	1.28	cps
Thallium	203-1	74007	75451	77077	75511	2.03	cps
Thallium	205-1	178032	181393	185257	181561	1.99	cps
Tin	118-1	7209	7645	7605	7486	3.23	cps
Titanium	47-1	523243	534809	532447	530166	1.15	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4601	4928	4851	4793	3.57	cps
Vanadium	51-2	789603	790121	789593	789772	0.04	cps
Yttrium	89-1	19563280	19506223	19733766	19601090	0.60	cps
Yttrium	89-2	5003051	4945098	4975941	4974696	0.58	cps
Zinc	66-2	147471	150544	150311	149442	1.15	cps
Zirconium	90-1	32546	34788	35012	34115	4.00	cps
Zirconium	91-1	7155	7509	7695	7453	3.68	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3960073	3854752	3861534	3892120	1.51	cps
Antimony	121-1	866832	887289	881701	878607	1.20	cps
Arsenic	75-2	42437	41267	41468	41724	1.50	cps
Barium	135-1	4869156	4961392	4940977	4923842	0.98	cps
Barium	137-1	8327473	8413629	8389326	8376809	0.53	cps
Beryllium	9-1	74576	76423	77087	76029	1.71	cps
Bismuth	209-1	7463870	7359914	7420831	7414871	0.70	cps
Bismuth	209-2	5799555	5808733	5812188	5806825	0.11	cps
Bromine	81-1	12836	13166	13326	13109	1.91	cps
Bromine	81-2	300	320	343	321	6.75	cps
Cadmium	108-1	7982	7949	7916	7949	0.42	cps
Cadmium	106-1	14217	14454	14551	14407	1.19	cps
Cadmium	111-1	117099	119610	119496	118735	1.19	cps
Calcium	43-1	115448	117679	117588	116905	1.08	cps
Calcium	44-1	1857418	1829713	1855756	1847629	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1167583	1170598	1161335	1166505	0.41	cps
Cobalt	59-2	3848532	3897192	3856826	3867516	0.67	cps
Copper	63-2	1548068	1541674	1547638	1545793	0.23	cps
Dysprosium	156-1	13480	13053	13467	13333	1.82	cps
Dysprosium	156-2	11071	10998	11011	11027	0.35	cps
Erbium	164-1	12165	12212	12646	12341	2.15	cps
Erbium	164-2	8202	8383	8122	8236	1.62	cps
Gadolinium	160-1	12859	13036	13153	13016	1.14	cps
Gadolinium	160-2	10100	9650	9430	9727	3.51	cps
Holmium	165-1	12405076	12388338	12481518	12424977	0.40	cps
Holmium	165-2	8477507	8570229	8635158	8560964	0.93	cps
Indium	115-1	10636586	10752373	10841915	10743625	0.96	cps
Indium	115-2	3751555	3765717	3654695	3723989	1.62	cps
Iron	56-2	128463261	127272428	127352658	127696116	0.52	cps
Iron	57-2	3151060	3118997	3123812	3131290	0.55	cps
Iron	54-2	7079126	6978918	6891109	6983051	1.35	cps
Krypton	83-1	393	403	353	383	6.90	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	202538	205416	205498	204484	0.82	cps
Lead	207-1	173923	178642	176204	176256	1.34	cps
Lead	208-1	799200	812878	814771	808950	1.05	cps
Lithium	6-1	1632824	1657616	1651210	1647217	0.78	cps
Magnesium	24-2	3486443	3506223	3489488	3494051	0.30	cps
Manganese	55-2	4008141	3987448	3944375	3979988	0.82	cps
Molybdenum	94-1	13086	13503	13296	13295	1.57	cps
Molybdenum	95-1	1863	1913	1840	1872	2.00	cps
Molybdenum	96-1	5088	5021	5254	5121	2.35	cps
Molybdenum	97-1	1060	1117	1170	1116	4.93	cps
Molybdenum	98-1	2724	2870	2844	2813	2.78	cps
Neodymium	150-1	22672	22675	23142	22830	1.19	cps
Neodymium	150-2	12866	13246	13193	13102	1.57	cps
Nickel	60-2	1013708	999403	996198	1003103	0.93	cps
Phosphorus	31-2	7685	7365	7555	7535	2.14	cps
Potassium	39-2	1239112	1229690	1227034	1231945	0.52	cps
Rhodium	103-1	10571213	10576669	10616567	10588150	0.23	cps
Rhodium	103-2	6518283	6522091	6428909	6489761	0.81	cps
Scandium	45-1	7354365	7310950	7441140	7368818	0.90	cps
Scandium	45-2	702897	695757	695237	697963	0.61	cps
Selenium	82-1	19064	19079	19344	19162	0.82	cps
Selenium	77-2	1900	1787	1960	1882	4.68	cps
Selenium	78-2	6932	6588	6475	6665	3.57	cps
Silicon	28-1	9635210	9825844	9761477	9740843	1.00	cps
Silver	107-1	474513	485622	486637	482257	1.39	cps
Silver	109-1	446929	465858	457602	456796	2.08	cps
Sodium	23-2	96265	96268	95950	96161	0.19	cps
Strontium	86-1	86696	89684	87873	88085	1.71	cps
Strontium	88-1	757660	765174	763955	762263	0.53	cps
Sulfur	34-1	203486	203760	199771	202339	1.10	cps
Terbium	159-1	12611591	12973480	12686248	12757106	1.50	cps
Terbium	159-2	8662074	8475562	8572376	8570004	1.09	cps
Thallium	203-1	344226	353596	354027	350616	1.58	cps
Thallium	205-1	817061	839425	828410	828299	1.35	cps
Tin	118-1	9120	9140	8536	8932	3.84	cps
Titanium	47-1	508670	519691	517171	515177	1.12	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4668	4814	4934	4805	2.78	cps
Vanadium	51-2	2444715	2416613	2409756	2423695	0.76	cps
Yttrium	89-1	19126598	19272876	19573452	19324309	1.18	cps
Yttrium	89-2	5016549	4965084	4958009	4979881	0.64	cps
Zinc	66-2	466632	465598	465433	465888	0.14	cps
Zirconium	90-1	32656	34457	33648	33587	2.69	cps
Zirconium	91-1	7699	7592	7329	7540	2.53	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7178987	7036339	7102413	7105913	1.00	cps
Antimony	121-1	2927	3027	3027	2994	1.93	cps
Arsenic	75-2	9867	9910	10480	10086	3.40	cps
Barium	135-1	1841139	1864786	1876591	1860839	0.97	cps
Barium	137-1	3223951	3285030	3229000	3245994	1.04	cps
Beryllium	9-1	1979	1954	1986	1973	0.86	cps
Bismuth	209-1	7413442	7352255	7587202	7450966	1.64	cps
Bismuth	209-2	5715828	5876747	5860638	5817738	1.52	cps
Bromine	81-1	13910	13837	13630	13792	1.05	cps
Bromine	81-2	443	433	490	456	6.64	cps
Cadmium	108-1	397	443	450	430	6.76	cps
Cadmium	106-1	4841	4824	4634	4766	2.41	cps
Cadmium	111-1	4508	4500	4352	4453	1.97	cps
Calcium	43-1	682758	690147	683750	685551	0.58	cps
Calcium	44-1	10284262	10438510	10589286	10437352	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392336	393604	391079	392339	0.32	cps
Cobalt	59-2	162334	163665	161330	162443	0.72	cps
Copper	63-2	417906	412985	420787	417226	0.95	cps
Dysprosium	156-1	57865	59893	59248	59002	1.76	cps
Dysprosium	156-2	52444	53458	53200	53034	0.99	cps
Erbium	164-1	31258	31649	31649	31519	0.72	cps
Erbium	164-2	21643	21109	20478	21077	2.77	cps
Gadolinium	160-1	45246	47547	47002	46598	2.58	cps
Gadolinium	160-2	34055	33286	33691	33677	1.14	cps
Holmium	165-1	12444536	12826044	12447376	12572652	1.75	cps
Holmium	165-2	8354741	8527109	8427085	8436312	1.03	cps
Indium	115-1	10950485	10755602	10923973	10876687	0.97	cps
Indium	115-2	3687645	3738659	3704187	3710164	0.70	cps
Iron	56-2	126537108	124103845	127462475	126034476	1.38	cps
Iron	57-2	3168848	3087624	3143807	3133426	1.33	cps
Iron	54-2	6928000	6871575	7038005	6945860	1.22	cps
Krypton	83-1	353	393	363	370	5.63	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	162914	166100	167010	165341	1.30	cps
Lead	207-1	142599	142762	142526	142629	0.09	cps
Lead	208-1	649475	657739	659722	655645	0.83	cps
Lithium	6-1	1705562	1687294	1642574	1678477	1.93	cps
Magnesium	24-2	4331572	4224983	4341449	4299335	1.50	cps
Manganese	55-2	2559431	2502956	2542314	2534900	1.14	cps
Molybdenum	94-1	186342	190847	192926	190038	1.77	cps
Molybdenum	95-1	1757	1707	1713	1726	1.57	cps
Molybdenum	96-1	34060	34300	34912	34424	1.28	cps
Molybdenum	97-1	1097	1150	933	1060	10.65	cps
Molybdenum	98-1	2514	2794	2547	2618	5.84	cps
Neodymium	150-1	147686	150045	151559	149763	1.30	cps
Neodymium	150-2	88147	84995	87653	86932	1.95	cps
Nickel	60-2	199404	198246	199718	199123	0.39	cps
Phosphorus	31-2	31693	32307	31917	31972	0.97	cps
Potassium	39-2	983136	986690	984224	984683	0.18	cps
Rhodium	103-1	10352690	10510315	10542720	10468575	0.97	cps
Rhodium	103-2	6416768	6545145	6395521	6452478	1.25	cps
Scandium	45-1	7460493	7484051	7492024	7478856	0.22	cps
Scandium	45-2	713572	704144	710707	709474	0.68	cps
Selenium	82-1	652	577	682	637	8.50	cps
Selenium	77-2	297	273	293	288	4.38	cps
Selenium	78-2	780	657	713	717	8.61	cps
Silicon	28-1	9253061	9452948	9734146	9480052	2.55	cps
Silver	107-1	4407	3687	3427	3841	13.22	cps
Silver	109-1	3761	3244	3320	3442	8.10	cps
Sodium	23-2	226495	224638	224443	225192	0.50	cps
Strontium	86-1	556944	572072	576145	568387	1.78	cps
Strontium	88-1	4887564	5000242	5017067	4968291	1.42	cps
Sulfur	34-1	227482	233761	239177	233473	2.51	cps
Terbium	159-1	12879801	12850303	12954759	12894954	0.42	cps
Terbium	159-2	8734910	8549656	8681790	8655452	1.10	cps
Thallium	203-1	1353	1177	1337	1289	7.57	cps
Thallium	205-1	3064	2947	2980	2997	2.01	cps
Tin	118-1	19627	19847	20421	19965	2.05	cps
Titanium	47-1	1601502	1610087	1652249	1621279	1.68	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19898	20032	20619	20183	1.90	cps
Vanadium	51-2	282755	282999	282941	282898	0.05	cps
Yttrium	89-1	19546766	20001331	19732902	19760333	1.16	cps
Yttrium	89-2	5036747	5062635	5044556	5047979	0.26	cps
Zinc	66-2	60361	61221	61653	61079	1.08	cps
Zirconium	90-1	516541	526257	529875	524225	1.32	cps
Zirconium	91-1	115416	117348	116837	116534	0.86	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7119626	7144643	7121669	7128646	0.19	cps
Antimony	121-1	2320	2500	2447	2422	3.82	cps
Arsenic	75-2	10374	10003	10264	10214	1.86	cps
Barium	135-1	1810664	1866983	1849432	1842360	1.56	cps
Barium	137-1	3161177	3139952	3256324	3185818	1.95	cps
Beryllium	9-1	2068	2001	1937	2002	3.28	cps
Bismuth	209-1	7373400	7421746	7255313	7350153	1.16	cps
Bismuth	209-2	5757931	5823843	5712061	5764612	0.97	cps
Bromine	81-1	13943	14434	14023	14134	1.86	cps
Bromine	81-2	517	573	440	510	13.12	cps
Cadmium	108-1	540	410	423	458	15.62	cps
Cadmium	106-1	4894	5041	4501	4812	5.80	cps
Cadmium	111-1	4331	4628	4168	4376	5.34	cps
Calcium	43-1	644707	653384	655050	651047	0.85	cps
Calcium	44-1	9873456	10023057	9912859	9936458	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	385479	386754	385966	386066	0.17	cps
Cobalt	59-2	163044	164163	164235	163814	0.41	cps
Copper	63-2	414186	415218	417388	415597	0.39	cps
Dysprosium	156-1	56332	59659	58859	58284	2.98	cps
Dysprosium	156-2	52046	52156	53093	52432	1.10	cps
Erbium	164-1	30764	31716	31873	31451	1.91	cps
Erbium	164-2	20879	20986	20502	20789	1.22	cps
Gadolinium	160-1	45684	46340	47012	46345	1.43	cps
Gadolinium	160-2	33106	33767	33430	33434	0.99	cps
Holmium	165-1	12689209	12577004	12412453	12559556	1.11	cps
Holmium	165-2	8606048	8474685	8428267	8503000	1.08	cps
Indium	115-1	10872693	10704951	10859195	10812280	0.86	cps
Indium	115-2	3694263	3665782	3635392	3665146	0.80	cps
Iron	56-2	129614398	128630131	126284018	128176183	1.33	cps
Iron	57-2	3145724	3171807	3156550	3158027	0.41	cps
Iron	54-2	6936108	6935454	6977686	6949750	0.35	cps
Krypton	83-1	393	450	387	410	8.49	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	160918	163215	162332	162155	0.71	cps
Lead	207-1	140447	142286	139733	140822	0.94	cps
Lead	208-1	637057	647367	642008	642144	0.80	cps
Lithium	6-1	1640121	1614975	1667516	1640870	1.60	cps
Magnesium	24-2	4465762	4459308	4454571	4459880	0.13	cps
Manganese	55-2	2594348	2587321	2553860	2578509	0.84	cps
Molybdenum	94-1	183079	186133	187427	185546	1.20	cps
Molybdenum	95-1	1713	1743	1633	1697	3.35	cps
Molybdenum	96-1	33395	33642	33726	33587	0.51	cps
Molybdenum	97-1	1053	1030	1077	1053	2.22	cps
Molybdenum	98-1	2600	2370	2400	2457	5.09	cps
Neodymium	150-1	147620	149766	148790	148725	0.72	cps
Neodymium	150-2	86785	86909	85953	86549	0.60	cps
Nickel	60-2	201860	204515	202576	202984	0.68	cps
Phosphorus	31-2	32461	32451	32251	32388	0.37	cps
Potassium	39-2	969199	973677	973424	972100	0.26	cps
Rhodium	103-1	10454890	10773911	10470698	10566499	1.70	cps
Rhodium	103-2	6434383	6319305	6310270	6354653	1.09	cps
Scandium	45-1	7360503	7463268	7551290	7458353	1.28	cps
Scandium	45-2	711116	710775	710853	710915	0.03	cps
Selenium	82-1	615	612	560	596	5.17	cps
Selenium	77-2	293	293	300	296	1.30	cps
Selenium	78-2	790	657	760	736	9.51	cps
Silicon	28-1	9149965	9205599	9237209	9197591	0.48	cps
Silver	107-1	3117	3184	3317	3206	3.18	cps
Silver	109-1	2810	2747	2924	2827	3.17	cps
Sodium	23-2	227181	225479	227601	226754	0.50	cps
Strontium	86-1	562390	569176	570591	567385	0.77	cps
Strontium	88-1	4902712	5055482	5032114	4996769	1.65	cps
Sulfur	34-1	239914	243655	242284	241951	0.78	cps
Terbium	159-1	12918031	12919514	12930781	12922776	0.05	cps
Terbium	159-2	8372533	8434516	8330622	8379224	0.62	cps
Thallium	203-1	1167	1227	1167	1187	2.92	cps
Thallium	205-1	2744	2990	2847	2860	4.33	cps
Tin	118-1	19026	18729	19066	18940	0.97	cps
Titanium	47-1	1594245	1614642	1638735	1615874	1.38	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19768	20115	20359	20081	1.48	cps
Vanadium	51-2	281713	281391	280995	281366	0.13	cps
Yttrium	89-1	19670140	19809751	20224343	19901411	1.45	cps
Yttrium	89-2	5051973	5031254	5042127	5041785	0.21	cps
Zinc	66-2	59883	59923	58665	59490	1.20	cps
Zirconium	90-1	503843	514992	516055	511630	1.32	cps
Zirconium	91-1	112255	113915	115567	113912	1.45	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1364653	1348697	1371757	1361702	0.87	cps
Antimony	121-1	607	670	597	624	6.37	cps
Arsenic	75-2	1793	1837	1897	1842	2.82	cps
Barium	135-1	336896	338727	342772	339465	0.89	cps
Barium	137-1	579132	588225	590860	586072	1.05	cps
Beryllium	9-1	399	401	427	409	3.78	cps
Bismuth	209-1	7241743	7308487	7398187	7316139	1.07	cps
Bismuth	209-2	5757598	5745735	5746089	5749807	0.12	cps
Bromine	81-1	13390	12986	13266	13214	1.57	cps
Bromine	81-2	207	257	233	232	10.77	cps
Cadmium	108-1	103	107	83	98	12.91	cps
Cadmium	106-1	3924	3774	3837	3845	1.96	cps
Cadmium	111-1	2938	2867	2961	2922	1.68	cps
Calcium	43-1	133495	133588	134355	133813	0.35	cps
Calcium	44-1	2050663	2098157	2050676	2066499	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76861	75792	75407	76020	0.99	cps
Cobalt	59-2	31520	31410	31166	31365	0.58	cps
Copper	63-2	82626	82395	82600	82540	0.15	cps
Dysprosium	156-1	10871	10914	10954	10913	0.38	cps
Dysprosium	156-2	10210	9964	10047	10074	1.25	cps
Erbium	164-1	5688	6031	6048	5922	3.43	cps
Erbium	164-2	3971	4161	3941	4024	2.97	cps
Gadolinium	160-1	8803	9063	8783	8883	1.76	cps
Gadolinium	160-2	6595	6795	6682	6691	1.50	cps
Holmium	165-1	12075400	12121533	12387995	12194976	1.38	cps
Holmium	165-2	8321952	8569409	8453850	8448404	1.47	cps
Indium	115-1	10815238	10708317	10527917	10683824	1.36	cps
Indium	115-2	3688680	3772096	3686897	3715891	1.31	cps
Iron	56-2	24464722	24034695	23997618	24165679	1.07	cps
Iron	57-2	632367	630735	630095	631066	0.19	cps
Iron	54-2	1411650	1407739	1319915	1379768	3.76	cps
Krypton	83-1	387	400	327	371	10.53	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31781	31847	31901	31843	0.19	cps
Lead	207-1	27474	27869	27488	27610	0.81	cps
Lead	208-1	124826	127092	125689	125869	0.91	cps
Lithium	6-1	1609061	1625924	1662663	1632549	1.68	cps
Magnesium	24-2	859239	852965	845040	852415	0.83	cps
Manganese	55-2	495773	495378	492993	494715	0.30	cps
Molybdenum	94-1	36906	37425	37448	37260	0.82	cps
Molybdenum	95-1	667	780	1294	914	36.61	cps
Molybdenum	96-1	6942	6832	7012	6928	1.31	cps
Molybdenum	97-1	433	483	387	434	11.13	cps
Molybdenum	98-1	1003	1043	947	998	4.87	cps
Neodymium	150-1	28155	28202	28572	28310	0.81	cps
Neodymium	150-2	16153	16396	16506	16352	1.11	cps
Nickel	60-2	38773	38476	38910	38720	0.57	cps
Phosphorus	31-2	5991	6098	6101	6063	1.03	cps
Potassium	39-2	265850	266118	266613	266194	0.15	cps
Rhodium	103-1	10309986	10608830	10464540	10461118	1.43	cps
Rhodium	103-2	6285233	6448401	6443384	6392339	1.45	cps
Scandium	45-1	7288892	7337548	7267801	7298080	0.49	cps
Scandium	45-2	682962	683900	680202	682355	0.28	cps
Selenium	82-1	470	549	641	554	15.47	cps
Selenium	77-2	50	80	37	56	39.95	cps
Selenium	78-2	493	527	600	540	10.11	cps
Silicon	28-1	2291837	2155624	2183235	2210232	3.26	cps
Silver	107-1	737	757	767	753	2.03	cps
Silver	109-1	613	650	590	618	4.90	cps
Sodium	23-2	90725	90232	89856	90271	0.48	cps
Strontium	86-1	108187	109356	108953	108832	0.55	cps
Strontium	88-1	938508	957180	954041	949910	1.05	cps
Sulfur	34-1	221120	221647	223070	221946	0.45	cps
Terbium	159-1	12512223	12601695	12627645	12580521	0.48	cps
Terbium	159-2	8548492	8435792	8364252	8449512	1.10	cps
Thallium	203-1	597	517	480	531	11.23	cps
Thallium	205-1	1297	1280	1140	1239	6.95	cps
Tin	118-1	5601	5564	5798	5654	2.22	cps
Titanium	47-1	312346	314955	317070	314790	0.75	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3957	3861	4097	3972	3.00	cps
Vanadium	51-2	54000	53668	54371	54013	0.65	cps
Yttrium	89-1	19101656	19098119	19167076	19122284	0.20	cps
Yttrium	89-2	4872293	4888318	4848639	4869750	0.41	cps
Zinc	66-2	15171	16142	15822	15712	3.15	cps
Zirconium	90-1	98776	101286	100575	100212	1.29	cps
Zirconium	91-1	21613	22607	22521	22247	2.48	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7172138	7206237	7076389	7151588	0.94	cps
Antimony	121-1	198021	203607	201665	201098	1.41	cps
Arsenic	75-2	14978	14694	15004	14892	1.15	cps
Barium	135-1	2905825	2859191	2979101	2914706	2.07	cps
Barium	137-1	4918959	4991572	4942506	4951012	0.75	cps
Beryllium	9-1	18871	19114	19102	19029	0.72	cps
Bismuth	209-1	7012458	7495442	7383099	7296999	3.46	cps
Bismuth	209-2	5708170	5706817	5886425	5767137	1.79	cps
Bromine	81-1	13029	13430	13913	13457	3.29	cps
Bromine	81-2	527	463	470	487	7.15	cps
Cadmium	108-1	2180	2130	2214	2175	1.93	cps
Cadmium	106-1	6882	7095	7065	7014	1.65	cps
Cadmium	111-1	30350	30668	30772	30596	0.72	cps
Calcium	43-1	673200	680992	682425	678872	0.73	cps
Calcium	44-1	10152221	10252883	10353274	10252793	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	615651	609190	609359	611400	0.60	cps
Cobalt	59-2	993962	1005717	994737	998138	0.66	cps
Copper	63-2	692877	694124	685449	690817	0.68	cps
Dysprosium	156-1	57879	58592	58240	58237	0.61	cps
Dysprosium	156-2	52698	53960	54703	53787	1.88	cps
Erbium	164-1	31051	31582	31803	31479	1.23	cps
Erbium	164-2	20959	20996	21467	21141	1.34	cps
Gadolinium	160-1	46055	46380	46898	46444	0.92	cps
Gadolinium	160-2	33677	33821	32999	33499	1.31	cps
Holmium	165-1	11765092	12641171	12660234	12355499	4.14	cps
Holmium	165-2	8417477	8532846	8675438	8541920	1.51	cps
Indium	115-1	10041839	10788059	10767558	10532486	4.04	cps
Indium	115-2	3699862	3681749	3730994	3704202	0.67	cps
Iron	56-2	126239311	128677591	125756565	126891156	1.23	cps
Iron	57-2	3127461	3118629	3131555	3125882	0.21	cps
Iron	54-2	7010424	7059014	6945997	7005145	0.81	cps
Krypton	83-1	340	390	407	379	9.16	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	187557	190652	189480	189230	0.83	cps
Lead	207-1	163717	164311	165236	164421	0.47	cps
Lead	208-1	749921	757274	751108	752767	0.52	cps
Lithium	6-1	1557687	1685987	1652913	1632196	4.08	cps
Magnesium	24-2	4354527	4356570	4359693	4356930	0.06	cps
Manganese	55-2	2884913	2940816	2881663	2902464	1.15	cps
Molybdenum	94-1	184483	188730	190141	187785	1.57	cps
Molybdenum	95-1	1723	1587	1717	1676	4.60	cps
Molybdenum	96-1	34260	33772	34360	34131	0.92	cps
Molybdenum	97-1	983	1007	1020	1003	1.85	cps
Molybdenum	98-1	2587	2450	2594	2544	3.18	cps
Neodymium	150-1	147671	150797	151212	149893	1.29	cps
Neodymium	150-2	83398	85685	83985	84356	1.41	cps
Nickel	60-2	415417	413557	413232	414068	0.28	cps
Phosphorus	31-2	31790	32184	31877	31950	0.65	cps
Potassium	39-2	982555	980176	976162	979631	0.33	cps
Rhodium	103-1	9880817	10506578	10432029	10273141	3.33	cps
Rhodium	103-2	6453384	6361571	6538144	6451033	1.37	cps
Scandium	45-1	6917352	7507426	7486895	7303891	4.59	cps
Scandium	45-2	699507	704197	697749	700484	0.48	cps
Selenium	82-1	5118	5227	5402	5249	2.73	cps
Selenium	77-2	720	733	647	700	6.67	cps
Selenium	78-2	2167	2177	2144	2162	0.79	cps
Silicon	28-1	9360797	9372676	9625984	9453152	1.58	cps
Silver	107-1	118200	118969	120942	119370	1.18	cps
Silver	109-1	112687	113987	113746	113473	0.61	cps
Sodium	23-2	221047	221510	220330	220962	0.27	cps
Strontium	86-1	568072	572843	575062	571992	0.62	cps
Strontium	88-1	4928210	5003680	5001818	4977903	0.86	cps
Sulfur	34-1	243598	242680	246235	244171	0.76	cps
Terbium	159-1	12083131	13063009	12545420	12563853	3.90	cps
Terbium	159-2	8552435	8343635	8354000	8416690	1.40	cps
Thallium	203-1	78350	80600	78699	79216	1.53	cps
Thallium	205-1	190484	193225	192307	192005	0.73	cps
Tin	118-1	18766	19059	19033	18953	0.86	cps
Titanium	47-1	1631275	1620704	1649807	1633929	0.90	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19938	20249	20392	20193	1.15	cps
Vanadium	51-2	770241	772848	765378	769489	0.49	cps
Yttrium	89-1	18646814	19974873	19695066	19438918	3.60	cps
Yttrium	89-2	4977930	4909706	5012392	4966676	1.05	cps
Zinc	66-2	150810	148402	151847	150353	1.18	cps
Zirconium	90-1	507675	520780	524801	517752	1.73	cps
Zirconium	91-1	113814	115295	115970	115026	0.96	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7129023	7240391	7186927	7185447	0.78	cps
Antimony	121-1	867854	875906	890125	877962	1.28	cps
Arsenic	75-2	31076	30952	30632	30887	0.74	cps
Barium	135-1	6140021	6229419	6182564	6184001	0.72	cps
Barium	137-1	10584775	10767422	10607623	10653273	0.93	cps
Beryllium	9-1	74036	74684	74895	74538	0.60	cps
Bismuth	209-1	7195291	7283367	7359289	7279316	1.13	cps
Bismuth	209-2	5711354	5690105	5771105	5724188	0.73	cps
Bromine	81-1	13213	13079	13450	13247	1.42	cps
Bromine	81-2	453	473	477	468	2.70	cps
Cadmium	108-1	8396	8326	8072	8265	2.06	cps
Cadmium	106-1	15005	14934	15695	15211	2.76	cps
Cadmium	111-1	117936	121342	121625	120301	1.71	cps
Calcium	43-1	618558	635158	632204	628640	1.41	cps
Calcium	44-1	9433676	9660908	9527098	9540561	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1295532	1296423	1299105	1297020	0.14	cps
Cobalt	59-2	3662184	3662069	3633008	3652420	0.46	cps
Copper	63-2	1572960	1577827	1546190	1565659	1.09	cps
Dysprosium	156-1	55328	55288	55472	55363	0.17	cps
Dysprosium	156-2	49584	51327	50206	50372	1.75	cps
Erbium	164-1	29104	29511	29772	29462	1.14	cps
Erbium	164-2	20205	20065	19858	20042	0.87	cps
Gadolinium	160-1	44280	44571	44240	44363	0.41	cps
Gadolinium	160-2	32077	32902	32588	32522	1.28	cps
Holmium	165-1	12329814	12190159	12418515	12312830	0.93	cps
Holmium	165-2	8493786	8375138	8466564	8445163	0.74	cps
Indium	115-1	10599876	10719697	10898539	10739371	1.40	cps
Indium	115-2	3640050	3627729	3666087	3644622	0.54	cps
Iron	56-2	123866731	123072028	122775575	123238112	0.46	cps
Iron	57-2	3075387	3023236	3062690	3053771	0.89	cps
Iron	54-2	6872457	6872807	6725546	6823603	1.24	cps
Krypton	83-1	420	383	380	394	5.63	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	264317	269337	271947	268534	1.44	cps
Lead	207-1	231357	231751	234748	232619	0.80	cps
Lead	208-1	1056324	1069518	1084021	1069954	1.29	cps
Lithium	6-1	1628303	1664366	1691751	1661474	1.92	cps
Magnesium	24-2	4142806	4150080	4175885	4156257	0.42	cps
Manganese	55-2	3996502	4008713	3978936	3994717	0.37	cps
Molybdenum	94-1	172189	178460	177977	176209	1.98	cps
Molybdenum	95-1	1437	1610	1523	1523	5.69	cps
Molybdenum	96-1	30652	32556	32055	31755	3.11	cps
Molybdenum	97-1	817	837	870	841	3.20	cps
Molybdenum	98-1	2280	2340	2237	2286	2.27	cps
Neodymium	150-1	139469	144101	143705	142425	1.80	cps
Neodymium	150-2	81608	82707	82121	82145	0.67	cps
Nickel	60-2	1087582	1074158	1075707	1079149	0.68	cps
Phosphorus	31-2	29906	30430	29876	30071	1.04	cps
Potassium	39-2	922306	920207	917097	919870	0.28	cps
Rhodium	103-1	10276720	10427064	10387833	10363872	0.75	cps
Rhodium	103-2	6399539	6448647	6399047	6415744	0.44	cps
Scandium	45-1	7228996	7425192	7419908	7358032	1.52	cps
Scandium	45-2	688917	690643	691023	690194	0.16	cps
Selenium	82-1	17031	17752	17490	17424	2.10	cps
Selenium	77-2	2024	2067	1997	2029	1.74	cps
Selenium	78-2	5955	5991	6161	6036	1.83	cps
Silicon	28-1	8718621	8858887	8930840	8836116	1.22	cps
Silver	107-1	487063	490904	493311	490426	0.64	cps
Silver	109-1	453658	463324	467294	461425	1.52	cps
Sodium	23-2	212496	213698	213874	213356	0.35	cps
Strontium	86-1	531700	543408	548168	541092	1.57	cps
Strontium	88-1	4674555	4712953	4806843	4731450	1.44	cps
Sulfur	34-1	236333	235141	233301	234925	0.65	cps
Terbium	159-1	12694247	12671526	12660918	12675564	0.13	cps
Terbium	159-2	8419475	8333157	8435736	8396123	0.66	cps
Thallium	203-1	348592	352259	353992	351614	0.78	cps
Thallium	205-1	823862	840024	846593	836826	1.40	cps
Tin	118-1	18068	18499	19029	18532	2.60	cps
Titanium	47-1	1507055	1547677	1535538	1530090	1.36	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18339	19257	19217	18938	2.74	cps
Vanadium	51-2	2283104	2216349	2243426	2247627	1.49	cps
Yttrium	89-1	19396592	19336324	19624478	19452464	0.78	cps
Yttrium	89-2	4874803	4879743	4917808	4890785	0.48	cps
Zinc	66-2	436345	438951	436808	437368	0.32	cps
Zirconium	90-1	475837	492476	492885	487066	2.00	cps
Zirconium	91-1	106133	110233	112142	109503	2.80	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27407435	27038252	27349844	27265177	0.73	cps
Antimony	121-1	7412	7745	7879	7679	3.13	cps
Arsenic	75-2	37611	37935	37407	37651	0.71	cps
Barium	135-1	6918643	7088853	7121041	7042846	1.54	cps
Barium	137-1	11917971	12244334	12280189	12147498	1.64	cps
Beryllium	9-1	6901	7340	7369	7204	3.64	cps
Bismuth	209-1	7285969	7118453	7371464	7258629	1.77	cps
Bismuth	209-2	5557886	5534348	5421089	5504441	1.33	cps
Bromine	81-1	16449	17801	17941	17397	4.74	cps
Bromine	81-2	1533	1603	1623	1587	2.98	cps
Cadmium	108-1	1563	1737	1600	1633	5.59	cps
Cadmium	106-1	7599	7889	7919	7802	2.27	cps
Cadmium	111-1	9059	9127	9644	9277	3.45	cps
Calcium	43-1	2421079	2480812	2495657	2465849	1.60	cps
Calcium	44-1	38863710	40096768	40477845	39812774	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1469053	1468234	1443382	1460223	1.00	cps
Cobalt	59-2	610086	611541	611876	611168	0.16	cps
Copper	63-2	1584926	1567208	1556070	1569401	0.93	cps
Dysprosium	156-1	216190	222323	221634	220049	1.53	cps
Dysprosium	156-2	194661	195628	197416	195902	0.71	cps
Erbium	164-1	116195	119899	120078	118724	1.85	cps
Erbium	164-2	79018	77781	79052	78617	0.92	cps
Gadolinium	160-1	173062	176771	179318	176384	1.78	cps
Gadolinium	160-2	126286	128005	125856	126716	0.90	cps
Holmium	165-1	12168408	12288981	12304900	12254096	0.61	cps
Holmium	165-2	8306416	8223797	8272999	8267738	0.50	cps
Indium	115-1	10324712	10482341	10393946	10400333	0.76	cps
Indium	115-2	3541254	3557355	3536888	3545166	0.30	cps
Iron	56-2	478268393	478118260	476855273	477747308	0.16	cps
Iron	57-2	11874251	11770700	11737839	11794263	0.60	cps
Iron	54-2	26505959	26478211	26462601	26482257	0.08	cps
Krypton	83-1	510	547	557	538	4.57	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2003061	2019910	2054275	2025749	1.29	cps
Lead	207-1	1599685	1638053	1662771	1633503	1.95	cps
Lead	208-1	7930069	7961912	8209623	8033868	1.90	cps
Lithium	6-1	1613550	1588254	1606254	1602686	0.81	cps
Magnesium	24-2	16633529	16663550	16342259	16546446	1.07	cps
Manganese	55-2	9509378	9554880	9592923	9552394	0.44	cps
Molybdenum	94-1	717119	735405	744920	732481	1.93	cps
Molybdenum	95-1	4281	4651	4644	4525	4.68	cps
Molybdenum	96-1	127957	128906	131199	129354	1.29	cps
Molybdenum	97-1	2760	2707	2710	2726	1.10	cps
Molybdenum	98-1	6565	6635	6435	6545	1.55	cps
Neodymium	150-1	556117	567700	572912	565576	1.52	cps
Neodymium	150-2	322556	320427	323737	322240	0.52	cps
Nickel	60-2	743428	747916	739448	743597	0.57	cps
Phosphorus	31-2	120440	119011	119200	119550	0.65	cps
Potassium	39-2	3232828	3206806	3214567	3218067	0.42	cps
Rhodium	103-1	10075900	10088463	10219734	10128032	0.79	cps
Rhodium	103-2	6073202	6190455	6226773	6163477	1.30	cps
Scandium	45-1	7823021	7816589	8001714	7880441	1.33	cps
Scandium	45-2	751329	750885	744955	749056	0.48	cps
Selenium	82-1	823	816	668	769	11.40	cps
Selenium	77-2	977	1113	970	1020	7.93	cps
Selenium	78-2	1210	1110	1233	1185	5.53	cps
Silicon	28-1	39404445	40940614	41154682	40499914	2.36	cps
Silver	107-1	13063	12072	12145	12427	4.44	cps
Silver	109-1	11021	10724	11048	10931	1.64	cps
Sodium	23-2	726189	740176	741656	736007	1.16	cps
Strontium	86-1	2127187	2201232	2231796	2186739	2.46	cps
Strontium	88-1	18719021	19057071	19290377	19022156	1.51	cps
Sulfur	34-1	262043	267333	268133	265836	1.24	cps
Terbium	159-1	12808843	12773204	12774481	12785509	0.16	cps
Terbium	159-2	8294552	8286440	8398483	8326491	0.75	cps
Thallium	203-1	3637	3967	3987	3864	5.09	cps
Thallium	205-1	8740	9106	9667	9171	5.09	cps
Tin	118-1	66781	69490	69075	68449	2.13	cps
Titanium	47-1	6114186	6264962	6322498	6233882	1.73	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73679	76542	76438	75553	2.15	cps
Vanadium	51-2	1088600	1087020	1077505	1084375	0.55	cps
Yttrium	89-1	20747996	21165490	21060163	20991216	1.03	cps
Yttrium	89-2	5208342	5209565	5282647	5233518	0.81	cps
Zinc	66-2	216368	218161	217052	217193	0.42	cps
Zirconium	90-1	1948952	2030442	2051483	2010292	2.69	cps
Zirconium	91-1	434763	452502	456672	447979	2.60	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16898875	16753803	16610787	16754488	0.86	cps
Antimony	121-1	5888978	6010569	6065236	5988261	1.51	cps
Arsenic	75-2	351535	354626	353086	353082	0.44	cps
Barium	135-1	7692935	7930967	8011466	7878456	2.10	cps
Barium	137-1	13484852	13908922	13644541	13679438	1.57	cps
Beryllium	9-1	1150052	1172304	1166042	1162799	0.99	cps
Bismuth	209-1	7109608	7004216	6992728	7035517	0.92	cps
Bismuth	209-2	5326935	5339256	5373180	5346457	0.45	cps
Bromine	81-1	11515	11364	11591	11490	1.00	cps
Bromine	81-2	140	110	133	128	12.33	cps
Cadmium	108-1	108801	111383	111282	110489	1.32	cps
Cadmium	106-1	157397	163192	161183	160590	1.83	cps
Cadmium	111-1	1469569	1493949	1496671	1486730	1.00	cps
Calcium	43-1	9507308	9617655	9612185	9579049	0.65	cps
Calcium	44-1	152239378	154952994	152733234	153308535	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2969169	2987771	3026822	2994587	0.98	cps
Cobalt	59-2	4819288	4844169	4816852	4826770	0.31	cps
Copper	63-2	33275729	33296529	33351625	33307961	0.12	cps
Dysprosium	156-1	290	287	283	287	1.16	cps
Dysprosium	156-2	457	440	373	423	10.42	cps
Erbium	164-1	360	350	353	354	1.44	cps
Erbium	164-2	223	217	257	232	9.23	cps
Gadolinium	160-1	267	247	247	253	4.56	cps
Gadolinium	160-2	407	443	433	428	4.43	cps
Holmium	165-1	12502163	12339766	12544807	12462245	0.87	cps
Holmium	165-2	8499906	8496837	8516300	8504347	0.12	cps
Indium	115-1	9960634	9876086	9797994	9878238	0.82	cps
Indium	115-2	3417068	3356820	3403395	3392428	0.93	cps
Iron	56-2	638681724	638322470	643782550	640262248	0.48	cps
Iron	57-2	15804539	15925969	15860109	15863539	0.38	cps
Iron	54-2	34840904	35179974	35181446	35067441	0.56	cps
Krypton	83-1	253	320	380	318	19.94	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21242107	21701707	21590848	21511554	1.11	cps
Lead	207-1	18867603	19143259	19167711	19059524	0.87	cps
Lead	208-1	86321402	86826687	86555435	86567842	0.29	cps
Lithium	6-1	1731157	1683576	1674362	1696365	1.80	cps
Magnesium	24-2	139714151	139166895	140335291	139738779	0.42	cps
Manganese	55-2	21319506	21553874	21541414	21471598	0.61	cps
Molybdenum	94-1	24500055	25447125	25155872	25034350	1.94	cps
Molybdenum	95-1	35552123	37275369	36905168	36577553	2.48	cps
Molybdenum	96-1	39075855	39953029	39554379	39527755	1.11	cps
Molybdenum	97-1	22457754	22591184	22453486	22500808	0.35	cps
Molybdenum	98-1	57599361	59112754	58040347	58250821	1.34	cps
Neodymium	150-1	377	380	430	396	7.55	cps
Neodymium	150-2	147	177	170	164	9.58	cps
Nickel	60-2	1195646	1191426	1189036	1192036	0.28	cps
Phosphorus	31-2	181489	182747	182838	182358	0.41	cps
Potassium	39-2	88126429	87882442	89190672	88399848	0.79	cps
Rhodium	103-1	9461457	9336940	9263602	9354000	1.07	cps
Rhodium	103-2	5750654	5703950	5752286	5735630	0.48	cps
Scandium	45-1	6874315	6810748	6721030	6802031	1.13	cps
Scandium	45-2	639561	642283	637496	639780	0.38	cps
Selenium	82-1	100550	101115	100710	100792	0.29	cps
Selenium	77-2	10007	10020	9873	9967	0.81	cps
Selenium	78-2	33378	32806	33378	33187	0.99	cps
Silicon	28-1	28322741	29132060	28410946	28621916	1.55	cps
Silver	107-1	7522854	7606595	7650760	7593403	0.86	cps
Silver	109-1	7129972	7157045	7128032	7138350	0.23	cps
Sodium	23-2	239989556	238459096	240511576	239653410	0.45	cps
Strontium	86-1	52991386	53486169	53577771	53351775	0.59	cps
Strontium	88-1	462314766	468774860	466751193	465946940	0.71	cps
Sulfur	34-1	845983	842522	835835	841447	0.61	cps
Terbium	159-1	12750897	12719915	12631644	12700819	0.49	cps
Terbium	159-2	8264152	8182603	8256209	8234321	0.55	cps
Thallium	203-1	5249520	5441716	5506788	5399341	2.48	cps
Thallium	205-1	12577987	12937973	13007648	12841203	1.80	cps
Tin	118-1	5073395	5193217	5118296	5128303	1.18	cps
Titanium	47-1	9971948	10220115	10215440	10135834	1.40	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16977478	17277742	17344723	17199981	1.14	cps
Vanadium	51-2	2686063	2700525	2710737	2699108	0.46	cps
Yttrium	89-1	18305091	18050894	18060317	18138768	0.79	cps
Yttrium	89-2	4551844	4500428	4500705	4517659	0.66	cps
Zinc	66-2	5151531	5105235	5100711	5119159	0.55	cps
Zirconium	90-1	11357761	11614704	11708977	11560481	1.57	cps
Zirconium	91-1	2514710	2563437	2620714	2566287	2.07	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1133	1247	1200	1193	4.77	cps
Antimony	121-1	3747	4001	4481	4076	9.14	cps
Arsenic	75-2	27	37	20	28	30.20	cps
Barium	135-1	407	293	310	337	18.18	cps
Barium	137-1	723	620	607	650	9.82	cps
Beryllium	9-1	105	77	67	83	23.35	cps
Bismuth	209-1	7498397	7358728	7500041	7452389	1.09	cps
Bismuth	209-2	5810169	5701364	5871398	5794310	1.49	cps
Bromine	81-1	10941	11201	11301	11148	1.67	cps
Bromine	81-2	157	113	183	151	23.38	cps
Cadmium	108-1	27	27	17	23	24.74	cps
Cadmium	106-1	3374	3480	3424	3426	1.56	cps
Cadmium	111-1	2476	2528	2482	2495	1.13	cps
Calcium	43-1	887	807	937	877	7.48	cps
Calcium	44-1	36254	35005	35924	35728	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1760	1677	1720	1719	2.43	cps
Cobalt	59-2	230	273	250	251	8.64	cps
Copper	63-2	4021	4034	4261	4105	3.29	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	73	80	100	84	16.44	cps
Erbium	164-2	67	77	57	67	15.00	cps
Gadolinium	160-1	43	53	47	48	10.66	cps
Gadolinium	160-2	310	250	327	296	13.64	cps
Holmium	165-1	12184764	12056585	12246471	12162607	0.80	cps
Holmium	165-2	8416295	8350719	8490183	8419066	0.83	cps
Indium	115-1	10310552	10481836	10510821	10434403	1.04	cps
Indium	115-2	3608653	3606337	3602306	3605765	0.09	cps
Iron	56-2	43696	43690	46896	44761	4.13	cps
Iron	57-2	2630	2627	3034	2764	8.46	cps
Iron	54-2	4217	3927	4317	4154	4.88	cps
Krypton	83-1	293	293	283	290	1.99	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2020	1797	1623	1813	10.97	cps
Lead	207-1	1737	1467	1500	1568	9.39	cps
Lead	208-1	8101	7071	6717	7296	9.85	cps
Lithium	6-1	1663113	1697569	1683512	1681398	1.03	cps
Magnesium	24-2	4791	5544	5761	5365	9.49	cps
Manganese	55-2	1110	1163	1327	1200	9.41	cps
Molybdenum	94-1	3310	2920	2917	3049	7.42	cps
Molybdenum	95-1	2327	2150	2164	2214	4.45	cps
Molybdenum	96-1	2970	2494	2630	2698	9.10	cps
Molybdenum	97-1	1380	1200	1243	1275	7.37	cps
Molybdenum	98-1	3694	3407	3530	3544	4.06	cps
Neodymium	150-1	23	13	10	16	44.60	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	300	313	327	313	4.25	cps
Phosphorus	31-2	230	177	200	202	13.22	cps
Potassium	39-2	97281	96933	97091	97102	0.18	cps
Rhodium	103-1	10027195	10185837	10321390	10178141	1.45	cps
Rhodium	103-2	6316007	6208807	6300918	6275244	0.92	cps
Scandium	45-1	6724309	6754482	6795094	6757962	0.53	cps
Scandium	45-2	636636	641197	637827	638553	0.37	cps
Selenium	82-1	544	508	576	543	6.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	467	427	443	446	4.51	cps
Silicon	28-1	354099	353171	358393	355221	0.78	cps
Silver	107-1	1350	1280	1203	1278	5.74	cps
Silver	109-1	1343	1283	1100	1242	10.21	cps
Sodium	23-2	73782	75145	74151	74359	0.95	cps
Strontium	86-1	2767	2224	2120	2370	14.66	cps
Strontium	88-1	19046	15115	14724	16295	14.67	cps
Sulfur	34-1	256278	256742	253825	255615	0.61	cps
Terbium	159-1	12284551	12317543	12440926	12347674	0.67	cps
Terbium	159-2	8285107	8360365	8389883	8345118	0.65	cps
Thallium	203-1	897	653	740	763	16.16	cps
Thallium	205-1	2007	1860	1493	1787	14.80	cps
Tin	118-1	3117	3310	3280	3236	3.22	cps
Titanium	47-1	817	747	757	773	4.90	cps

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

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

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	517	420	437	458	11.29	cps
Vanadium	51-2	93	130	127	117	17.38	cps
Yttrium	89-1	17694908	18192363	18348325	18078532	1.89	cps
Yttrium	89-2	4586339	4662796	4650048	4633061	0.88	cps
Zinc	66-2	1303	1363	1217	1295	5.70	cps
Zirconium	90-1	5855	5081	4741	5225	10.92	cps
Zirconium	91-1	1290	1107	963	1120	14.62	cps

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Prep Standard - Chemical Standard Summary

Order ID : P4293

Test : Metals CLP MS FULL

Prepbatch ID : PB164027,

Sequence ID/Qc Batch ID: LB133092,LB133117,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,M6083,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	10/24/2024	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/26/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	03/25/2029	10/06/2024 / Janvi	09/02/2024 / Janvi	M6083

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/5/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

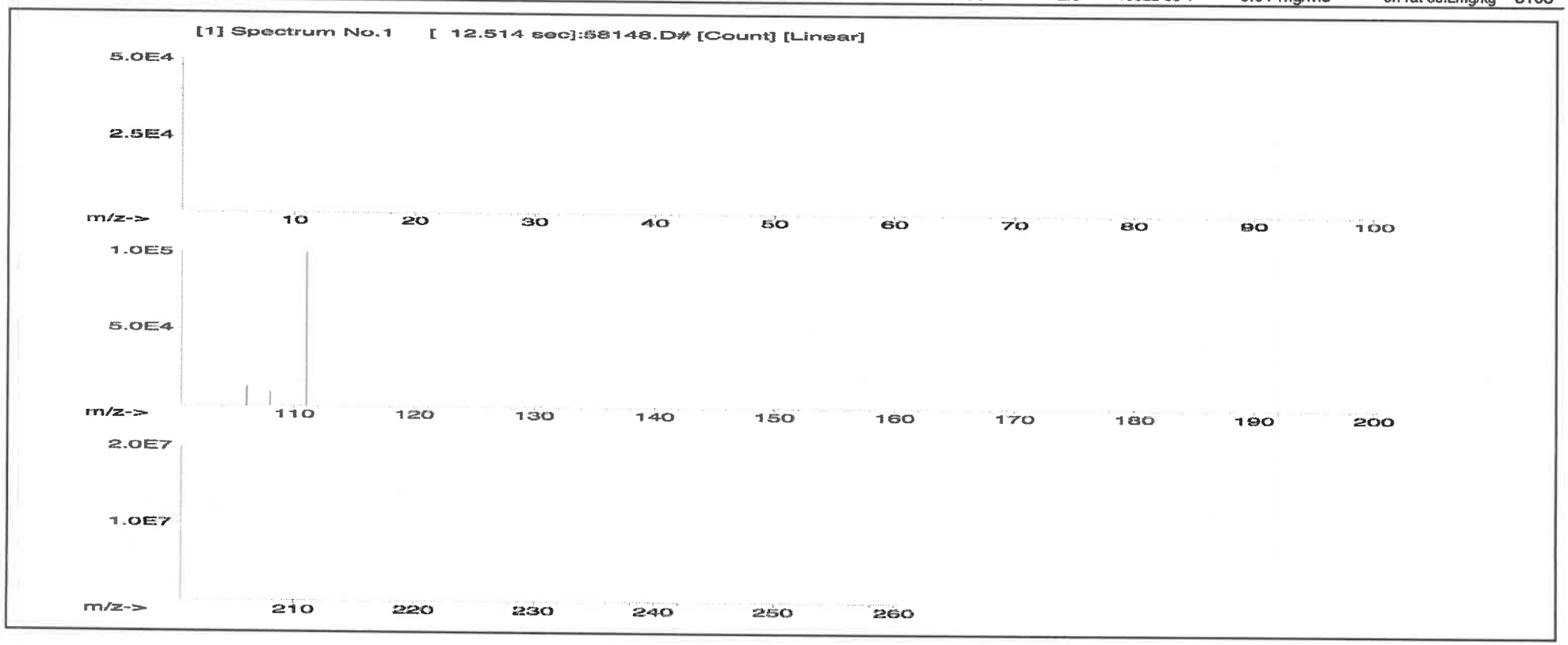
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 8/5/24

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

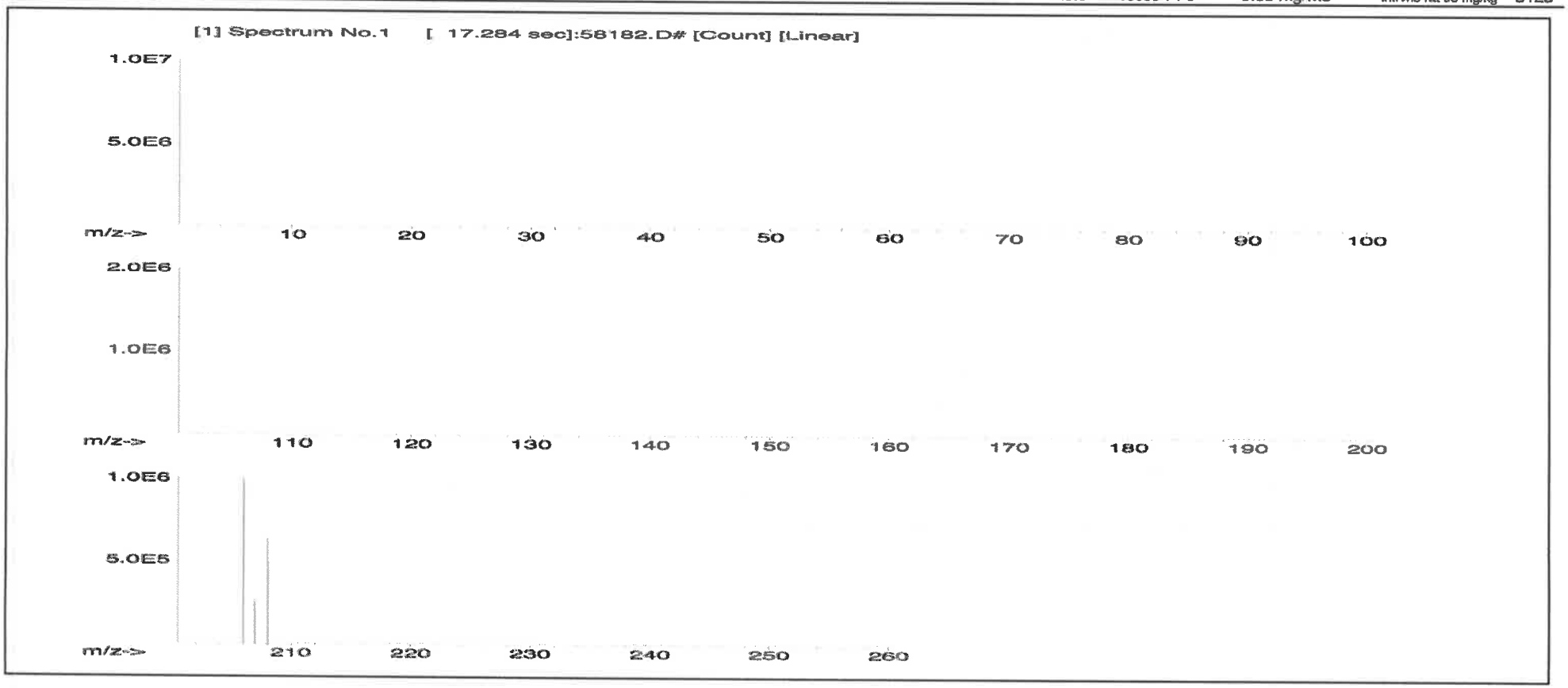
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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

M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

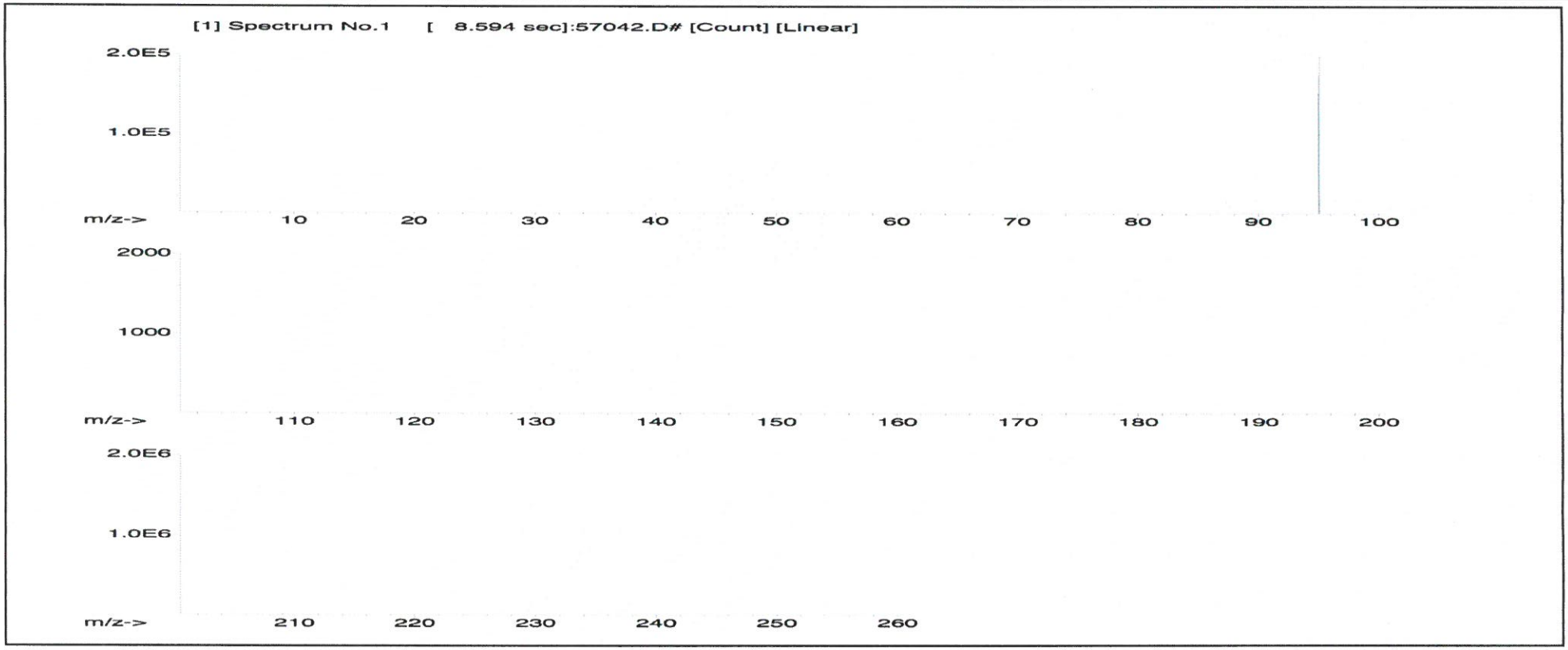
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

V15200 R: 04/24/22 (BP)

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Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

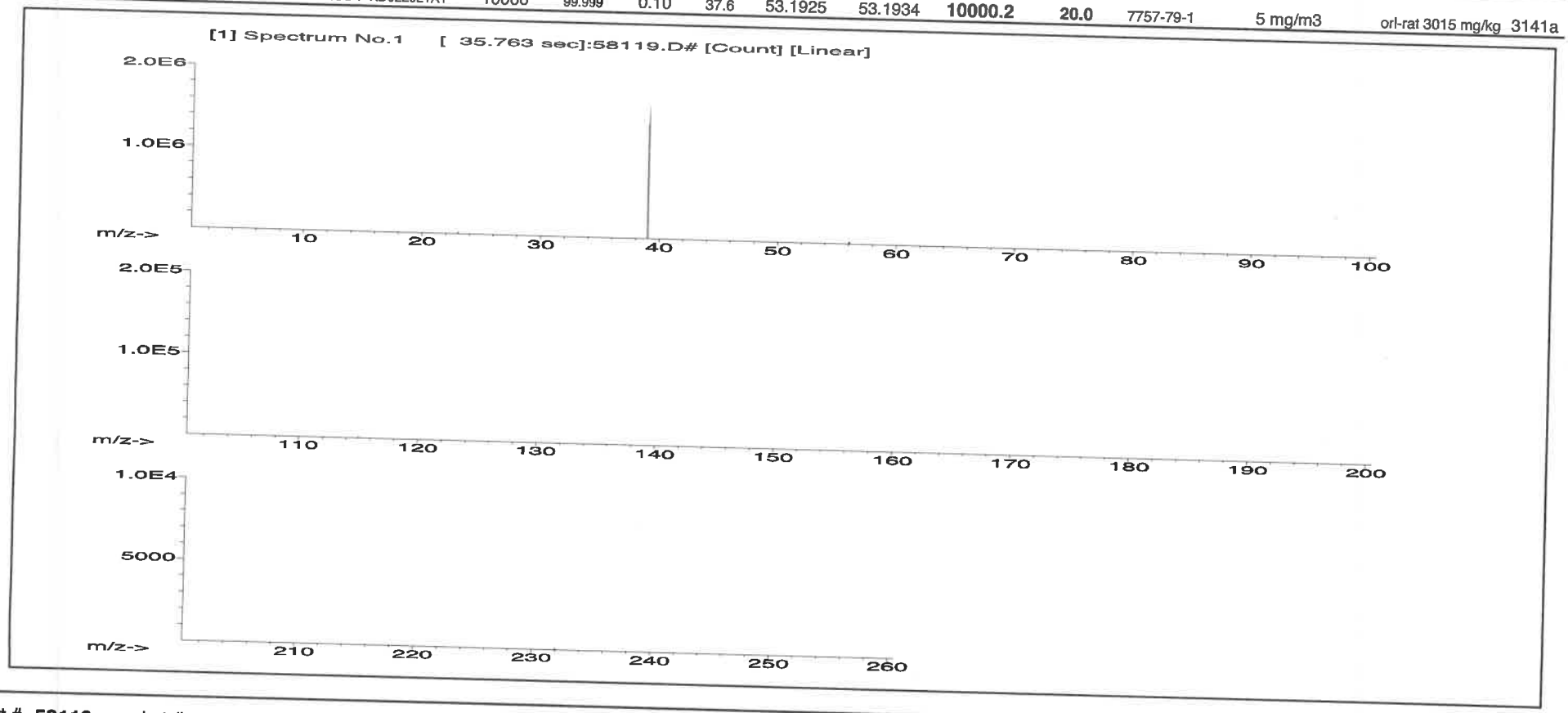
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

		Lot #	
Solvent:	20510011		Nitric Acid
2%	40.0 (mL)		Nitric Acid
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

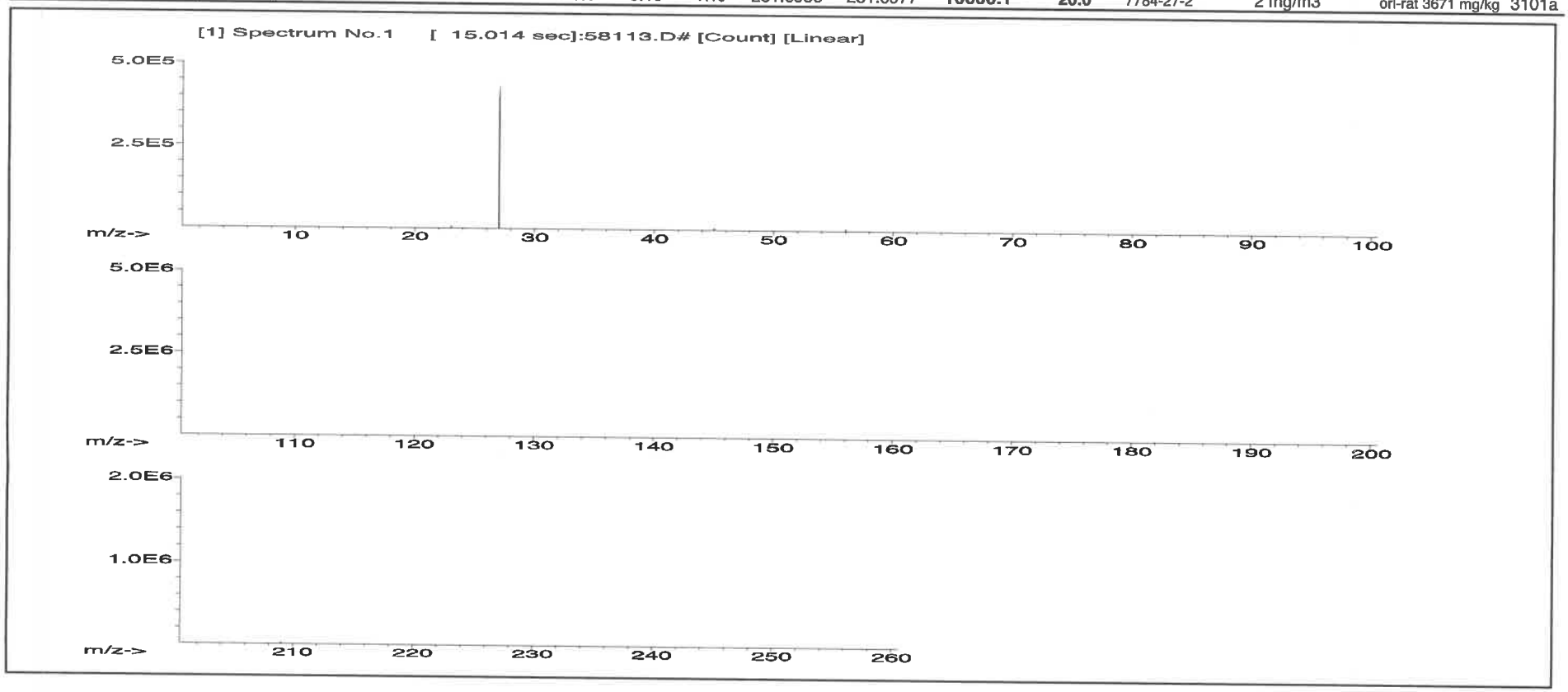
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CERTIFIED WEIGHT REPORT:

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

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QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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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



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800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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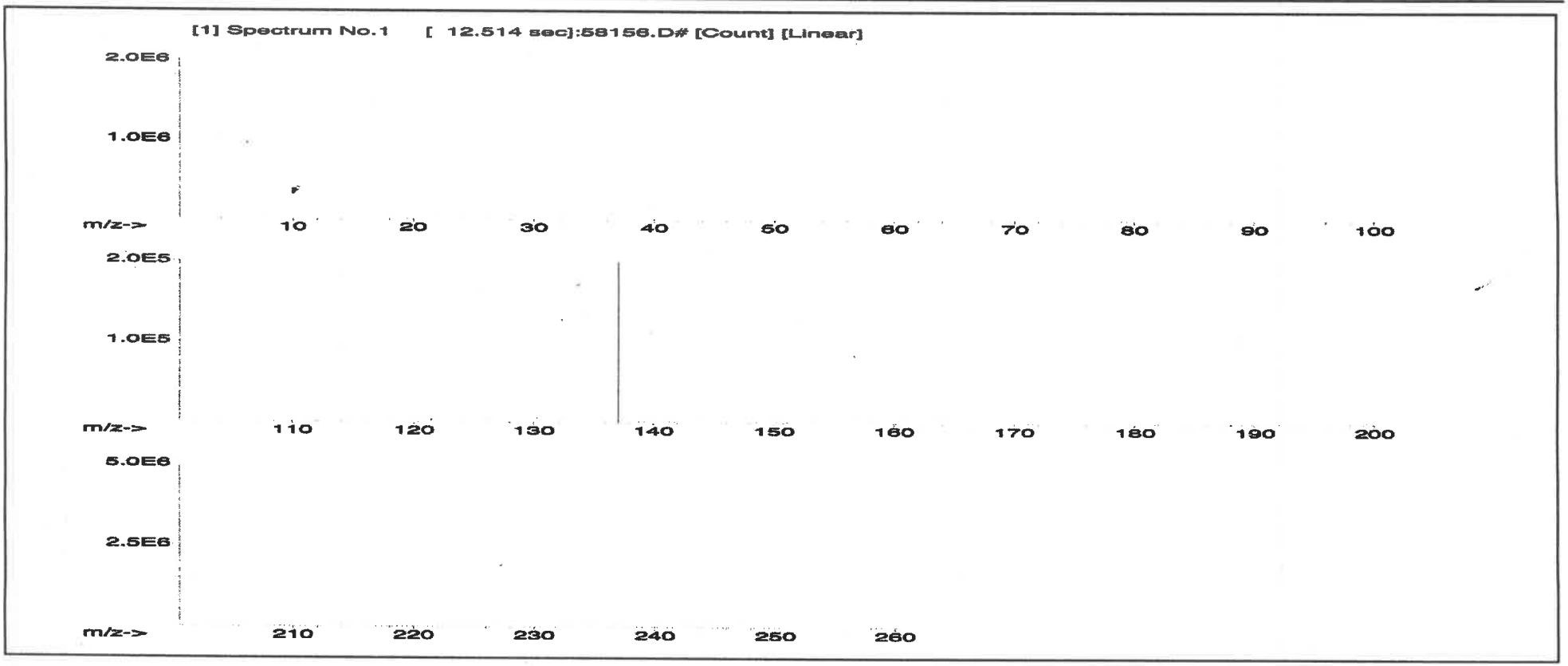
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

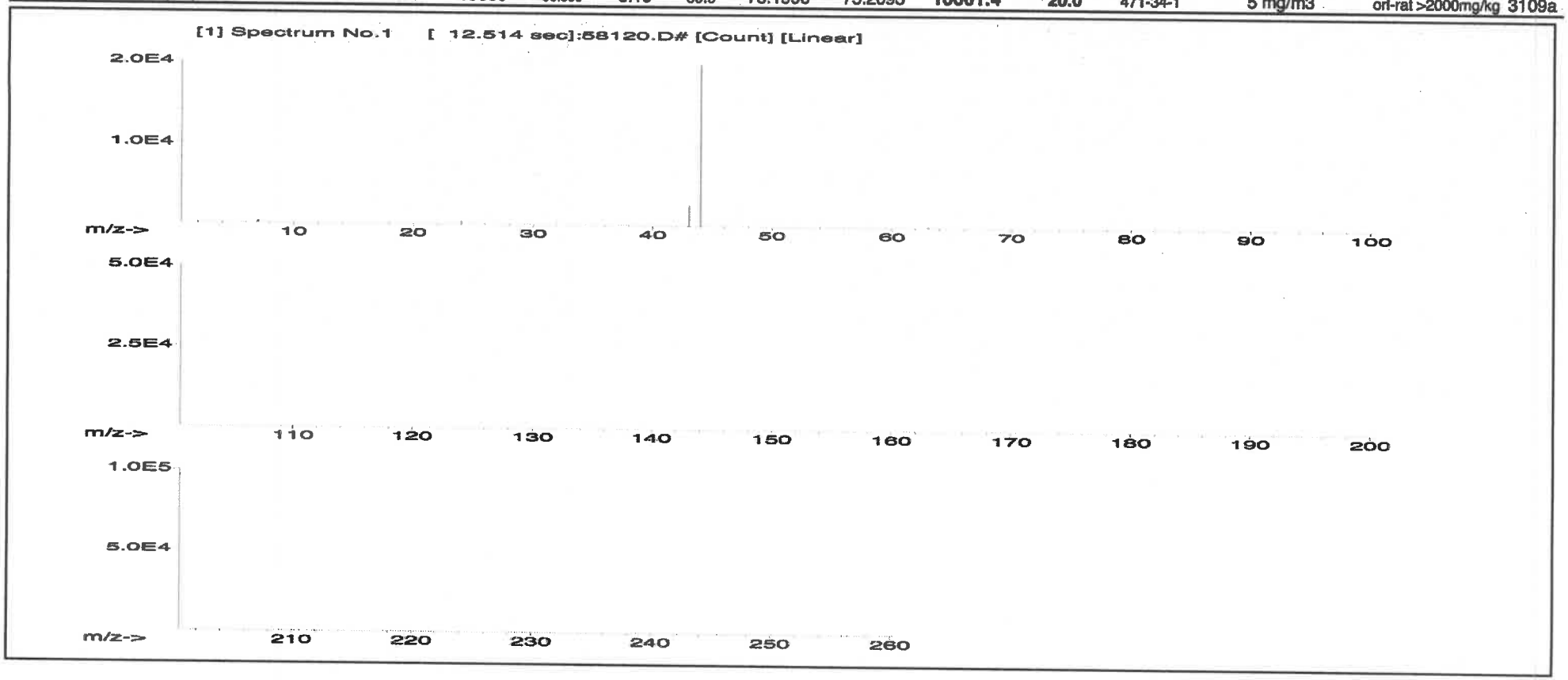
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23 BE

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

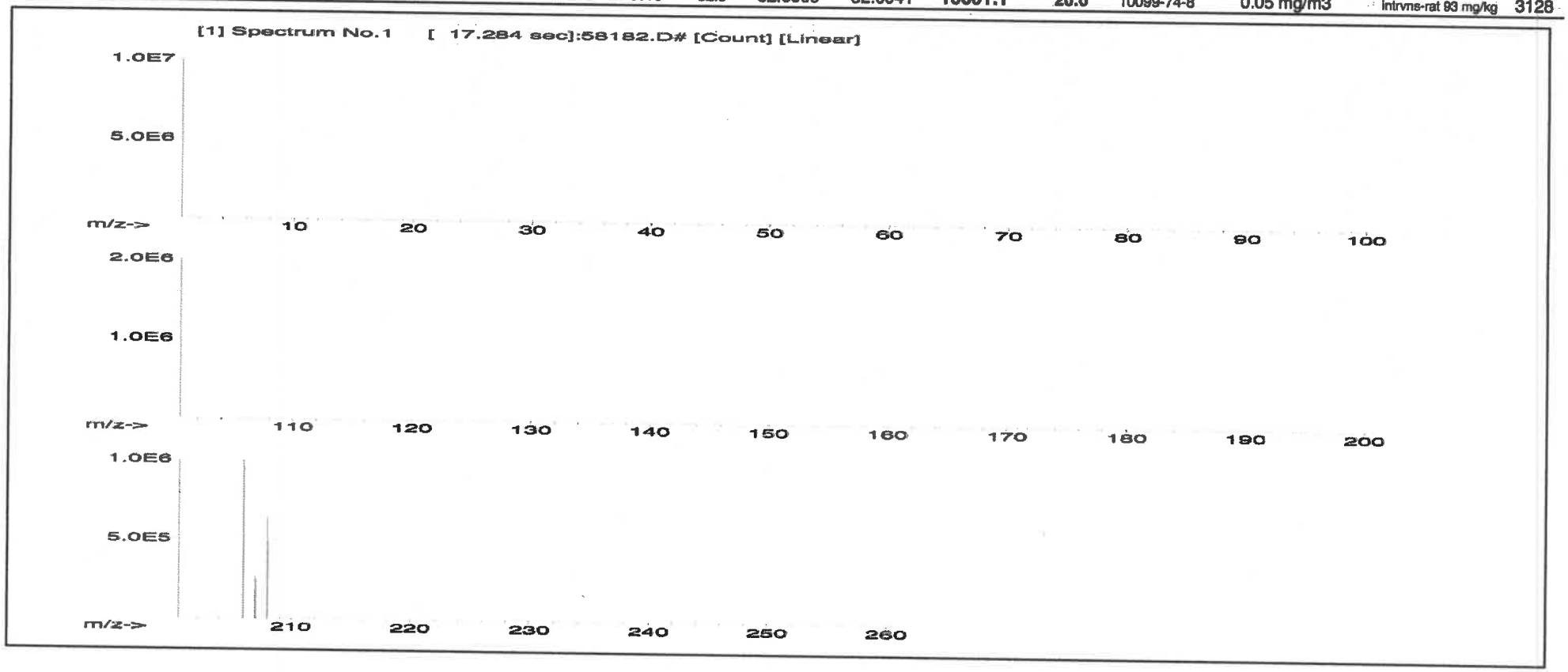
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

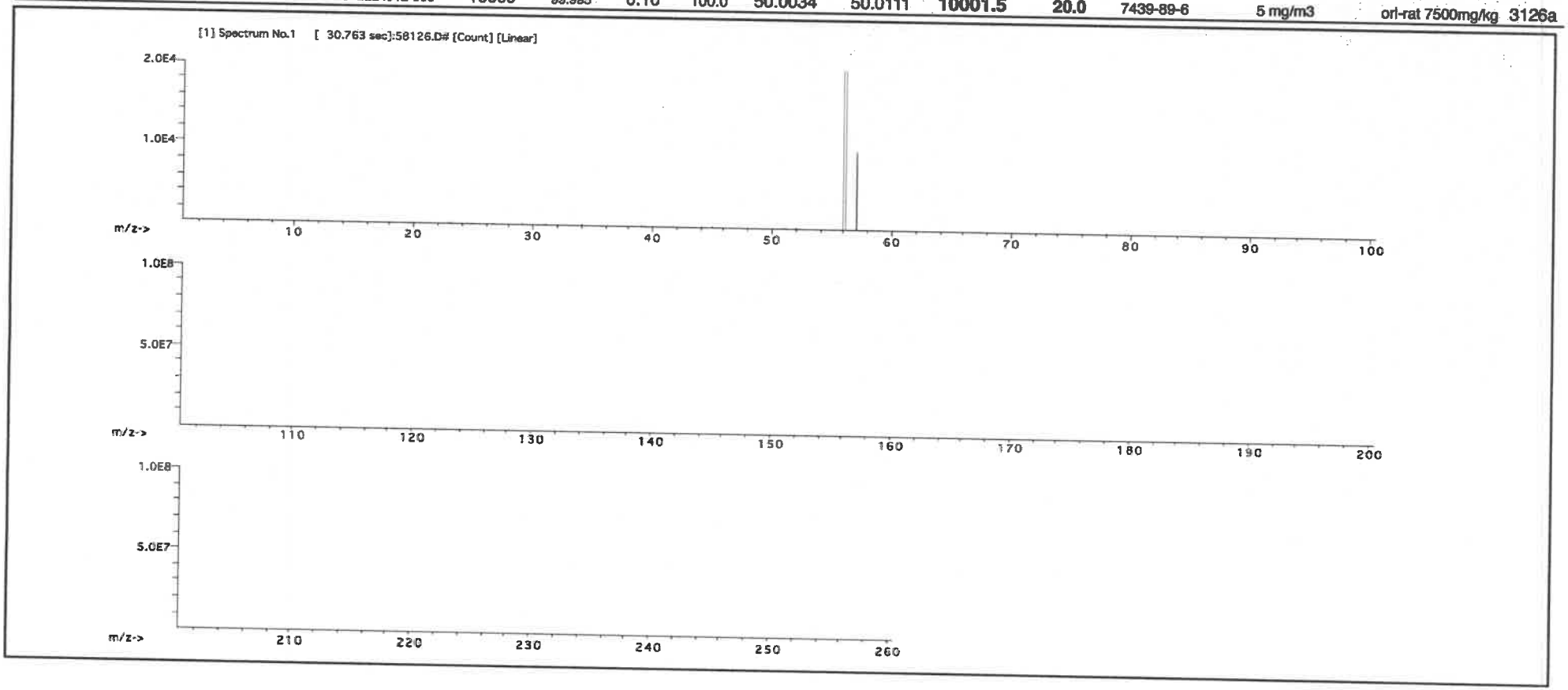
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* 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

M519. M520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

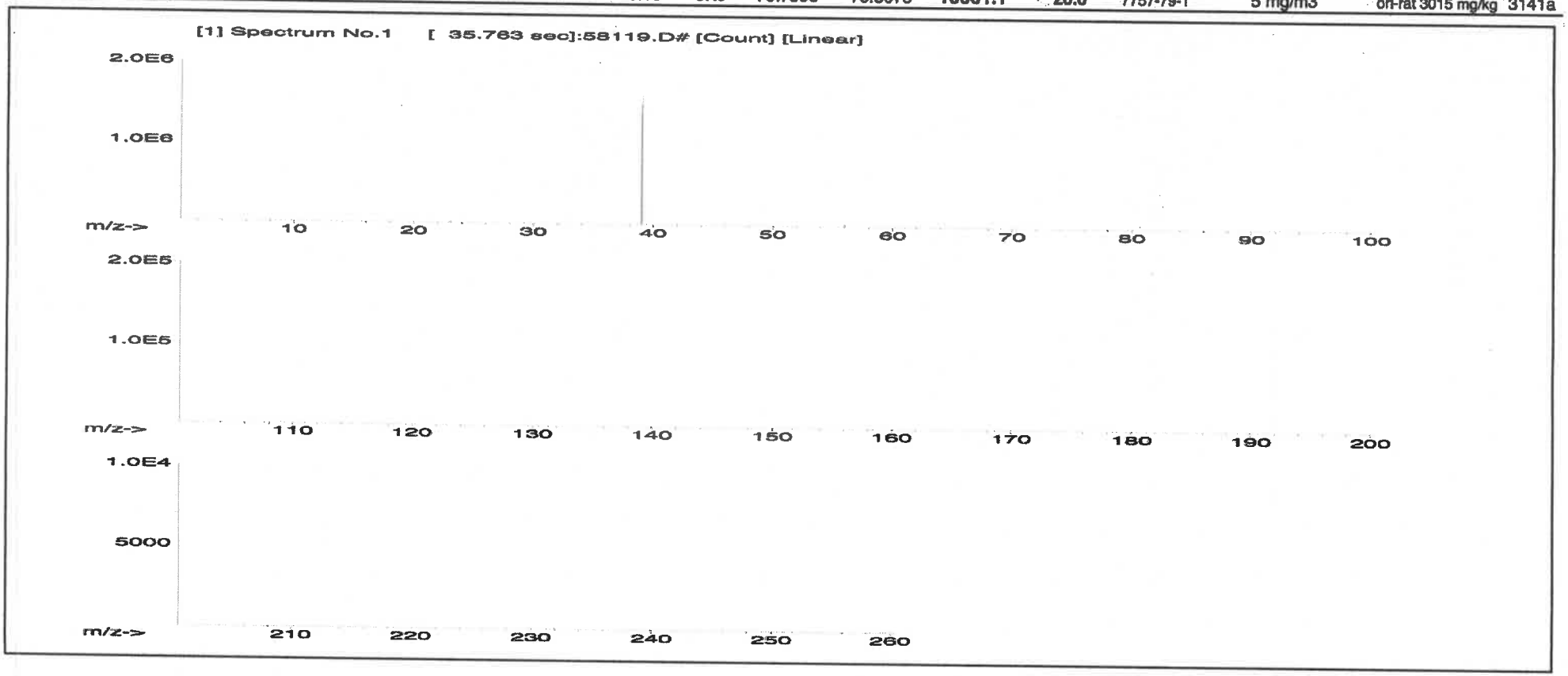
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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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).

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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Certificate of Analysis

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M5657 A: 8/29/22

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	**99.9 ± 0.8 µg/mL**	**Arsenic, As**	**40.00 ± 0.25 µg/mL**
Cadmium, Cd	**49.96 ± 0.22 µg/mL**	**Lead, Pb**	**19.99 ± 0.10 µg/mL**
Selenium, Se	**10.00 ± 0.06 µg/mL**	**Thallium, Tl**	**49.96 ± 0.32 µg/mL**

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

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$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

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

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u_{ts} = transport stability standard uncertainty

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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.

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- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

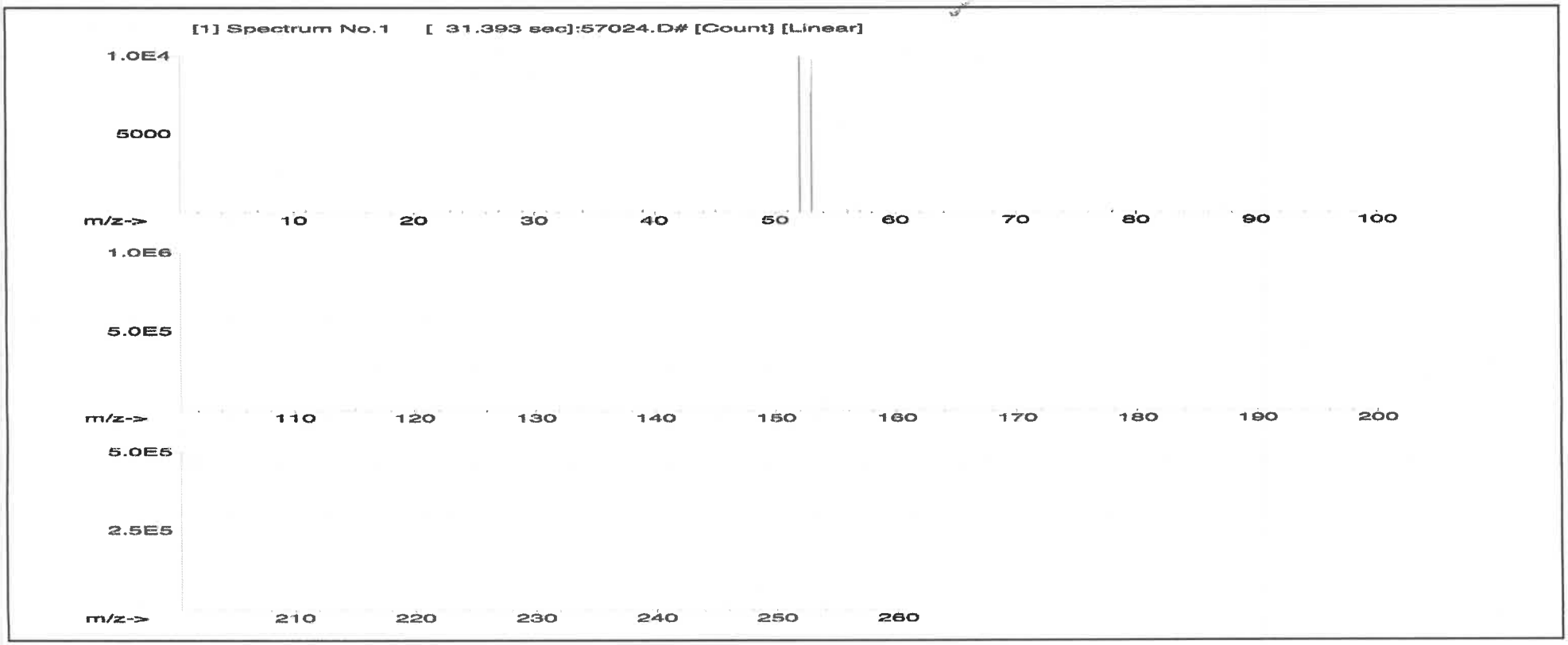
ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT:

		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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Certified Reference Material CRM

M5697 R: 10/27/23

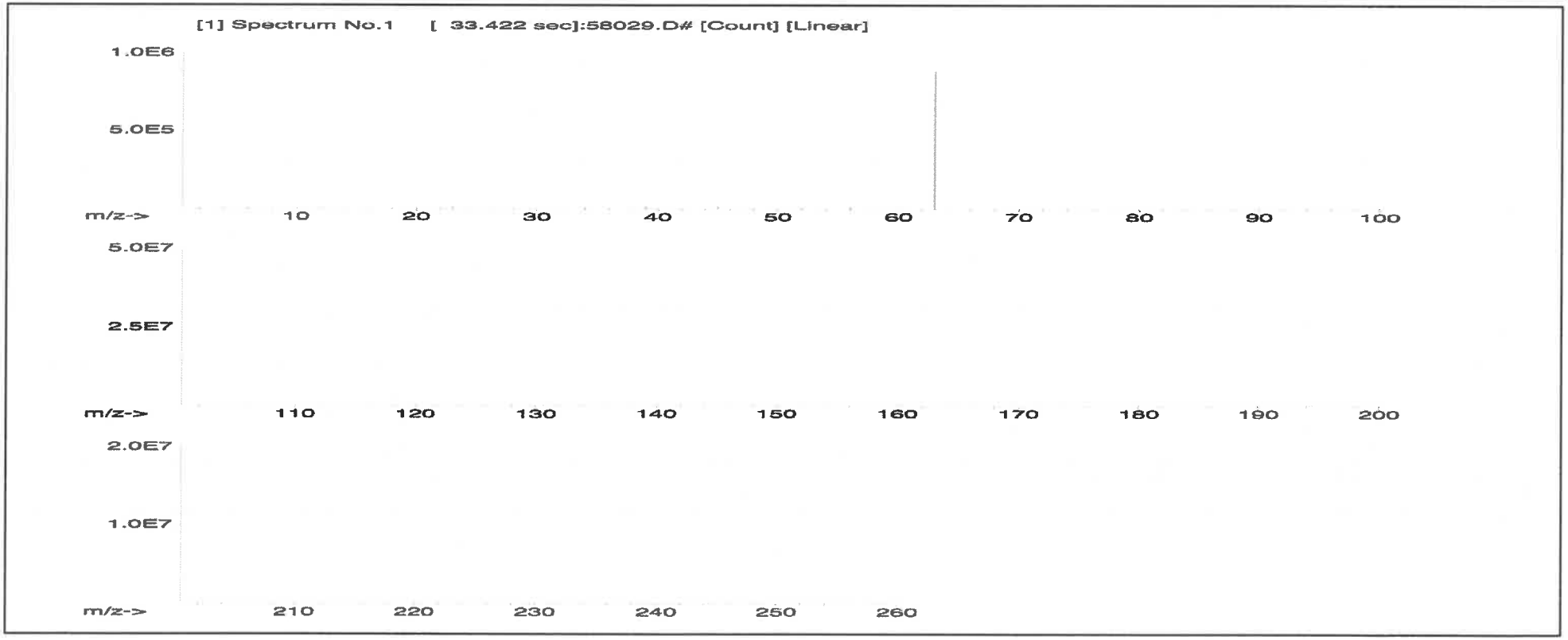
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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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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M5648 R: 10/27/23

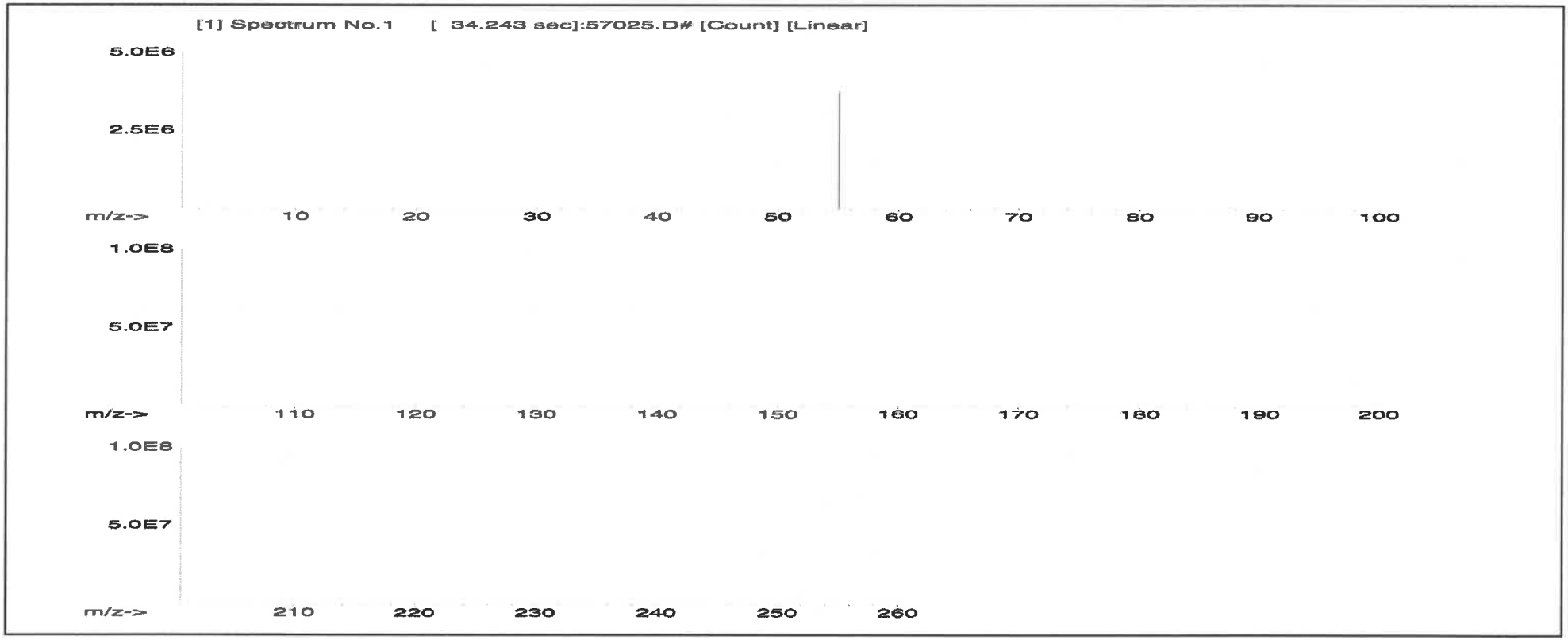
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CERTIFIED WEIGHT REPORT:

		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.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

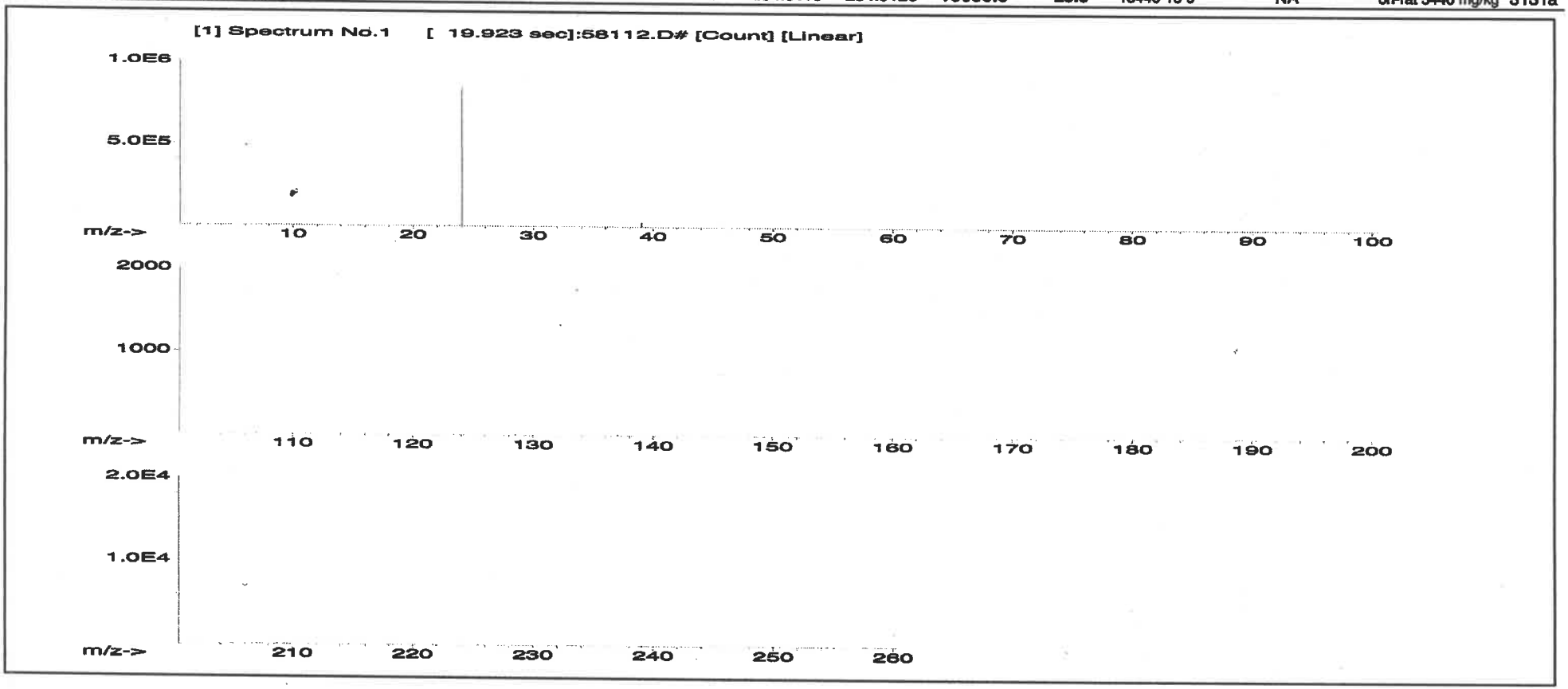
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

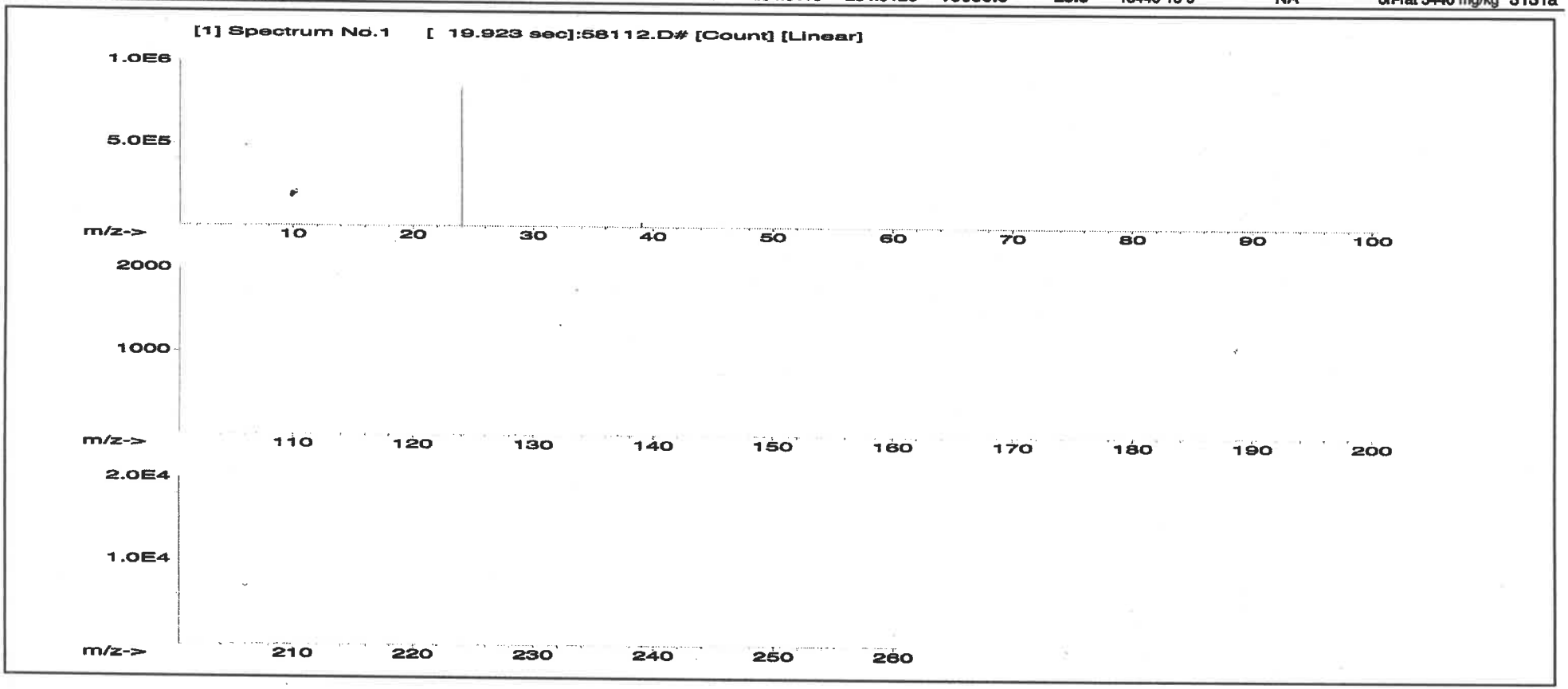
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5798

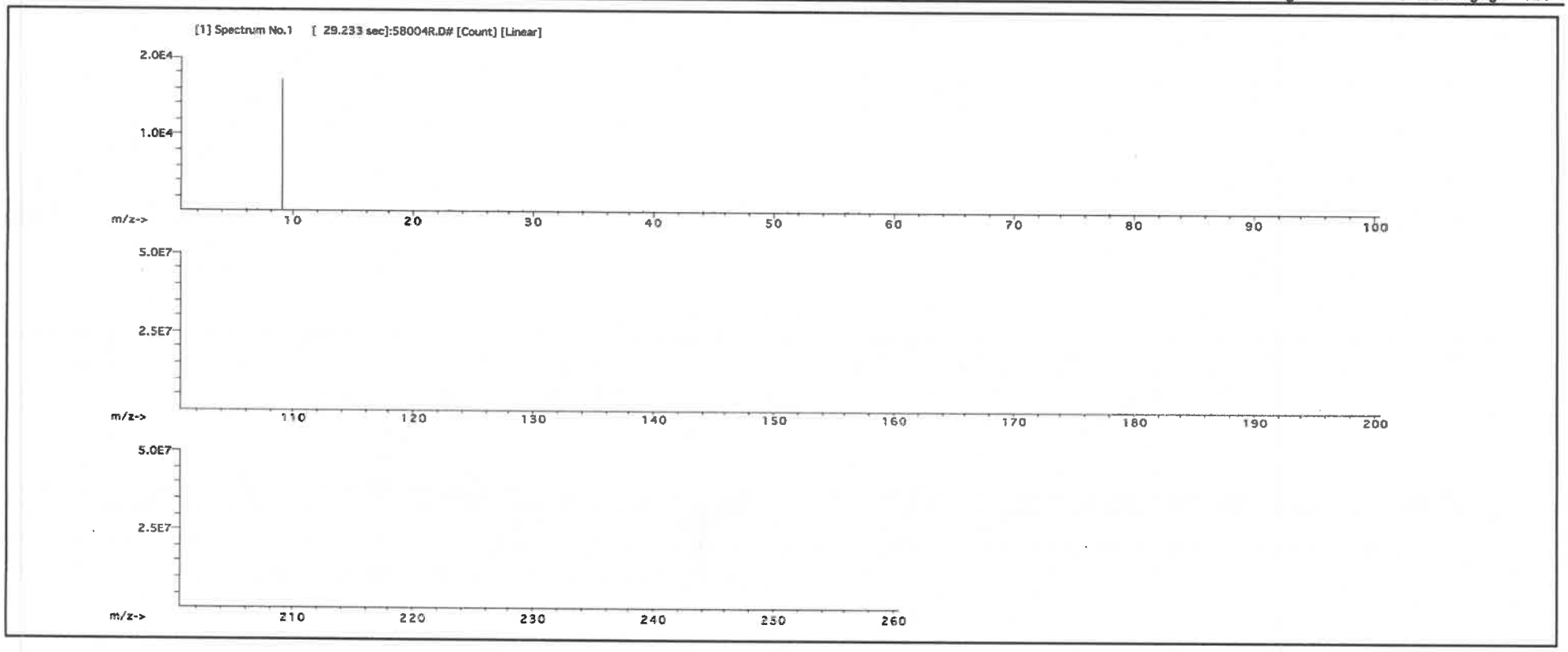
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R? 02/09/24 IV15799

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

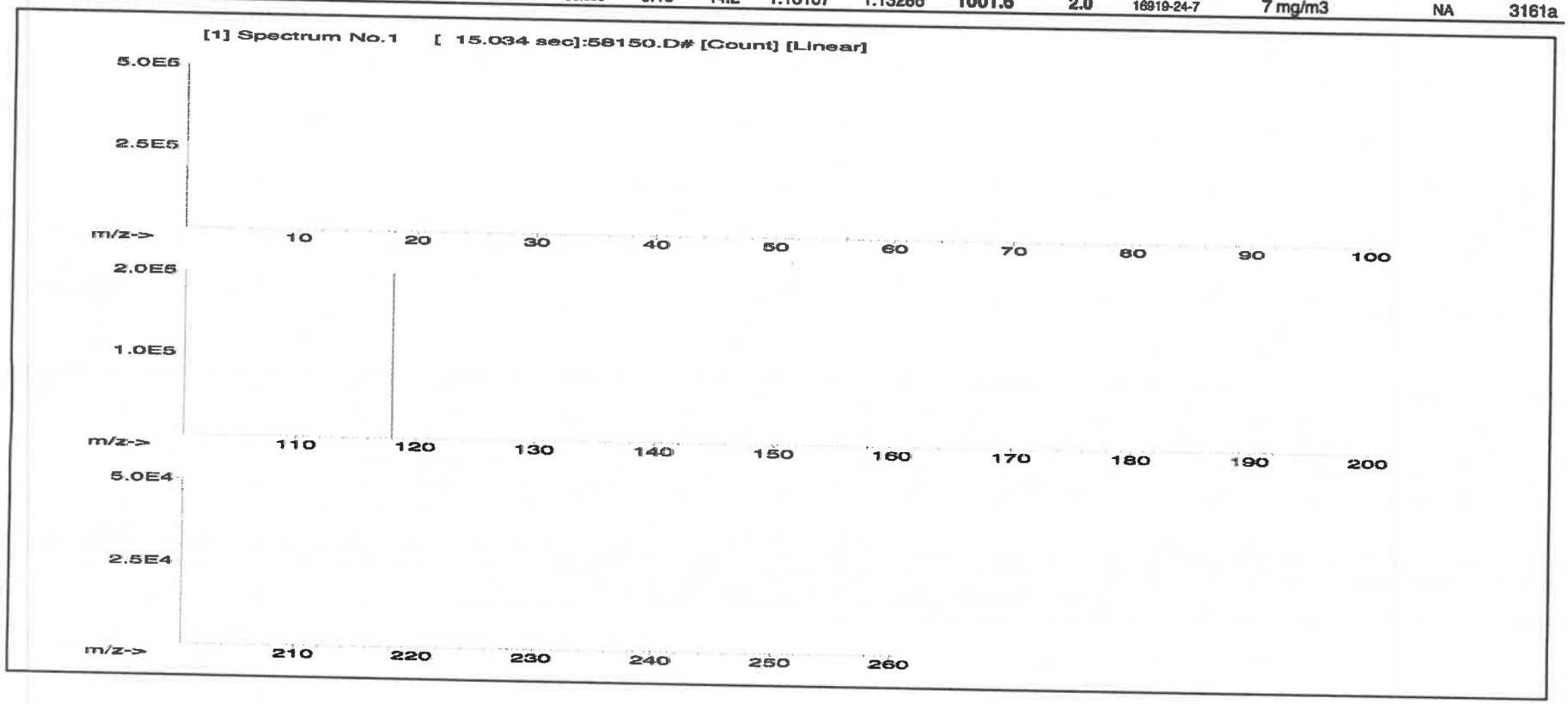
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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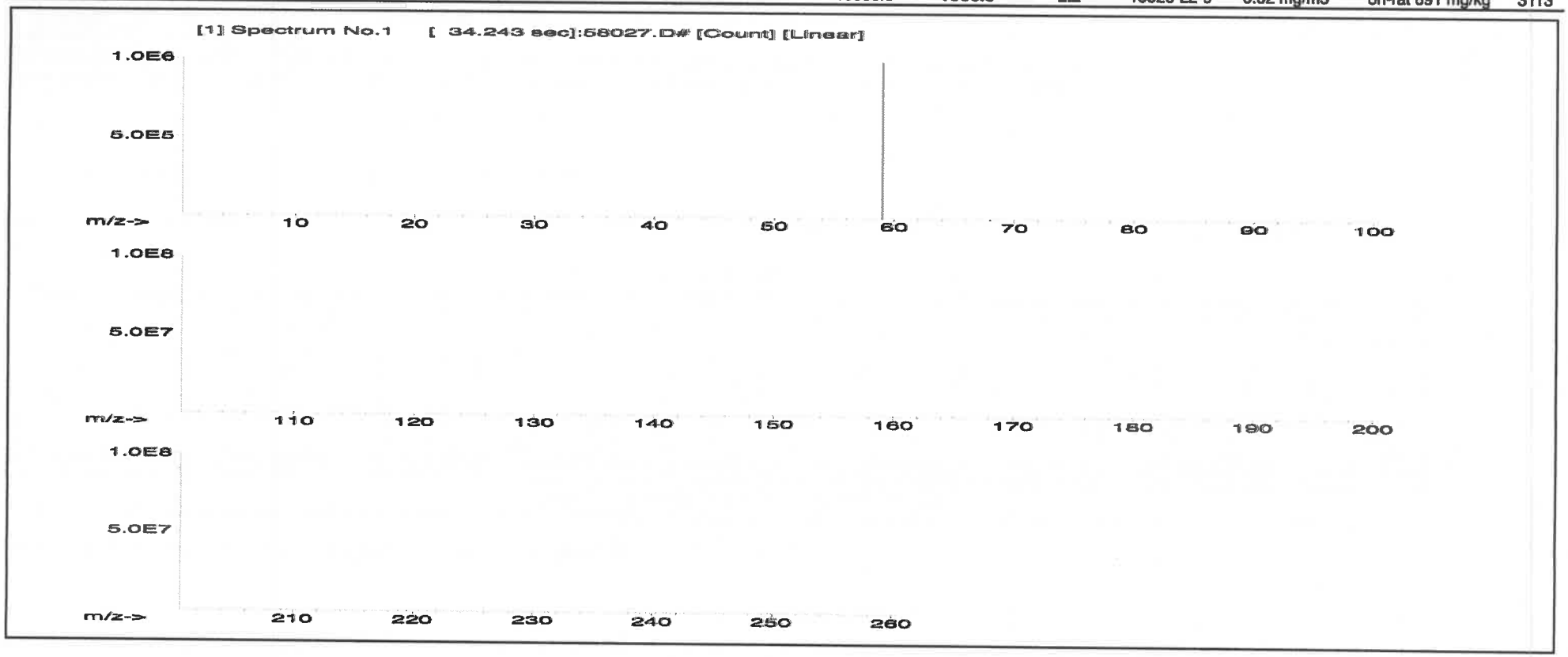
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CERTIFIED WEIGHT REPORT:

		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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 IM5801 BH

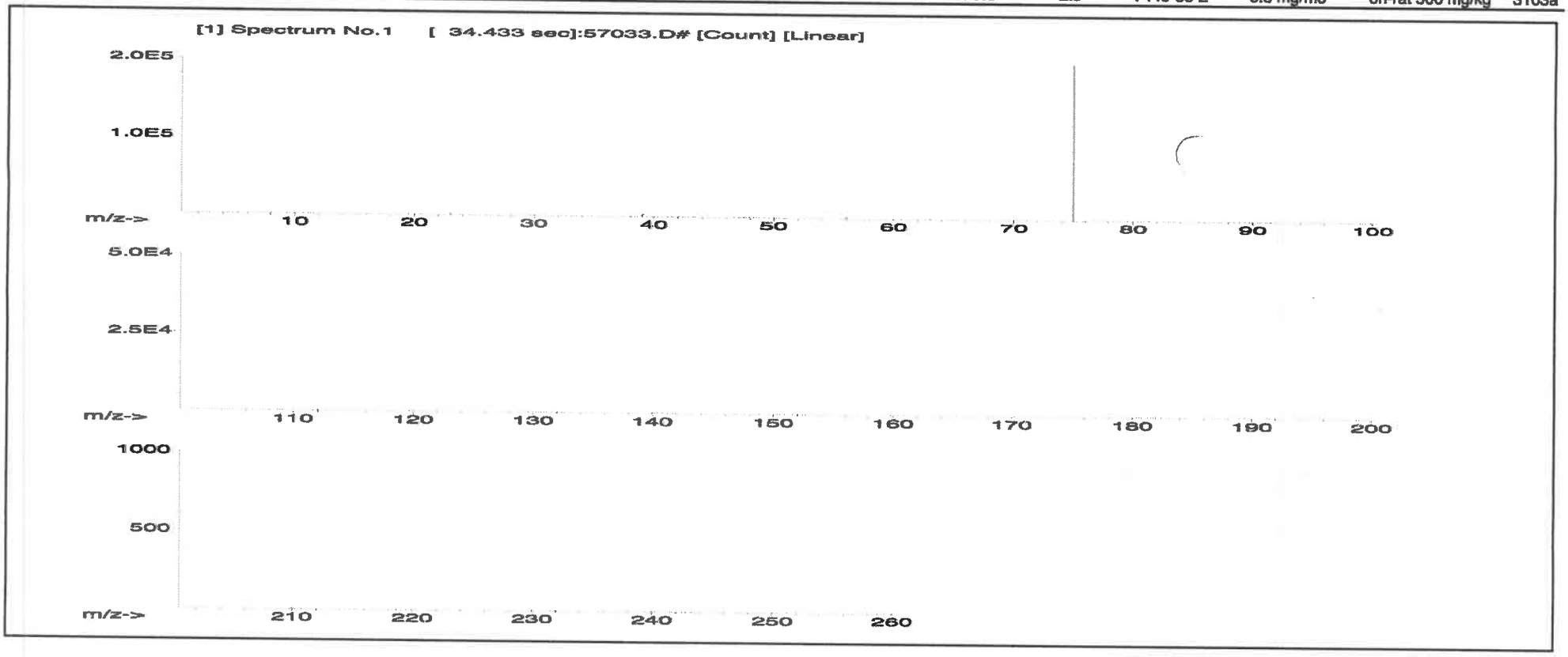
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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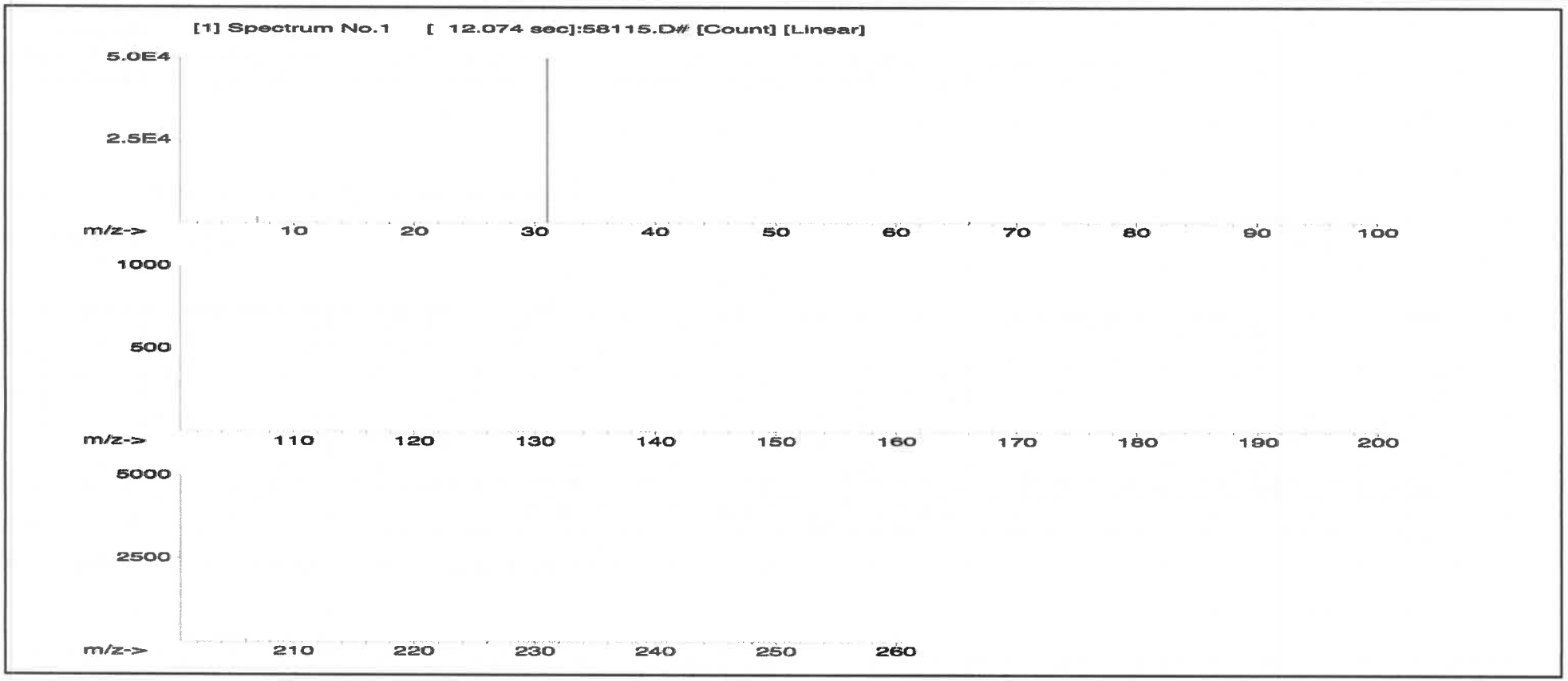
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* 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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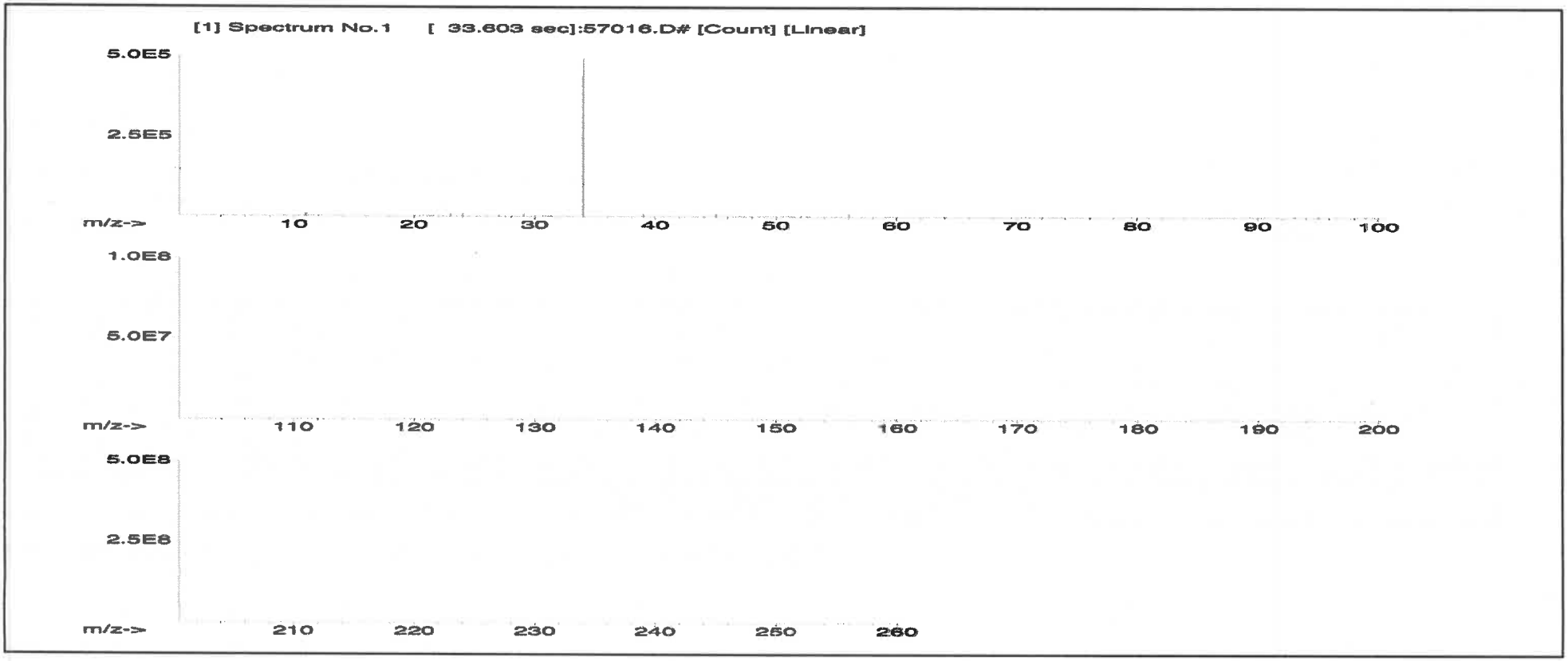
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CERTIFIED WEIGHT REPORT:

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.
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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:

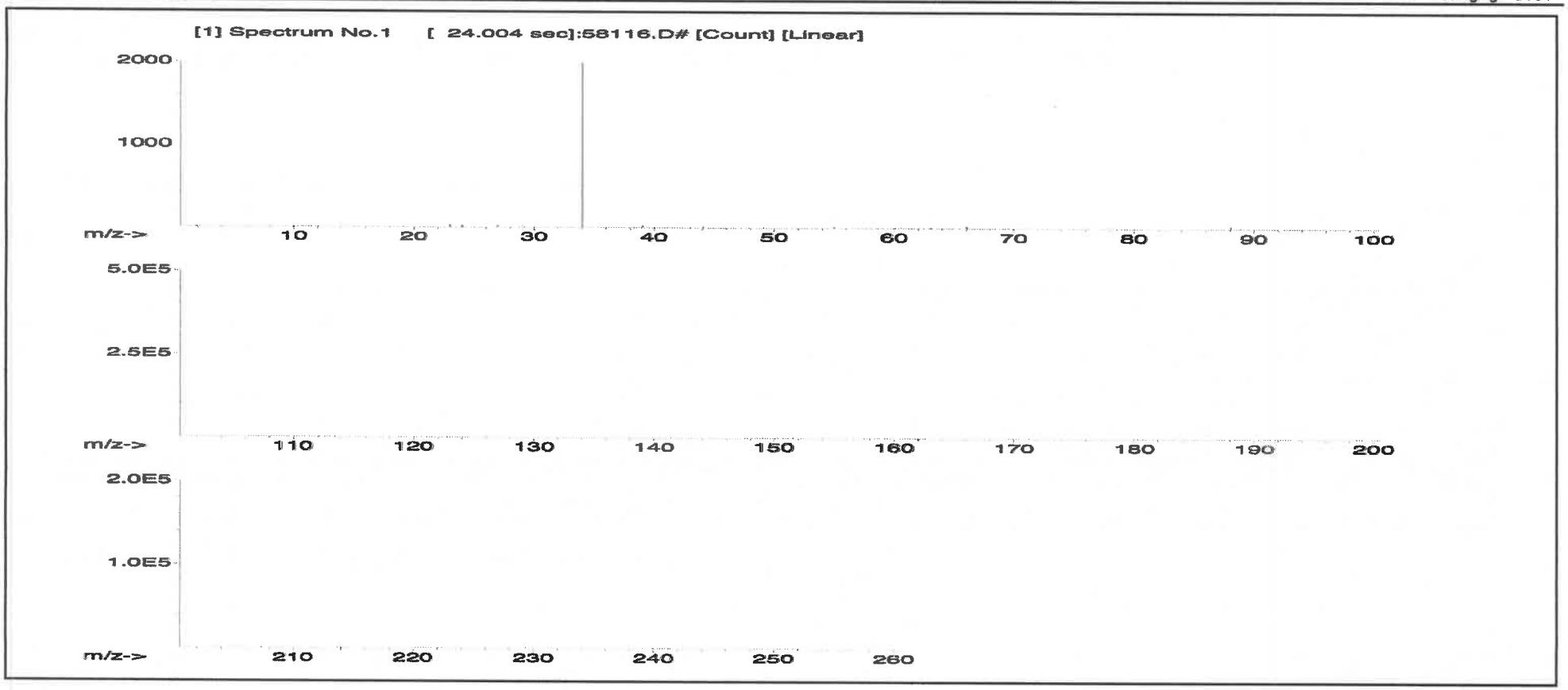
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

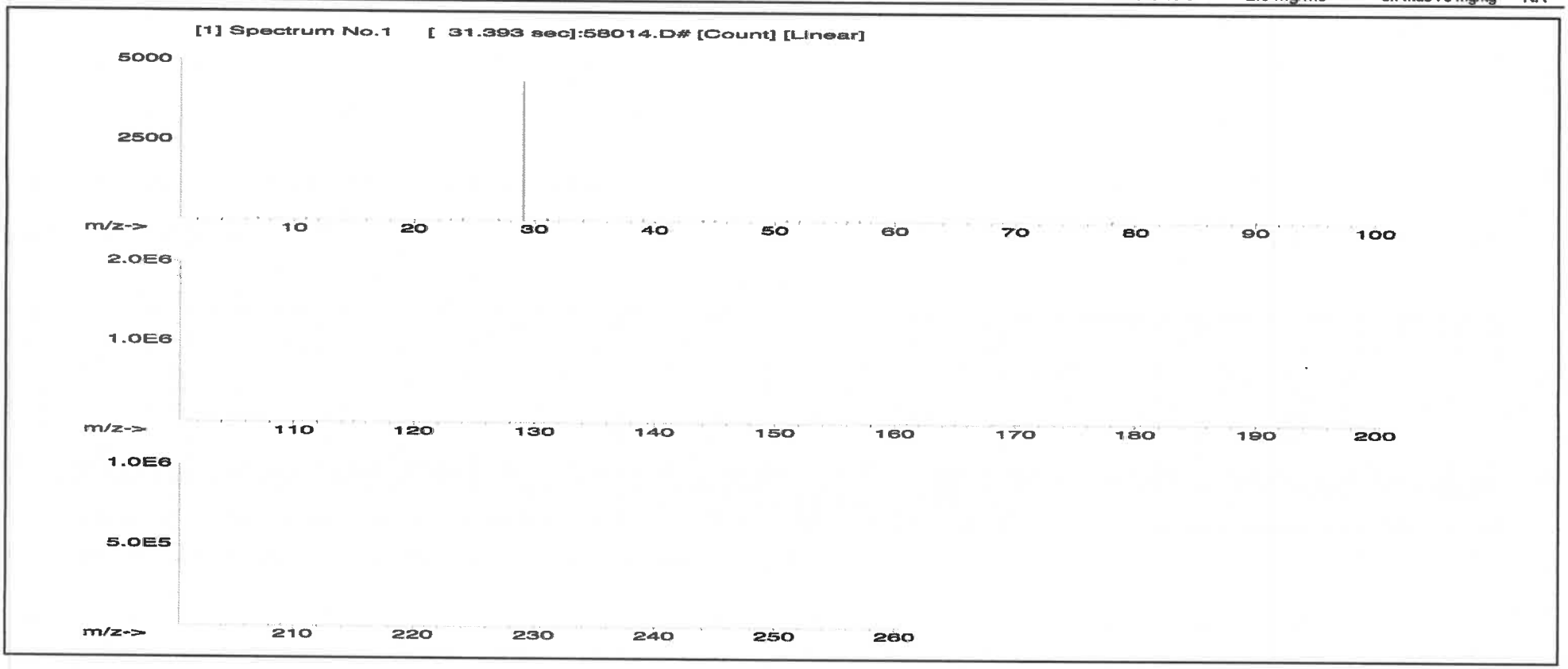
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

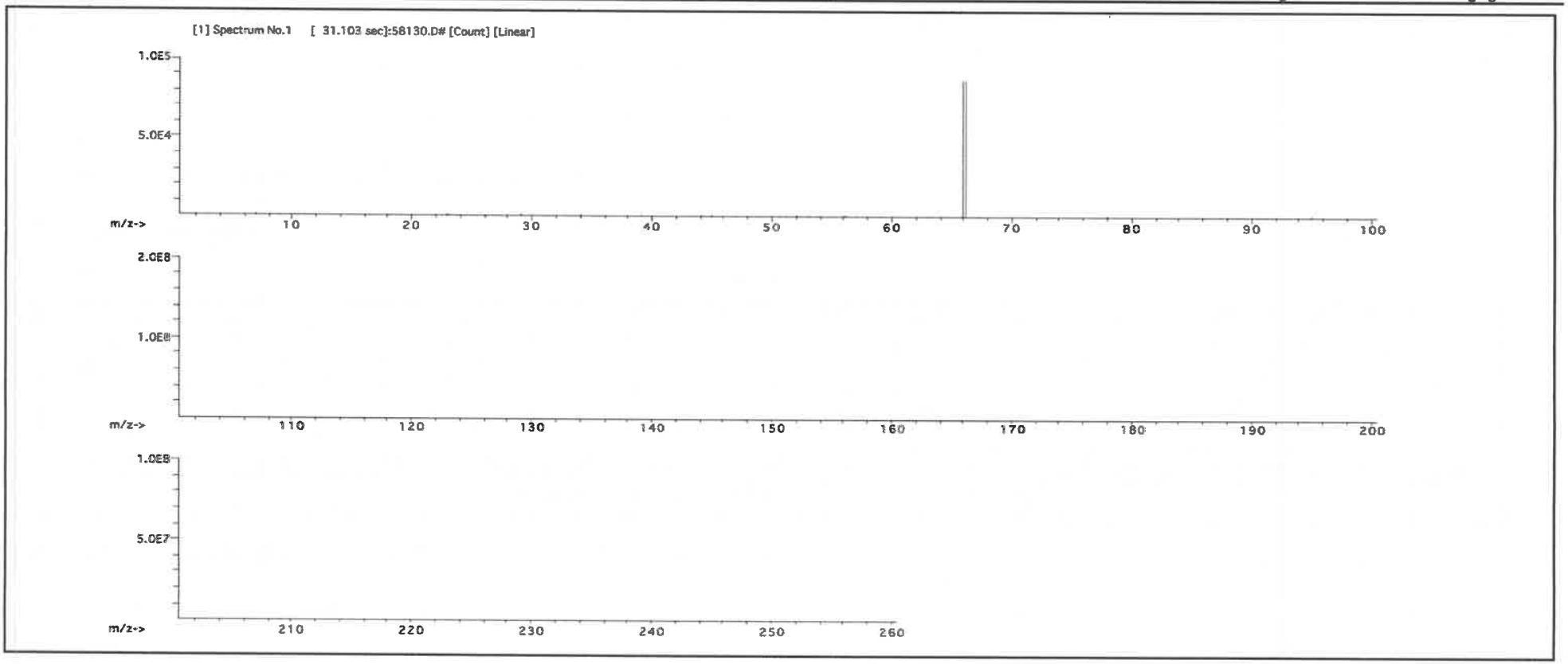
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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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

R: 02/09/24 M5820

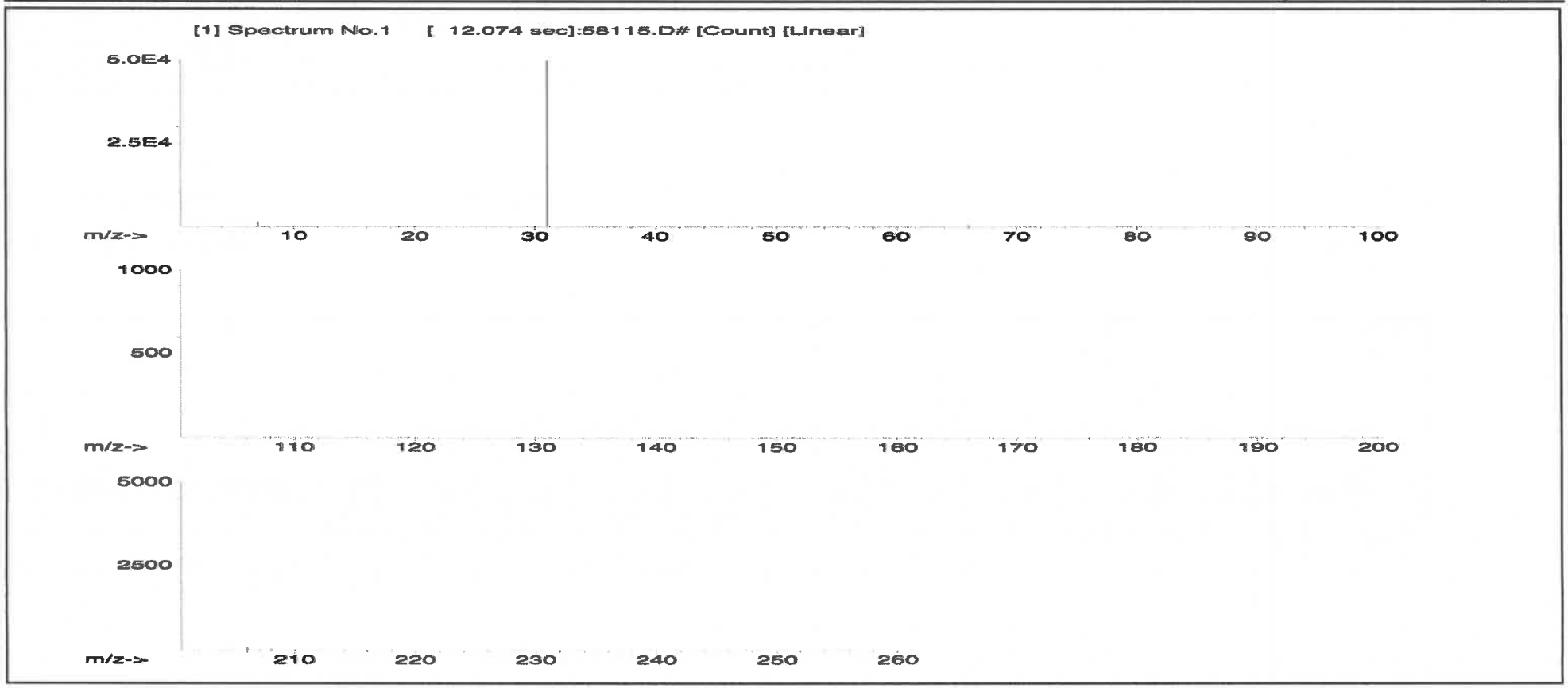
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CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5961 R: 6/11/24

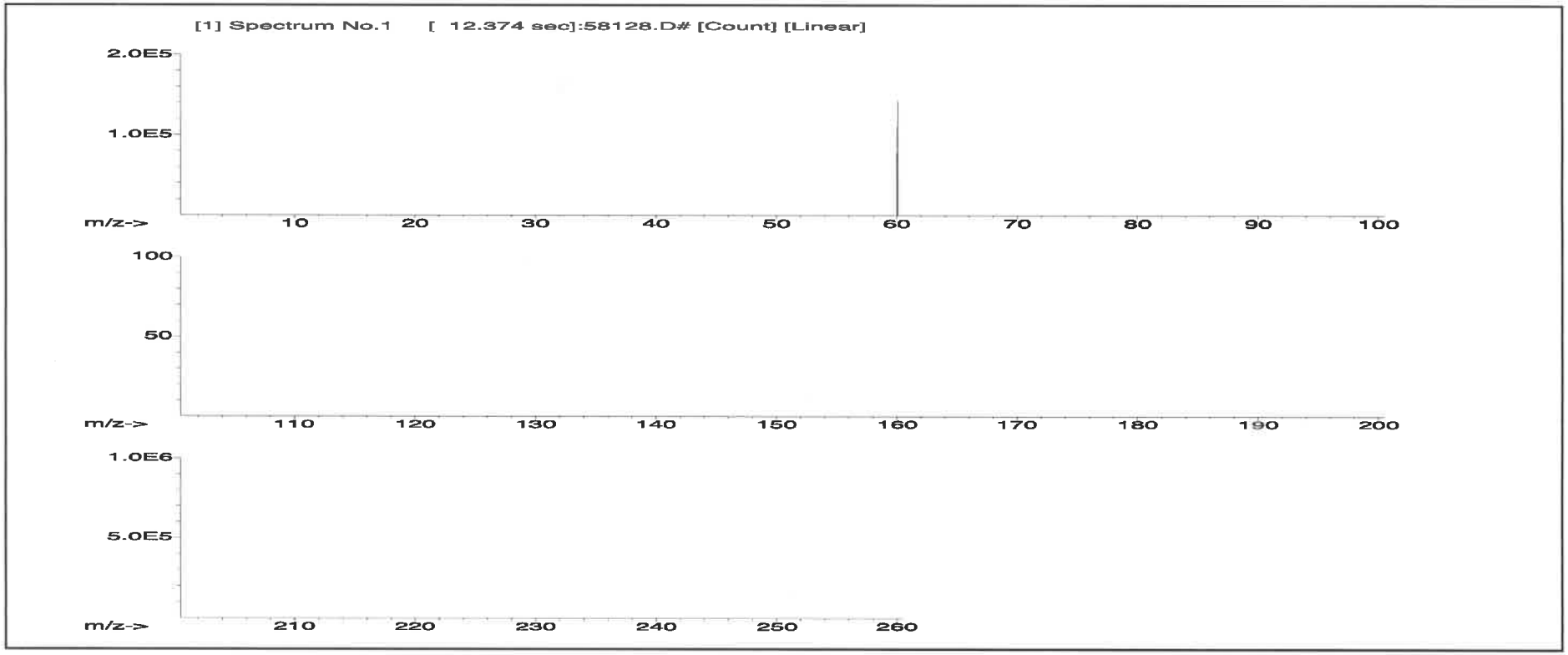
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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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Certified Reference Material CRM

M5962 R! 06/14/24.

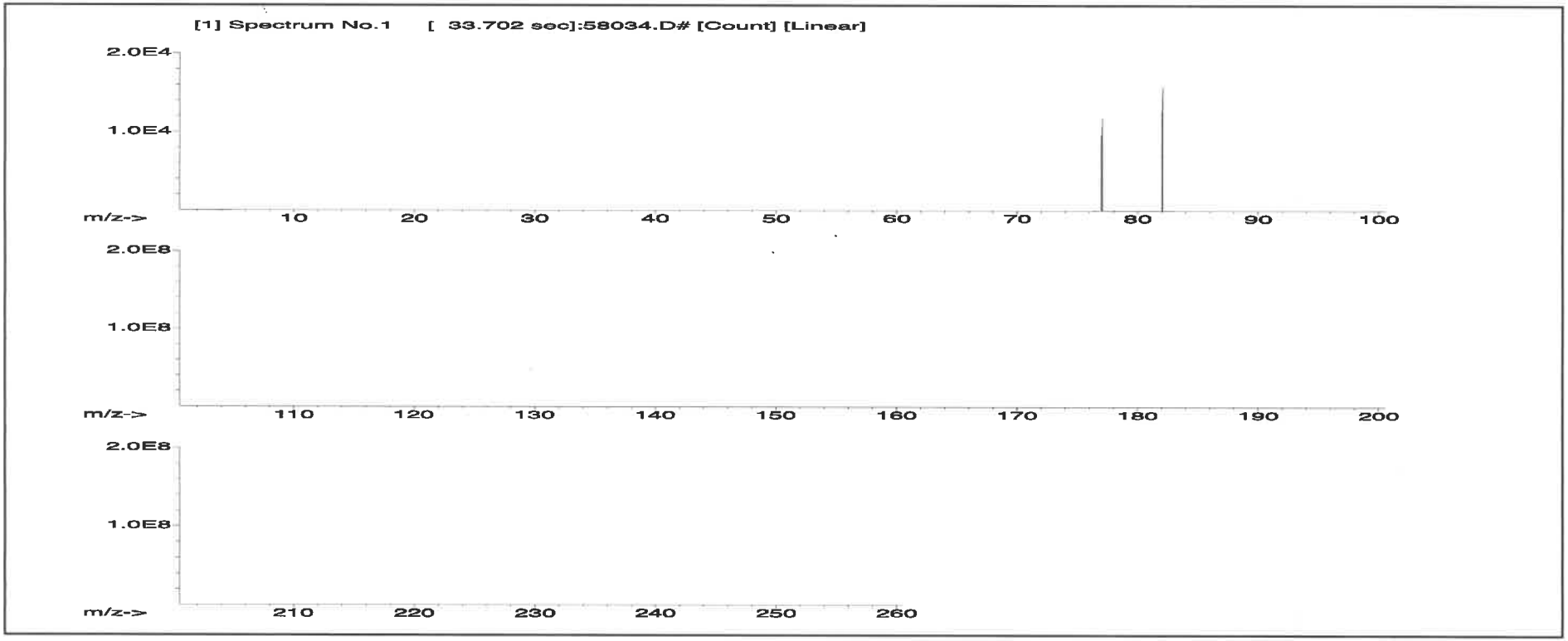
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

M5976, M5977
R: 02/22/24

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

INORGANIC VENTURES
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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

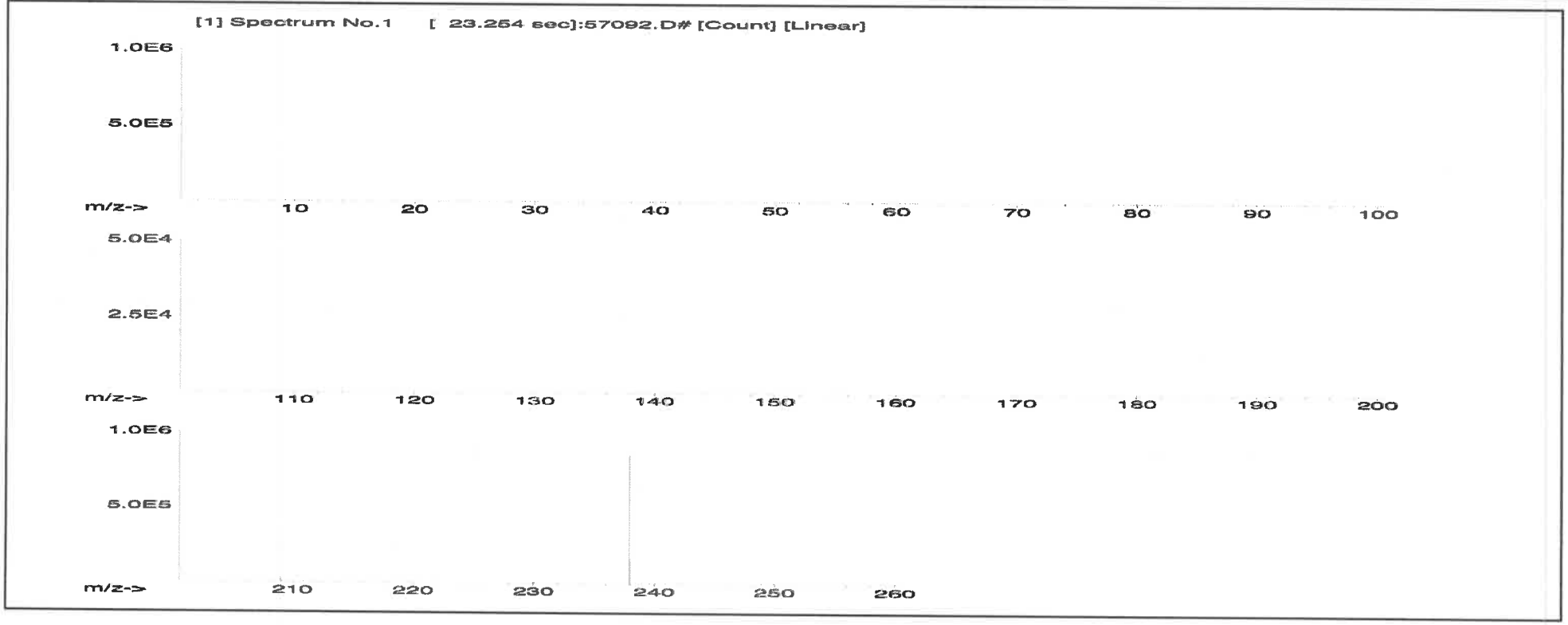
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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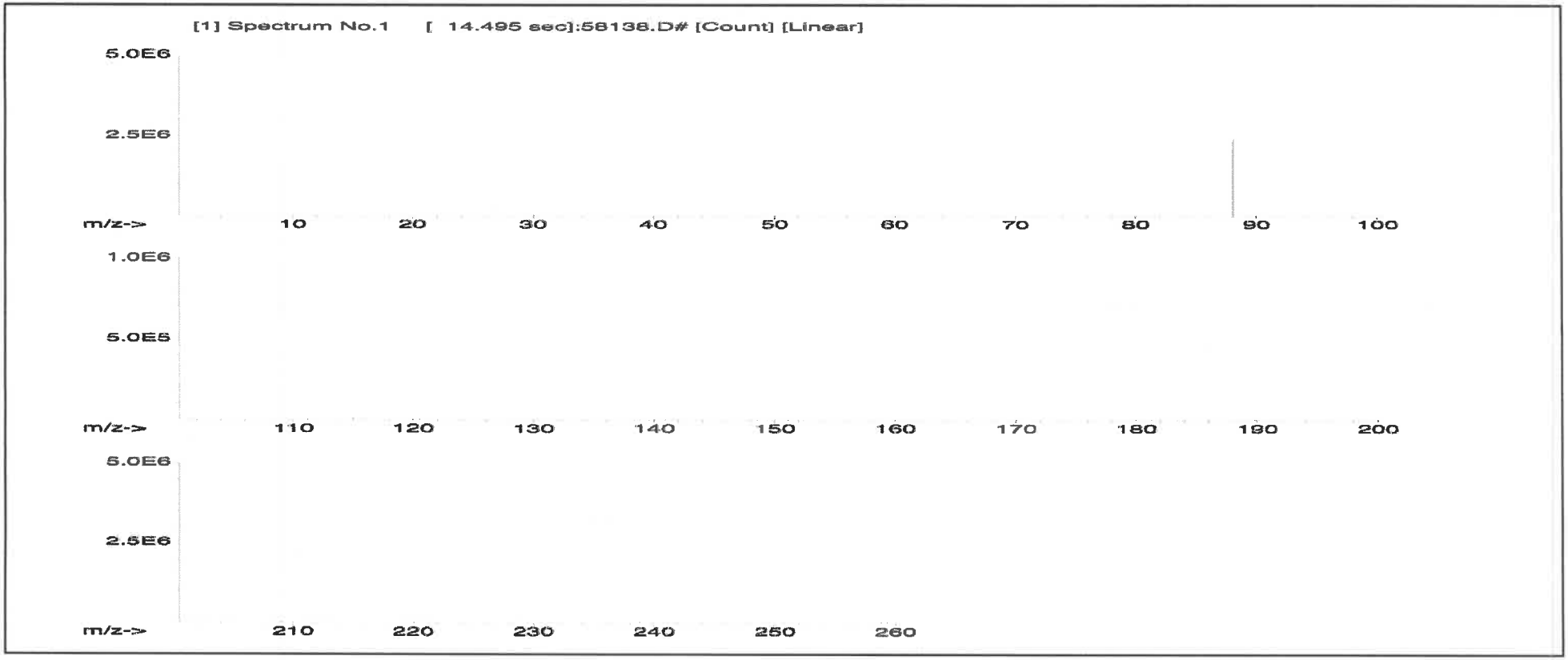
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

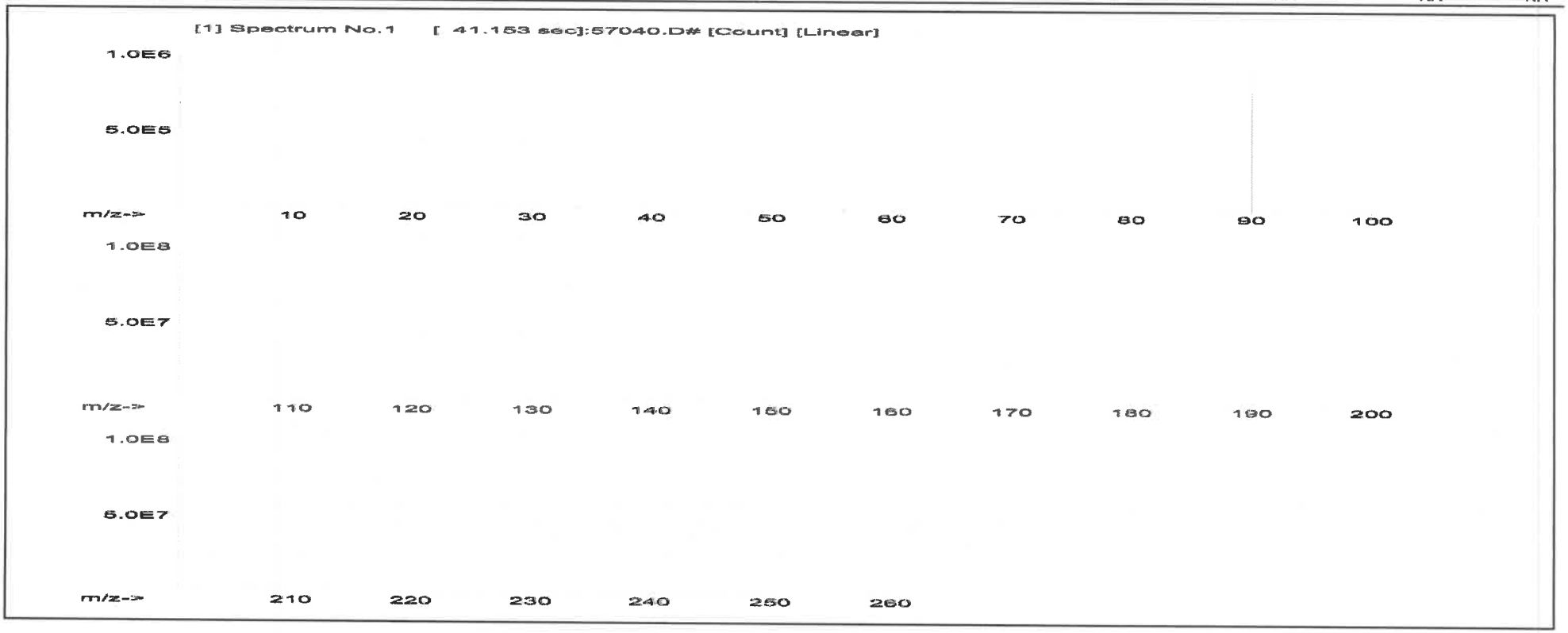
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

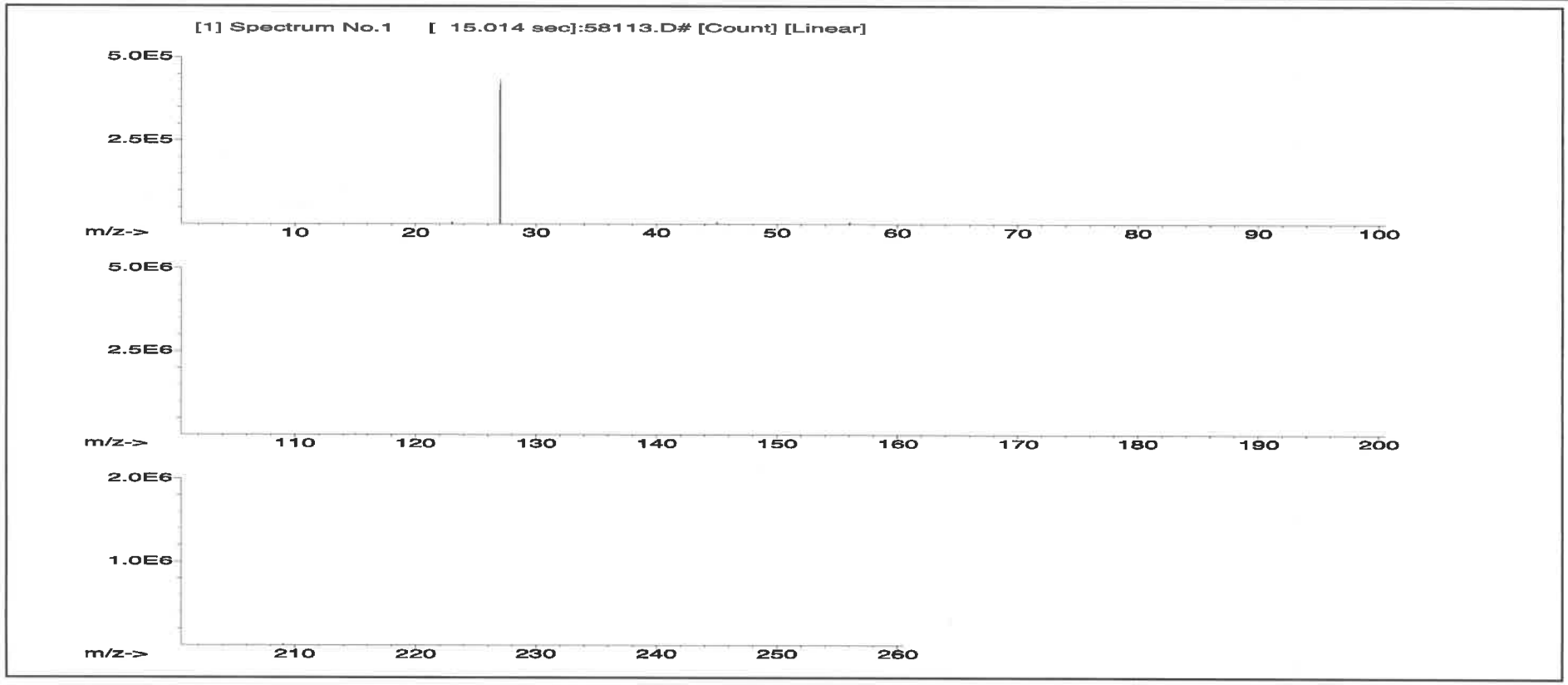
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

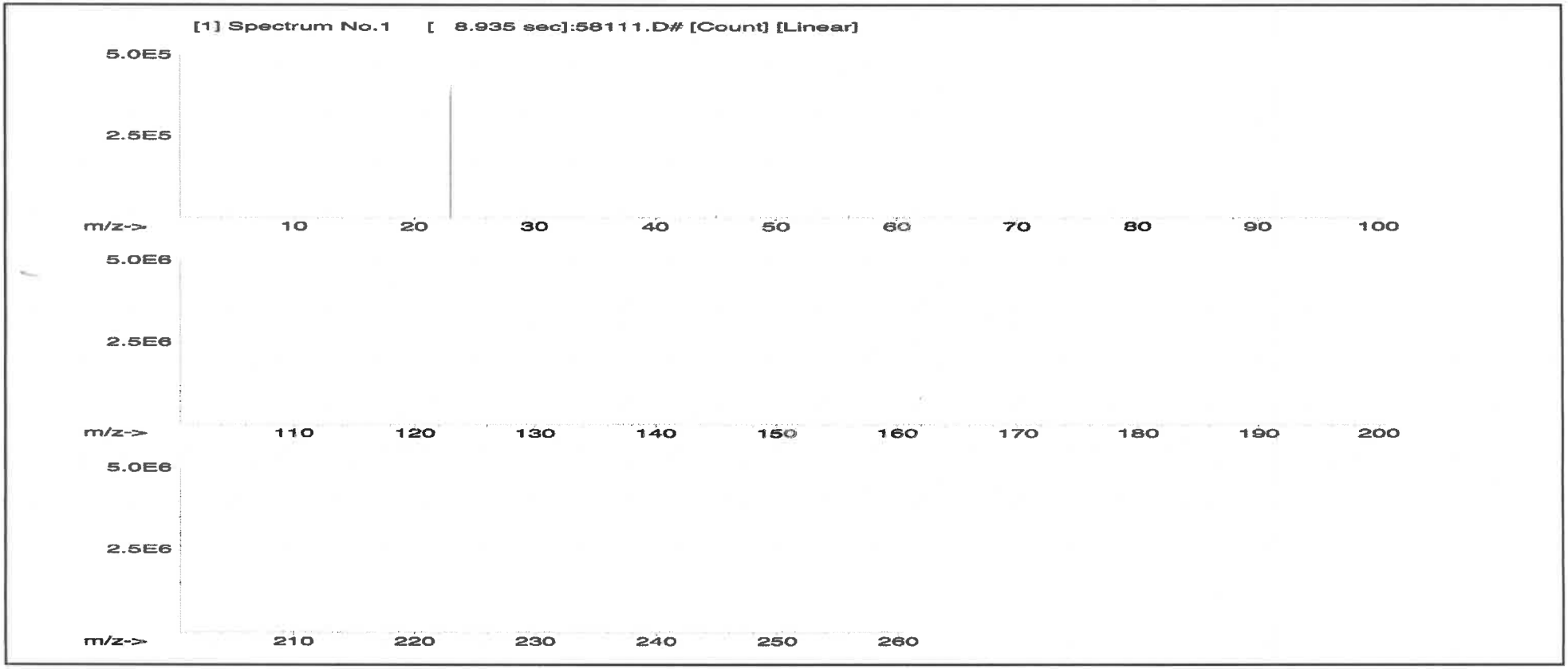
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

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2700 Chandler Avenue - Building C
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(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

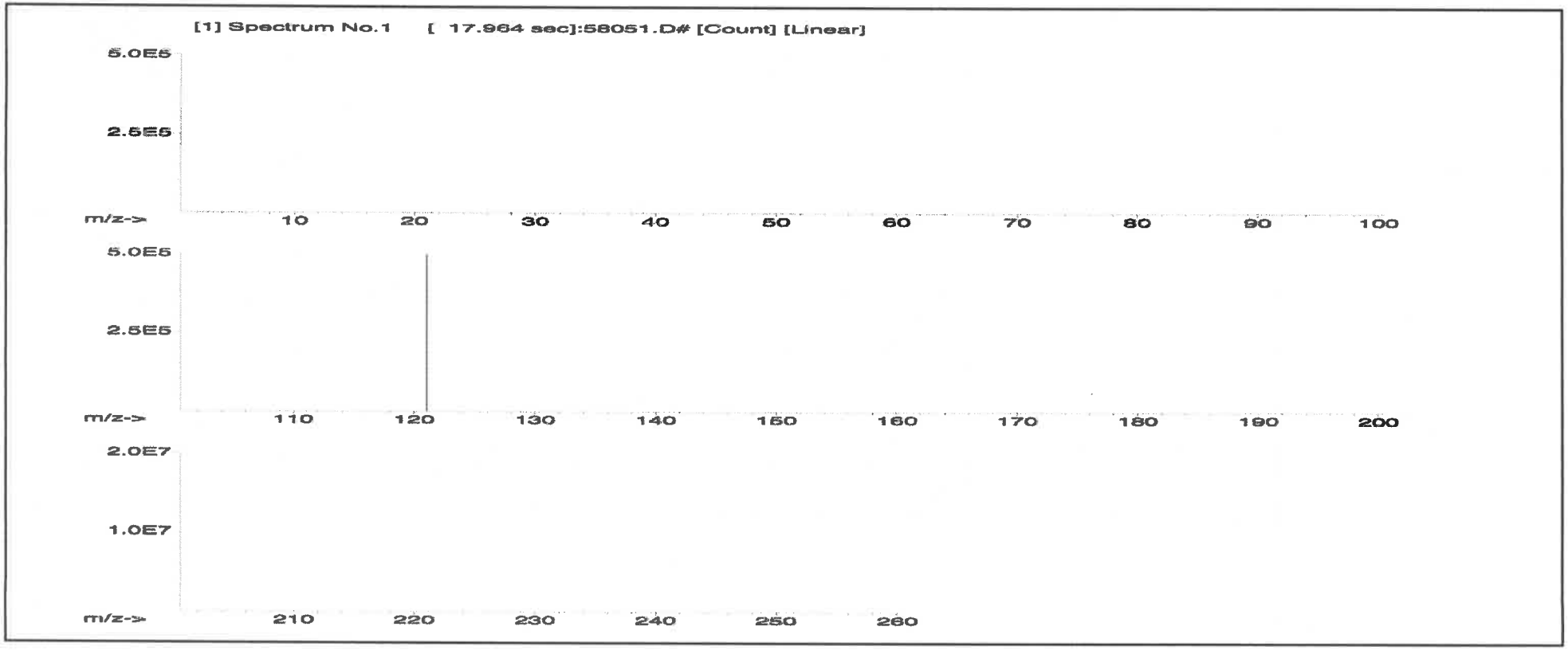
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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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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M6030

R: 8/5/24

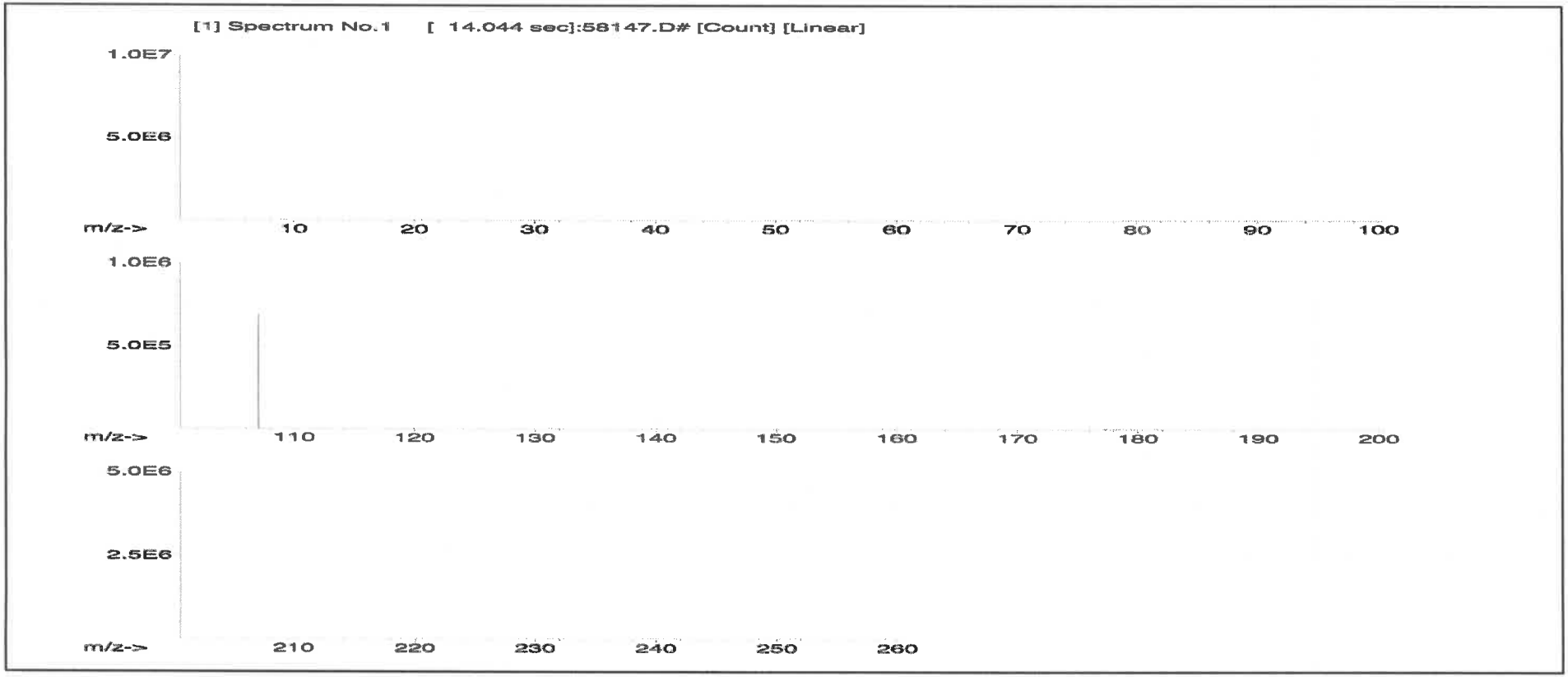
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CERTIFIED WEIGHT REPORT:

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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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

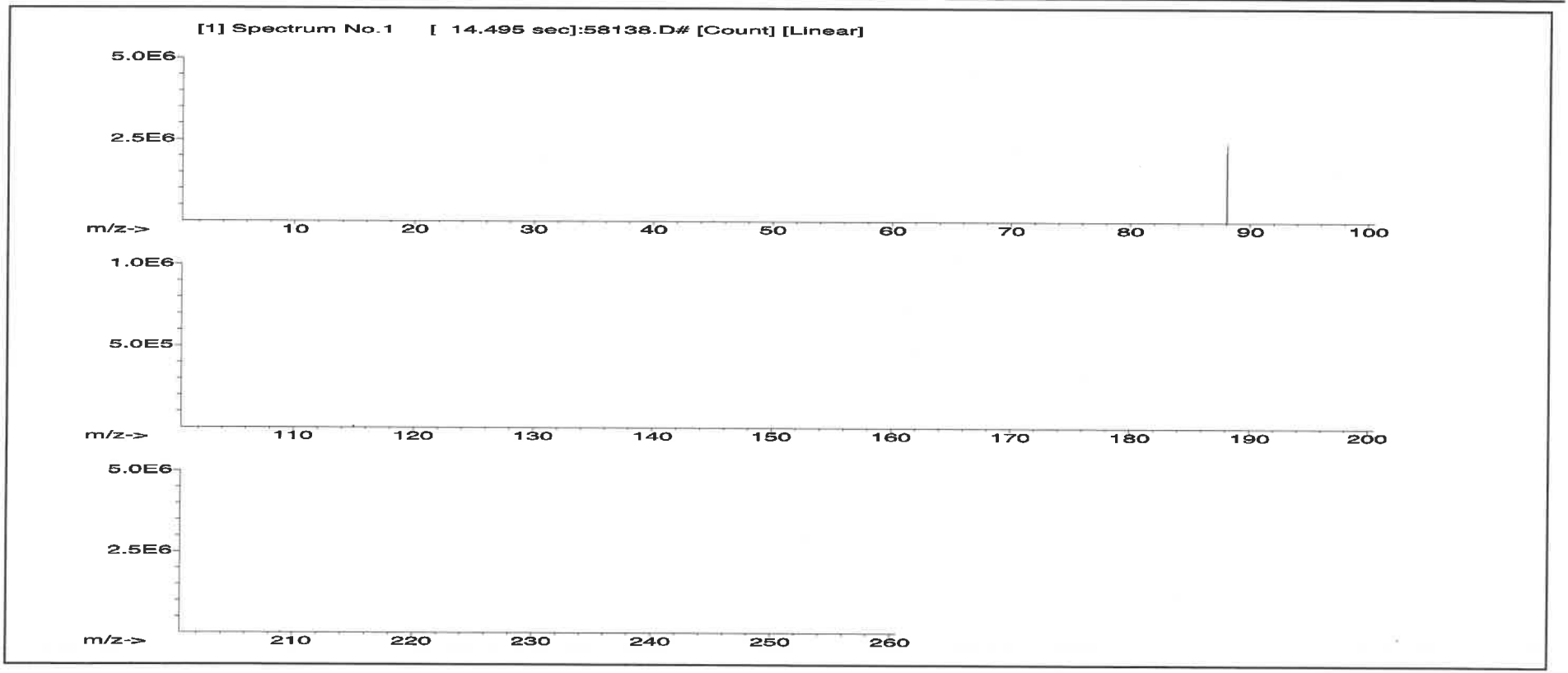
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

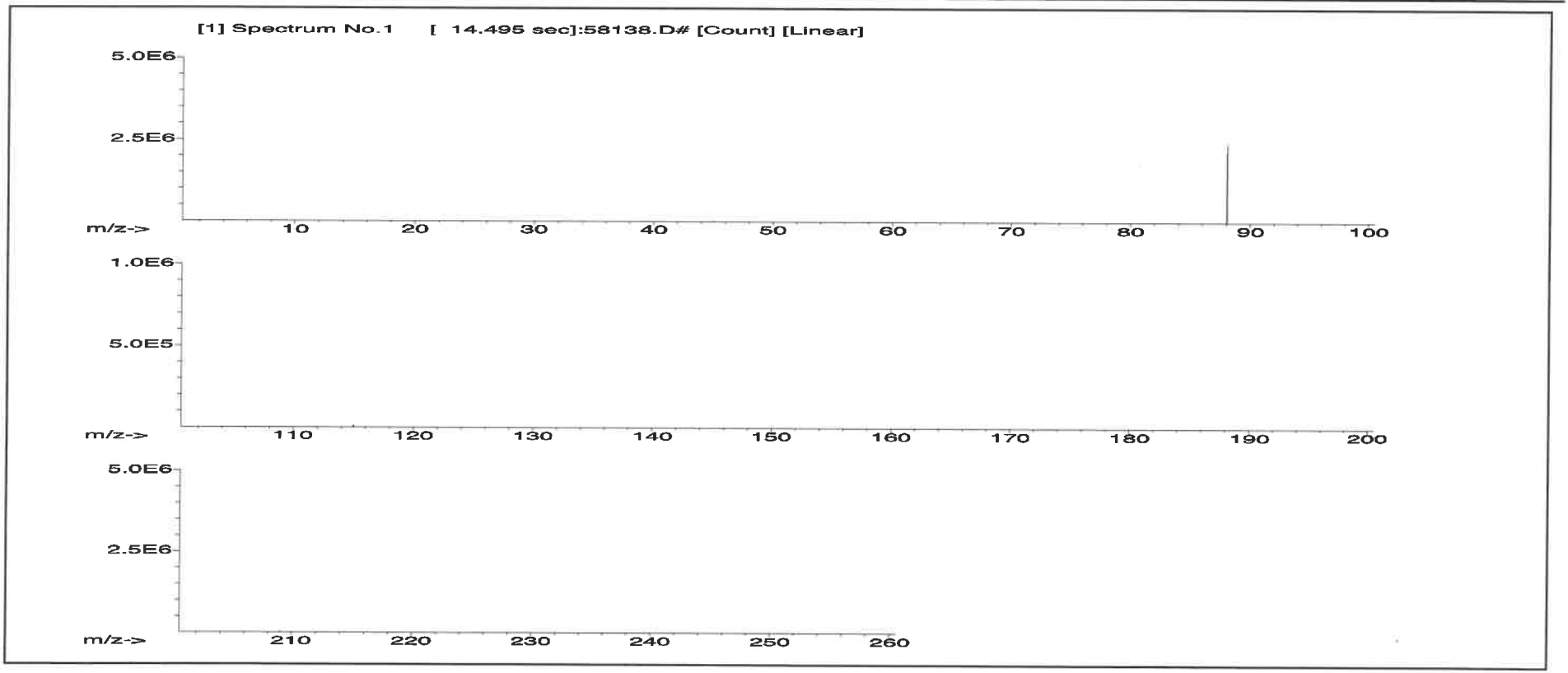
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M6023

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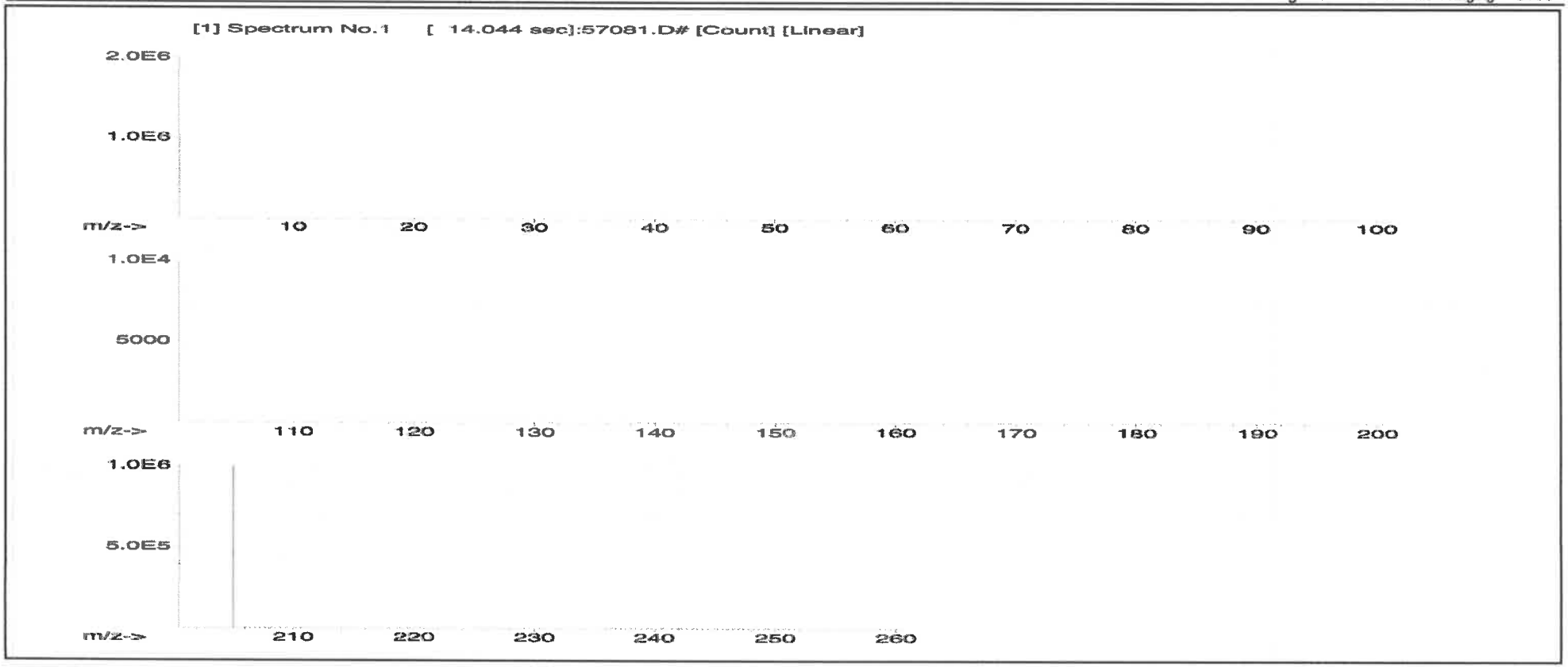
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

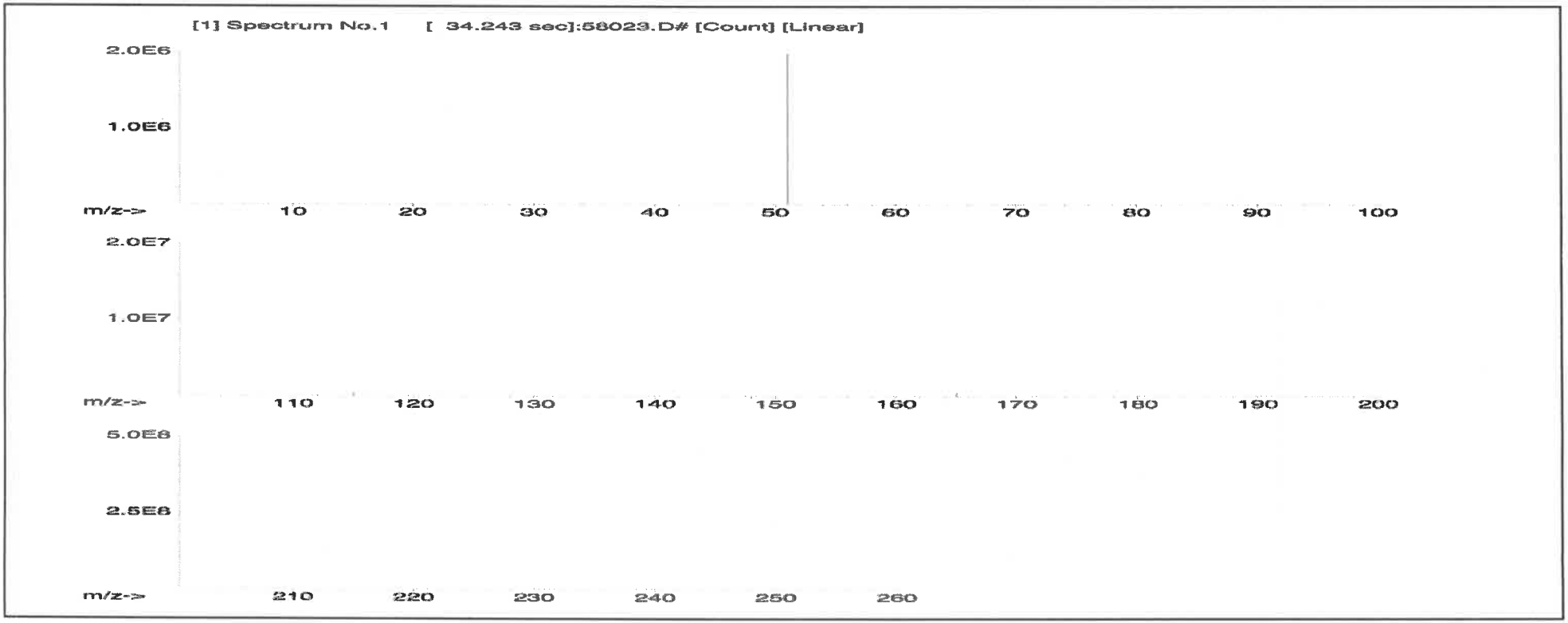
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164027

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD9Z9

Start Digest Date: 10/11/2024 **Time :** 13:00 **Temp :** 97 °C

Matrix : SOIL

End Digest Date: 10/11/2024 **Time :** 16:00 **Temp :** 97 °C

Pippete ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: HG-DIG. #2

Filter paper ID : N/A

Dig Technician Signature: jepp

pH Strip ID : N/A

Supervisor Signature:

Hood ID : #3

Temp : **1.** 97°C **2.** N/A

Block ID: **1.** HG HOT BLOCK #2 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSSD	0.50ml	MP82583
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6083
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HG HOT BLOCK#2 CELL #34 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/11/24 16:10	jepp / Met dig.	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164027

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4293-01	MYD9Z9	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	1
P4293-02	MYDA00	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	2
P4293-03	MYDA01	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	3
P4293-04	MYDA02	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	4
P4293-05	MYDA03	N/A	1.07	500	Brown	Yellow	Medium	N/A	N/A	5
P4293-06	MYDA04	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	6
P4293-07	MYDA05	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	7
P4293-07MS	MYDA05MS RE JRP 10/11/24	N/A	1.35	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
~~P4293-07MSD~~	~~MYDA05MSD~~ JRP 10/11/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4293-08	MYDA05D	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	9
P4293-09	MYDA05S	N/A	1.33	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	27
P4293-10	MYDA06	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	11
P4293-11	MYDA07	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	12
P4293-12	MYDA08	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	13
P4293-13	MYDA09	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	14
P4293-14	MYDA10	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	15
P4293-15	MYDA11	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	16
P4293-16	MYDA12	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	17
P4293-17	MYDA13	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	18
P4293-18	MYDA14	N/A	1.11	500	Brown	Yellow	Medium	N/A	N/A	19
P4293-19	MYDA15	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	20
P4293-20	MYDA16	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	21
P4293-21	MYDA17	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	22
P4293-22	MYDA18	N/A	1.03	500	Brown	Yellow	Medium	N/A	N/A	23
PB164027BL	PBS027	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	28
PB164027BS	LCS027	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	29
PB164027BSD	LCSD027	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	30

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	10/23/24 15:36		Jaswal	OK
2	S00	S0	CAL1	10/23/24 16:08		Jaswal	OK
3	S02	S02	CAL3	10/23/24 16:11		Jaswal	OK
4	S03	S03	CAL4	10/23/24 16:15		Jaswal	OK
5	S04	S04	CAL5	10/23/24 16:18		Jaswal	OK
6	S05	S05	CAL6	10/23/24 16:21		Jaswal	OK
7	S06	S06	CAL7	10/23/24 16:23		Jaswal	OK
8	S07	S07	CAL8	10/23/24 16:26		Jaswal	OK
9	S08	S08	CAL9	10/23/24 16:29		Jaswal	OK
10	ICV001	ICV001	ICV	10/23/24 16:54	Inst. paused for Calibration review	Jaswal	OK
11	ICB001	ICB001	ICB	10/23/24 17:12	Inst. paused for review	Jaswal	OK
12	ICSA001	ICSA001	ICSA	10/23/24 17:15		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	10/23/24 17:18		Jaswal	OK
14	CCV001	CCV001	CCV	10/23/24 17:21		Jaswal	OK
15	CCB001	CCB001	CCB	10/23/24 17:24		Jaswal	OK
16	PB164027BL	PBS027	MB	10/23/24 17:27		Jaswal	OK
17	PB164027BS	LCS027	LCS	10/23/24 17:31		Jaswal	OK
18	PB164027BSD	LCSD027	LCSD	10/23/24 17:34		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

19	PB164032BL	PBS032	MB	10/23/24 17:37		Jaswal	OK
20	PB164032BS	LCS032	LCS	10/23/24 17:41		Jaswal	OK
21	PB164032BSD	LCSD032	LCSD	10/23/24 17:44		Jaswal	OK
22	P4292-05	MYD0T2	SAM	10/23/24 17:51		Jaswal	OK
23	P4292-06	MYD0T3	SAM	10/23/24 17:54		Jaswal	OK
24	P4292-07	MYD0T4	SAM	10/23/24 17:57		Jaswal	OK
25	P4292-08	MYD0T5	SAM	10/23/24 18:00		Jaswal	OK
26	P4292-09	MYD0T6	SAM	10/23/24 18:03		Jaswal	OK
27	P4292-10	MYD0T7	SAM	10/23/24 18:06		Jaswal	OK
28	P4292-11	MYD0T8	SAM	10/23/24 18:09		Jaswal	OK
29	P4292-12	MYD0T9	SAM	10/23/24 18:12		Jaswal	OK
30	P4292-13	MYD0W0	SAM	10/23/24 18:15		Jaswal	OK
31	P4292-14	MYD0W1	SAM	10/23/24 18:18		Jaswal	OK
32	P4292-15	MYD0W2	SAM	10/23/24 18:21	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
33	P4292-16	MYD0W2D	DUP	10/23/24 18:24	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
34	P4292-15L	MYD0W2L	SD	10/23/24 18:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
35	P4292-17	MYD0W2S	MS	10/23/24 18:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
36	P4292-15MS	MYD0W2SRE	MS	10/23/24 18:34	Ba,Co,Ni,V High	Jaswal	Dilution
37	P4292-18	MYD0W3	SAM	10/23/24 18:37		Jaswal	OK
38	P4292-19	MYD0W4	SAM	10/23/24 18:40		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

39	P4292-20	MYD0W5	SAM	10/23/24 18:43		Jaswal	OK
40	P4292-21	MYD0W6	SAM	10/23/24 18:46		Jaswal	OK
41	CCV002	CCV002	CCV	10/23/24 18:49		Jaswal	OK
42	CCB002	CCB002	CCB	10/23/24 18:52		Jaswal	OK
43	P4292-22	MYD0W7	SAM	10/23/24 18:55		Jaswal	OK
44	P4291-04DL	MYD0B8	SAM	10/23/24 18:58	4X For Ba,Co,Ni,V	Jaswal	Confirms
45	P4291-05DL	MYD0B8D	DUP	10/23/24 19:01	4X For Ba,Co,Ni,V	Jaswal	Confirms
46	P4291-04LDL	MYD0B8L	SD	10/23/24 19:05	20X For Ba,Co,Ni,V	Jaswal	Confirms
47	P4291-06DL	MYD0B8S	MS	10/23/24 19:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
48	P4291-04MSDL	MYD0B8SRE	MS	10/23/24 19:11	4X For Ba,Co,Ni,V	Jaswal	Confirms
49	P4292-15DL	MYD0W2	SAM	10/23/24 19:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
50	P4292-16DL	MYD0W2D	DUP	10/23/24 19:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
51	P4292-15LDL	MYD0W2L	SD	10/23/24 19:31	20X For Ba,Co,Ni,V	Jaswal	Confirms
52	P4292-17DL	MYD0W2S	MS	10/23/24 19:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
53	P4292-15MSDL	MYD0W2SRE	MS	10/23/24 19:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
54	P4293-01	MYD9Z9	SAM	10/23/24 19:41		Jaswal	OK
55	P4293-02	MYDA00	SAM	10/23/24 19:44		Jaswal	OK
56	P4293-03	MYDA01	SAM	10/23/24 19:47		Jaswal	OK
57	P4293-04	MYDA02	SAM	10/23/24 19:50		Jaswal	OK
58	P4293-05	MYDA03	SAM	10/23/24 19:53		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

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Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

59	P4293-06	MYDA04	SAM	10/23/24 19:56		Jaswal	OK
60	P4293-07	MYDA05	SAM	10/23/24 19:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4293-08	MYDA05D	DUP	10/23/24 20:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
62	P4293-07L	MYDA05L	SD	10/23/24 20:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
63	P4293-09	MYDA05S	MS	10/23/24 20:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
64	P4293-07MS	MYDA05SRE	MS	10/23/24 20:12	Ba,Co,Ni,V High	Jaswal	Dilution
65	CCV003	CCV003	CCV	10/23/24 20:29		Jaswal	OK
66	CCB003	CCB003	CCB	10/23/24 20:32		Jaswal	OK
67	P4293-10	MYDA06	SAM	10/23/24 20:36		Jaswal	OK
68	P4293-11	MYDA07	SAM	10/23/24 20:39		Jaswal	OK
69	P4293-12	MYDA08	SAM	10/23/24 20:42		Jaswal	OK
70	P4293-13	MYDA09	SAM	10/23/24 20:45		Jaswal	OK
71	P4293-14	MYDA10	SAM	10/23/24 20:48		Jaswal	OK
72	P4293-15	MYDA11	SAM	10/23/24 20:51		Jaswal	OK
73	P4293-16	MYDA12	SAM	10/23/24 20:54		Jaswal	OK
74	P4293-17	MYDA13	SAM	10/23/24 20:57		Jaswal	OK
75	P4293-18	MYDA14	SAM	10/23/24 21:00		Jaswal	OK
76	P4293-19	MYDA15	SAM	10/23/24 21:03		Jaswal	OK
77	P4293-20	MYDA16	SAM	10/23/24 21:07		Jaswal	OK
78	P4293-21	MYDA17	SAM	10/23/24 21:10		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

79	P4293-22	MYDA18	SAM	10/23/24 21:13		Jaswal	OK
80	P4294-01	MYDA19	SAM	10/23/24 21:16		Jaswal	OK
81	P4294-02	MYDA20	SAM	10/23/24 21:19		Jaswal	OK
82	P4294-03	MYDA21	SAM	10/23/24 21:22		Jaswal	OK
83	P4294-04	MYDA22	SAM	10/23/24 21:25		Jaswal	OK
84	P4294-05	MYDA23	SAM	10/23/24 21:28		Jaswal	OK
85	ICSA002	ICSA002	ICSA	10/23/24 21:31		Jaswal	OK
86	ICSAB002	ICSAB002	ICSAB	10/23/24 21:35		Jaswal	OK
87	CCV004	CCV004	CCV	10/23/24 21:38		Jaswal	OK
88	CCB004	CCB004	CCB	10/23/24 21:40		Jaswal	OK
89	P4294-06	MYDA24	SAM	10/23/24 21:44		Jaswal	OK
90	P4294-07	MYDA25	SAM	10/23/24 21:47		Jaswal	OK
91	P4294-08	MYDA26	SAM	10/23/24 21:50		Jaswal	OK
92	P4294-09	MYDA27	SAM	10/23/24 21:53		Jaswal	OK
93	P4294-10	MYDA28	SAM	10/23/24 21:56		Jaswal	OK
94	P4294-11	MYDA29	SAM	10/23/24 21:59		Jaswal	OK
95	P4294-12	MYDA30	SAM	10/23/24 22:02		Jaswal	OK
96	P4291-07	MYD0B9	SAM	10/23/24 22:07		Jaswal	OK
97	CCV005	CCV005	CCV	10/23/24 22:10		Jaswal	OK
98	CCB005	CCB005	CCB	10/23/24 22:13		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

99	P4294-13	MYDA31	SAM	10/23/24 22:16		Jaswal	OK
100	P4294-14	MYDA32	SAM	10/23/24 22:19		Jaswal	OK
101	P4294-15	MYDA33	SAM	10/23/24 22:22		Jaswal	OK
102	P4294-16	MYDA34	SAM	10/23/24 22:25		Jaswal	OK
103	P4294-17	MYDA35	SAM	10/23/24 22:29		Jaswal	OK
104	P4294-18	MYDA36	SAM	10/23/24 22:32		Jaswal	OK
105	P4294-19	MYDA37	SAM	10/23/24 22:35		Jaswal	OK
106	P4294-20	MYDA42	SAM	10/23/24 22:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
107	P4294-21	MYDA42D	DUP	10/23/24 22:41	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
108	P4294-20L	MYDA42L	SD	10/23/24 22:44	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
109	P4294-22	MYDA42S	MS	10/23/24 22:47	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
110	P4294-20MS	MYDA42SRE	MS	10/23/24 22:51	Ba,Co,Ni,V High	Jaswal	Dilution
111	P4295-01	MYD0Z2	SAM	10/23/24 22:53		Jaswal	OK
112	P4295-02	MYD0Z3	SAM	10/23/24 22:57		Jaswal	OK
113	P4295-03	MYD0Z4	SAM	10/23/24 23:00		Jaswal	OK
114	P4295-04	MYD0Z5	SAM	10/23/24 23:03		Jaswal	OK
115	P4295-05	MYD0Z6	SAM	10/23/24 23:06		Jaswal	OK
116	P4295-06	MYD0Z7	SAM	10/23/24 23:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
117	P4295-07	MYD0Z7D	DUP	10/23/24 23:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
118	P4295-06L	MYD0Z7L	SD	10/23/24 23:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

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CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

119	P4295-08	MYD0Z7S	MS	10/23/24 23:18	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
120	P4295-06MS	MYD0Z7SRE	MS	10/23/24 23:21	MS Fail For Pb, Ba,Co,Ni,V High	Jaswal	Dilution
121	P4295-09	MYD0Z8	SAM	10/23/24 23:24		Jaswal	OK
122	P4295-10	MYD0Z9	SAM	10/23/24 23:27		Jaswal	OK
123	P4295-11	MYD100	SAM	10/23/24 23:30		Jaswal	OK
124	P4295-12	MYD101	SAM	10/23/24 23:33		Jaswal	OK
125	CCV006	CCV006	CCV	10/23/24 23:36		Jaswal	OK
126	CCB006	CCB006	CCB	10/23/24 23:39		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133117

Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE003	TUNE	10/24/24 11:46		Jaswal	OK
2	S00	S0	CAL1	10/24/24 12:20		Jaswal	OK
3	S02	S02	CAL3	10/24/24 12:24		Jaswal	OK
4	S03	S03	CAL4	10/24/24 12:27		Jaswal	OK
5	S04	S04	CAL5	10/24/24 12:30		Jaswal	OK
6	S05	S05	CAL6	10/24/24 12:33		Jaswal	OK
7	S06	S06	CAL7	10/24/24 12:36		Jaswal	OK
8	S07	S07	CAL8	10/24/24 12:38		Jaswal	OK
9	S08	S08	CAL9	10/24/24 12:41		Jaswal	OK
10	ICV003	ICV003	ICV	10/24/24 12:56	Inst. paused for calibration review	Jaswal	OK
11	ICB003	ICB003	ICB	10/24/24 12:59		Jaswal	OK
12	ICSA003	ICSA003	ICSA	10/24/24 13:03		Jaswal	OK
13	ICSAB003	ICSAB003	ICSAB	10/24/24 13:06		Jaswal	OK
14	CCV007	CCV007	CCV	10/24/24 13:12	Inst. paused for review	Jaswal	OK
15	CCB007	CCB007	CCB	10/24/24 13:15		Jaswal	OK
16	P4293-07DL	MYDA05	SAM	10/24/24 13:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
17	P4293-08DL	MYDA05D	DUP	10/24/24 13:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
18	P4293-07LDL	MYDA05L	SD	10/24/24 13:25	20X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133117

Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	P4293-09DL	MYDA05S	MS	10/24/24 13:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
20	P4293-07MSDL	MYDA05SRE	MS	10/24/24 13:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
21	P4294-20DL	MYDA42	SAM	10/24/24 13:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
22	P4294-21DL	MYDA42D	DUP	10/24/24 13:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
23	P4294-20LDL	MYDA42L	SD	10/24/24 13:41	20X For Ba,Co,Ni,V	Jaswal	Confirms
24	P4294-22DL	MYDA42S	MS	10/24/24 13:44	4X For Ba,Co,Ni,V	Jaswal	Confirms
25	P4294-20MSDL	MYDA42SRE	MS	10/24/24 13:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
26	P4295-06DL	MYD0Z7	SAM	10/24/24 13:50	4X For Ba,Co,Ni,V	Jaswal	Confirms
27	P4295-07DL	MYD0Z7D	DUP	10/24/24 13:53	4X For Ba,Co,Ni,V	Jaswal	Confirms
28	P4295-06LDL	MYD0Z7L	SD	10/24/24 13:56	20X For Ba,Co,Ni,V	Jaswal	Confirms
29	P4295-08DL	MYD0Z7S	MS	10/24/24 14:00	4X For Ba,Co,Ni,V	Jaswal	Confirms
30	P4295-06MSDL	MYD0Z7SRE	MS	10/24/24 14:03	4X For Ba,Co,Ni,V	Jaswal	Confirms
31	P4295-06A	MYD0Z7A	PS	10/24/24 14:06	PS for Pb - 0.0142 ml - MP82593- -10 ml Sample	Jaswal	OK
32	CCV008	CCV008	CCV	10/24/24 14:09		Jaswal	OK
33	CCB008	CCB008	CCB	10/24/24 14:12		Jaswal	OK
34	P4295-13	MYD102	SAM	10/24/24 14:15		Jaswal	OK
35	P4295-14	MYD103	SAM	10/24/24 14:18		Jaswal	OK
36	P4295-15	MYD104	SAM	10/24/24 14:21		Jaswal	OK
37	P4295-16	MYD105	SAM	10/24/24 14:24		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB133117

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

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ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

38	P4295-17	MYDA38	SAM	10/24/24 14:27		Jaswal	OK
39	P4295-18	MYDA39	SAM	10/24/24 14:31		Jaswal	OK
40	P4295-19	MYDA40	SAM	10/24/24 14:34		Jaswal	OK
41	P4295-20	MYDA41	SAM	10/24/24 14:37		Jaswal	OK
42	P4295-21	MYDBB3	SAM	10/24/24 14:40		Jaswal	OK
43	PB164085BL	PBS085	MB	10/24/24 14:43		Jaswal	OK
44	PB164085BS	LCS085	LCS	10/24/24 14:46		Jaswal	OK
45	PB164085BSD	LCSD085	LCSD	10/24/24 14:50		Jaswal	OK
46	PB164090BL	PBS090	MB	10/24/24 14:53		Jaswal	OK
47	PB164090BS	LCS090	LCS	10/24/24 14:56		Jaswal	OK
48	PB164090BSD	LCSD090	LCSD	10/24/24 14:59		Jaswal	OK
49	P4296-01	MYD0W8	SAM	10/24/24 15:03		Jaswal	OK
50	P4296-02	MYD0W9	SAM	10/24/24 15:06		Jaswal	OK
51	P4296-03	MYD0X0	SAM	10/24/24 15:09		Jaswal	OK
52	P4296-04	MYD0Y2	SAM	10/24/24 15:12		Jaswal	OK
53	P4296-05	MYD0Y3	SAM	10/24/24 15:15	Ni High	Jaswal	Dilution
54	P4296-06	MYD0Y4	SAM	10/24/24 15:18		Jaswal	OK
55	P4296-07	MYD0Y5	SAM	10/24/24 15:22	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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56	P4296-08	MYD0Y5D	DUP	10/24/24 15:25	Ba,Co,Ni,V High in MSRE(ICB),Bismuth(Dilution),Holmium(Dilution),Lithium(Dilution),Rhodium(Dilution),Scandium(Dilution),Terbium(Dilution),Yttrium(Dilution),	Jaswal	Dilution
57	P4296-07L	MYD0Y5L	SD	10/24/24 15:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
58	P4296-09	MYD0Y5S	MS	10/24/24 15:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
59	P4296-07MS	MYD0Y5SRE	MS	10/24/24 15:34	MS Fail For As(220.75ppb),Cu(3015.15 ppb),Zn(187.38ppb),Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
60	CCV009	CCV009	CCV	10/24/24 15:41		Jaswal	OK
61	CCB009	CCB009	CCB	10/24/24 15:44		Jaswal	OK
62	P4296-10	MYD0Y9	SAM	10/24/24 15:47		Jaswal	OK
63	P4296-11	MYD0Z0	SAM	10/24/24 15:50		Jaswal	OK
64	P4296-12	MYD0Z1	SAM	10/24/24 15:53		Jaswal	OK
65	P4296-13	MYDA43	SAM	10/24/24 15:56		Jaswal	OK
66	P4296-14	MYDA44	SAM	10/24/24 15:59		Jaswal	OK
67	P4296-15	MYDA45	SAM	10/24/24 16:02		Jaswal	OK
68	P4296-16	MYDA46	SAM	10/24/24 16:06		Jaswal	OK
69	P4296-17	MYDA47	SAM	10/24/24 16:09		Jaswal	OK
70	P4296-18	MYDA48	SAM	10/24/24 16:12		Jaswal	OK
71	P4296-19	MYDA49	SAM	10/24/24 16:15		Jaswal	OK

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CCV Standard	MP82579
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CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

72	P4296-20	MYDA50	SAM	10/24/24 16:18		Jaswal	OK
73	P4296-21	MYDA51	SAM	10/24/24 16:21		Jaswal	OK
74	P4296-22	MYDA52	SAM	10/24/24 16:24		Jaswal	OK
75	PB164128BL	PBS128	MB	10/24/24 16:27		Jaswal	OK
76	PB164128BS	LCS128	LCS	10/24/24 16:31		Jaswal	OK
77	PB164128BSD	LCSD128	LCSD	10/24/24 16:34		Jaswal	OK
78	P4297-01	MYDA53	SAM	10/24/24 16:37		Jaswal	OK
79	P4297-02	MYDA54	SAM	10/24/24 16:40		Jaswal	OK
80	P4297-03	MYDA55	SAM	10/24/24 16:43		Jaswal	OK
81	P4297-04	MYDA56	SAM	10/24/24 16:47		Jaswal	OK
82	P4297-05	MYDA57	SAM	10/24/24 16:50		Jaswal	OK
83	P4297-06	MYDA58	SAM	10/24/24 16:53		Jaswal	OK
84	P4297-07	MYDA59	SAM	10/24/24 16:56		Jaswal	OK
85	P4297-08	MYDA60	SAM	10/24/24 16:59		Jaswal	OK
86	P4297-09	MYDA61	SAM	10/24/24 17:02		Jaswal	OK
87	P4297-10	MYDA62	SAM	10/24/24 17:05		Jaswal	OK
88	CCV010	CCV010	CCV	10/24/24 17:14		Jaswal	OK
89	CCB010	CCB010	CCB	10/24/24 17:17		Jaswal	OK
90	P4297-11	MYDA63	SAM	10/24/24 17:20		Jaswal	OK
91	P4297-12	MYDA64	SAM	10/24/24 17:24		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

92	P4297-13	MYDA65	SAM	10/24/24 17:27		Jaswal	OK
93	P4297-14	MYDA66	SAM	10/24/24 17:30	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
94	P4297-15	MYDA66D	DUP	10/24/24 17:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
95	P4297-14L	MYDA66L	SD	10/24/24 17:36	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
96	P4297-16	MYDA66S	MS	10/24/24 17:39	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
97	P4297-14MS	MYDA66SRE	MS	10/24/24 17:42	MS Fail For Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
98	P4297-17	MYDA67	SAM	10/24/24 17:45		Jaswal	OK
99	P4297-18	MYDA68	SAM	10/24/24 17:48		Jaswal	OK
100	P4297-19	MYDA69	SAM	10/24/24 17:52		Jaswal	OK
101	P4297-20	MYDA70	SAM	10/24/24 17:55		Jaswal	OK
102	P4297-21	MYDA71	SAM	10/24/24 17:58		Jaswal	OK
103	P4297-22	MYDA72	SAM	10/24/24 18:01		Jaswal	OK
104	P4296-07DL	MYD0Y5	SAM	10/24/24 18:04	4X For Ba,Co,Ni,V	Jaswal	Confirms
105	P4296-08DL	MYD0Y5D	DUP	10/24/24 18:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
106	P4296-07LDL	MYD0Y5L	SD	10/24/24 18:10	20X For Ba,Co,Ni,V	Jaswal	Confirms
107	P4296-09DL	MYD0Y5S	MS	10/24/24 18:14	4X For Ba,Co,Ni,V	Jaswal	Confirms
108	P4296-07MSDL	MYD0Y5SRE	MS	10/24/24 18:17	4X For Ba,Co,Ni,V	Jaswal	Confirms
109	P4297-14DL	MYDA66	SAM	10/24/24 18:20	4X For Ba,Co,Ni,V	Jaswal	Confirms
110	P4297-15DL	MYDA66D	DUP	10/24/24 18:23	4X For Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

111	P4297-14LDL	MYDA66L	SD	10/24/24 18:26	20X For Ba,Co,Ni,V	Jaswal	Confirms
112	P4297-16DL	MYDA66S	MS	10/24/24 18:30	4X For Ba,Co,Ni,V	Jaswal	Confirms
113	CCV011	CCV011	CCV	10/24/24 18:49		Jaswal	OK
114	CCB011	CCB011	CCB	10/24/24 18:52		Jaswal	OK
115	P4297-14MSDL	MYDA66SRE	MS	10/24/24 18:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
116	PB164126BL	PBS126	MB	10/24/24 19:02		Jaswal	OK
117	PB164126BS	LCS126	LCS	10/24/24 19:06		Jaswal	OK
118	PB164126BSD	LCSD126	LCSD	10/24/24 19:09		Jaswal	OK
119	P4298-01	MYDA73	SAM	10/24/24 19:12		Jaswal	OK
120	P4298-02	MYDA74	SAM	10/24/24 19:16		Jaswal	OK
121	P4298-03	MYDA75	SAM	10/24/24 19:19		Jaswal	OK
122	P4298-04	MYDA76	SAM	10/24/24 19:22		Jaswal	OK
123	P4298-05	MYDA77	SAM	10/24/24 19:25		Jaswal	OK
124	P4298-06	MYDA78	SAM	10/24/24 19:28		Jaswal	OK
125	P4298-07	MYDA79	SAM	10/24/24 19:31		Jaswal	OK
126	P4298-08	MYDA80	SAM	10/24/24 19:34		Jaswal	OK
127	P4298-09	MYDA81	SAM	10/24/24 19:37		Jaswal	OK
128	P4298-10	MYDA82	SAM	10/24/24 19:40		Jaswal	OK
129	P4298-11	MYDA83	SAM	10/24/24 19:43		Jaswal	OK
130	P4298-12	MYDA84	SAM	10/24/24 19:47		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

131	P4298-13	MYDA85	SAM	10/24/24 19:50		Jaswal	OK
132	P4298-14	MYDA86	SAM	10/24/24 19:53		Jaswal	OK
133	P4298-15	MYDA87	SAM	10/24/24 19:56		Jaswal	OK
134	P4298-16	MYDA88	SAM	10/24/24 19:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
135	P4298-17	MYDA88D	DUP	10/24/24 20:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
136	P4298-16L	MYDA88L	SD	10/24/24 20:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
137	P4298-18	MYDA88S	MS	10/24/24 20:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
138	P4298-16MS	MYDA88SRE	MS	10/24/24 20:12	MS Fail For As(356.29ppb),Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
139	P4298-19	MYDA89	SAM	10/24/24 20:15		Jaswal	OK
140	CCV012	CCV012	CCV	10/24/24 20:18		Jaswal	OK
141	CCB012	CCB012	CCB	10/24/24 20:20		Jaswal	OK
142	P4298-20	MYDA90	SAM	10/24/24 20:24		Jaswal	OK
143	P4298-21	MYDA91	SAM	10/24/24 20:27		Jaswal	OK
144	P4298-22	MYDA92	SAM	10/24/24 20:30		Jaswal	OK
145	P4299-01	MYDA93	SAM	10/24/24 20:33		Jaswal	OK
146	P4299-02	MYDA94	SAM	10/24/24 20:36		Jaswal	OK
147	P4299-03	MYDA95	SAM	10/24/24 20:39		Jaswal	OK
148	P4299-04	MYDA96	SAM	10/24/24 20:42		Jaswal	OK
149	P4299-05	MYDA97	SAM	10/24/24 20:45		Jaswal	OK

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CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

150	P4299-06	MYDA98	SAM	10/24/24 20:48		Jaswal	OK
151	P4299-07	MYDA99	SAM	10/24/24 20:52		Jaswal	OK
152	P4299-08	MYDAA0	SAM	10/24/24 20:55		Jaswal	OK
153	P4299-09	MYDAA1	SAM	10/24/24 20:58		Jaswal	OK
154	P4299-10	MYDAA2	SAM	10/24/24 21:01		Jaswal	OK
155	P4299-11	MYDAA3	SAM	10/24/24 21:04		Jaswal	OK
156	P4299-12	MYDAA4	SAM	10/24/24 21:07		Jaswal	OK
157	P4299-13	MYDAA5	SAM	10/24/24 21:10		Jaswal	OK
158	P4299-14	MYDAA6	SAM	10/24/24 21:13		Jaswal	OK
159	P4299-15	MYDAA7	SAM	10/24/24 21:16		Jaswal	OK
160	P4299-16	MYDAA8	SAM	10/24/24 21:19		Jaswal	OK
161	P4299-17	MYDAA9	SAM	10/24/24 21:22		Jaswal	OK
162	P4299-18	MYDAB0	SAM	10/24/24 21:26		Jaswal	OK
163	P4299-19	MYDAB1	SAM	10/24/24 21:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
164	P4299-20	MYDAB1D	DUP	10/24/24 21:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
165	P4299-19L	MYDAB1L	SD	10/24/24 21:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
166	P4299-21	MYDAB1S	MS	10/24/24 21:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
167	P4299-19MS	MYDAB1SRE	MS	10/24/24 21:41	MS Fail For As(146.42ppb),Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
168	P4299-22	MYDAB2	SAM	10/24/24 21:44		Jaswal	OK

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ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

169	CCV013	CCV013	CCV	10/24/24 21:47		Jaswal	OK
170	CCB013	CCB013	CCB	10/24/24 21:51		Jaswal	OK