EPA SAMPLE NO.

MYE4K0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-01

% Solids: 97.5 Date Received: 10/23/2024

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 | 0.34 | J | 11/02/2024 | 2241 |
| 7440-38-2 | Arsenic | 28 | | 11/02/2024 | 2241 |
| 7440-39-3 | Barium | 170 | | 11/02/2024 | 2241 |
| 7440-41-7 | Beryllium | 0.56 | * | 11/02/2024 | 2241 |
| 7440-43-9 | Cadmium | 0.44 | | 11/02/2024 | 2241 |
| 7440-47-3 | Chromium | 34 | * | 11/02/2024 | 2241 |
| 7440-48-4 | Cobalt | 17 | | 11/02/2024 | 2241 |
| 7440-50-8 | Copper | 84 | * | 11/02/2024 | 2241 |
| 7439-92-1 | Lead | 18 | * | 11/02/2024 | 2241 |
| 7440-02-0 | Nickel | 28 | | 11/02/2024 | 2241 |
| 7782-49-2 | Selenium | 0.37 | J | 11/02/2024 | 2241 |
| 7440-22-4 | Silver | 0.19 | J | 11/02/2024 | 2241 |
| 7440-28-0 | Thallium | 0.13 | J | 11/02/2024 | 2241 |
| 7440-62-2 | Vanadium | 61 | | 11/02/2024 | 2241 |
| 7440-66-6 | Zinc | 100 | * | 11/02/2024 | 2241 |

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

Comments:

EPA SAMPLE NO.

MYE4K1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-02

% Solids: 97.8 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.42 | J | 11/02/2024 | 2244 |
| 7440-38-2 | Arsenic | 18 | | 11/02/2024 | 2244 |
| 7440-39-3 | Barium | 140 | | 11/02/2024 | 2244 |
| 7440-41-7 | Beryllium | 0.49 | * | 11/02/2024 | 2244 |
| 7440-43-9 | Cadmium | 0.14 | J | 11/02/2024 | 2244 |
| 7440-47-3 | Chromium | 32 | * | 11/02/2024 | 2244 |
| 7440-48-4 | Cobalt | 15 | | 11/02/2024 | 2244 |
| 7440-50-8 | Copper | 36 | * | 11/02/2024 | 2244 |
| 7439-92-1 | Lead | 11 | * | 11/02/2024 | 2244 |
| 7440-02-0 | Nickel | 25 | | 11/02/2024 | 2244 |
| 7782-49-2 | Selenium | 2.0 | U | 11/02/2024 | 2244 |
| 7440-22-4 | Silver | 0.052 | J | 11/02/2024 | 2244 |
| 7440-28-0 | Thallium | 0.095 | J | 11/02/2024 | 2244 |
| 7440-62-2 | Vanadium | 76 | | 11/02/2024 | 2244 |
| 7440-66-6 | Zinc | 58 | * | 11/02/2024 | 2244 |

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

Comments:

EPA SAMPLE NO.

MYE4K2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-03

% Solids: 97.9 Date Received: 10/23/2024

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 | 0.16 | J | 11/02/2024 | 2247 |
| 7440-38-2 | Arsenic | 14 | | 11/02/2024 | 2247 |
| 7440-39-3 | Barium | 110 | D | 11/02/2024 | 2358 |
| 7440-41-7 | Beryllium | 0.37 | * | 11/02/2024 | 2247 |
| 7440-43-9 | Cadmium | 0.18 | J | 11/02/2024 | 2247 |
| 7440-47-3 | Chromium | 25 | * | 11/02/2024 | 2247 |
| 7440-48-4 | Cobalt | 15 | D | 11/02/2024 | 2358 |
| 7440-50-8 | Copper | 43 | * | 11/02/2024 | 2247 |
| 7439-92-1 | Lead | 11 | * | 11/02/2024 | 2247 |
| 7440-02-0 | Nickel | 22 | D | 11/02/2024 | 2358 |
| 7782-49-2 | Selenium | 1.9 | U | 11/02/2024 | 2247 |
| 7440-22-4 | Silver | 0.078 | J | 11/02/2024 | 2247 |
| 7440-28-0 | Thallium | 0.086 | J | 11/02/2024 | 2247 |
| 7440-62-2 | Vanadium | 51 | D | 11/02/2024 | 2358 |
| 7440-66-6 | Zinc | 60 | * | 11/02/2024 | 2247 |

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

Comments:

EPA SAMPLE NO.

MYE4K3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-06

% Solids: 97.5 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.36 | J | 11/02/2024 | 2303 |
| 7440-38-2 | Arsenic | 20 | | 11/02/2024 | 2303 |
| 7440-39-3 | Barium | 120 | | 11/02/2024 | 2303 |
| 7440-41-7 | Beryllium | 0.41 | * | 11/02/2024 | 2303 |
| 7440-43-9 | Cadmium | 0.31 | J | 11/02/2024 | 2303 |
| 7440-47-3 | Chromium | 23 | * | 11/02/2024 | 2303 |
| 7440-48-4 | Cobalt | 13 | | 11/02/2024 | 2303 |
| 7440-50-8 | Copper | 60 | * | 11/02/2024 | 2303 |
| 7439-92-1 | Lead | 14 | * | 11/02/2024 | 2303 |
| 7440-02-0 | Nickel | 23 | | 11/02/2024 | 2303 |
| 7782-49-2 | Selenium | 0.28 | J | 11/02/2024 | 2303 |
| 7440-22-4 | Silver | 0.17 | J | 11/02/2024 | 2303 |
| 7440-28-0 | Thallium | 0.091 | J | 11/02/2024 | 2303 |
| 7440-62-2 | Vanadium | 47 | | 11/02/2024 | 2303 |
| 7440-66-6 | Zinc | 72 | * | 11/02/2024 | 2303 |

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

Comments:

EPA SAMPLE NO.

MYE4K4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-07

% Solids: 97.1 Date Received: 10/23/2024

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 | 0.23 | J | 11/02/2024 | 2306 |
| 7440-38-2 | Arsenic | 19 | | 11/02/2024 | 2306 |
| 7440-39-3 | Barium | 150 | | 11/02/2024 | 2306 |
| 7440-41-7 | Beryllium | 0.52 | * | 11/02/2024 | 2306 |
| 7440-43-9 | Cadmium | 0.32 | J | 11/02/2024 | 2306 |
| 7440-47-3 | Chromium | 31 | * | 11/02/2024 | 2306 |
| 7440-48-4 | Cobalt | 16 | | 11/02/2024 | 2306 |
| 7440-50-8 | Copper | 66 | * | 11/02/2024 | 2306 |
| 7439-92-1 | Lead | 14 | * | 11/02/2024 | 2306 |
| 7440-02-0 | Nickel | 24 | | 11/02/2024 | 2306 |
| 7782-49-2 | Selenium | 2.2 | U | 11/02/2024 | 2306 |
| 7440-22-4 | Silver | 0.14 | J | 11/02/2024 | 2306 |
| 7440-28-0 | Thallium | 0.11 | J | 11/02/2024 | 2306 |
| 7440-62-2 | Vanadium | 58 | | 11/02/2024 | 2306 |
| 7440-66-6 | Zinc | 82 | * | 11/02/2024 | 2306 |

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

Comments:

EPA SAMPLE NO.

MYE4K5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-08

% Solids: 97.3 Date Received: 10/23/2024

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 | 11/02/2024 | 2309 |
| 7440-38-2 | Arsenic | 22 | | 11/02/2024 | 2309 |
| 7440-39-3 | Barium | 120 | | 11/02/2024 | 2309 |
| 7440-41-7 | Beryllium | 0.46 | * | 11/02/2024 | 2309 |
| 7440-43-9 | Cadmium | 0.33 | J | 11/02/2024 | 2309 |
| 7440-47-3 | Chromium | 29 | * | 11/02/2024 | 2309 |
| 7440-48-4 | Cobalt | 15 | | 11/02/2024 | 2309 |
| 7440-50-8 | Copper | 60 | * | 11/02/2024 | 2309 |
| 7439-92-1 | Lead | 15 | * | 11/02/2024 | 2309 |
| 7440-02-0 | Nickel | 25 | | 11/02/2024 | 2309 |
| 7782-49-2 | Selenium | 0.38 | J | 11/02/2024 | 2309 |
| 7440-22-4 | Silver | 0.13 | J | 11/02/2024 | 2309 |
| 7440-28-0 | Thallium | 0.091 | J | 11/02/2024 | 2309 |
| 7440-62-2 | Vanadium | 50 | | 11/02/2024 | 2309 |
| 7440-66-6 | Zinc | 90 | * | 11/02/2024 | 2309 |

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

Comments:

EPA SAMPLE NO.

MYE4K6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-09

% Solids: 95.2 Date Received: 10/23/2024

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 | 0.22 | J | 11/02/2024 | 2312 |
| 7440-38-2 | Arsenic | 17 | | 11/02/2024 | 2312 |
| 7440-39-3 | Barium | 120 | | 11/02/2024 | 2312 |
| 7440-41-7 | Beryllium | 0.42 | J* | 11/02/2024 | 2312 |
| 7440-43-9 | Cadmium | 0.21 | J | 11/02/2024 | 2312 |
| 7440-47-3 | Chromium | 25 | * | 11/02/2024 | 2312 |
| 7440-48-4 | Cobalt | 14 | | 11/02/2024 | 2312 |
| 7440-50-8 | Copper | 50 | * | 11/02/2024 | 2312 |
| 7439-92-1 | Lead | 11 | * | 11/02/2024 | 2312 |
| 7440-02-0 | Nickel | 22 | | 11/02/2024 | 2312 |
| 7782-49-2 | Selenium | 2.2 | U | 11/02/2024 | 2312 |
| 7440-22-4 | Silver | 0.089 | J | 11/02/2024 | 2312 |
| 7440-28-0 | Thallium | 0.10 | J | 11/02/2024 | 2312 |
| 7440-62-2 | Vanadium | 47 | | 11/02/2024 | 2312 |
| 7440-66-6 | Zinc | 71 | * | 11/02/2024 | 2312 |

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

Comments:

EPA SAMPLE NO.

MYE4K7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-10

% Solids: 96.2 Date Received: 10/23/2024

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 | 0.46 | J | 11/02/2024 | 2321 |
| 7440-38-2 | Arsenic | 32 | | 11/02/2024 | 2321 |
| 7440-39-3 | Barium | 160 | | 11/02/2024 | 2321 |
| 7440-41-7 | Beryllium | 0.52 | * | 11/02/2024 | 2321 |
| 7440-43-9 | Cadmium | 0.74 | | 11/02/2024 | 2321 |
| 7440-47-3 | Chromium | 34 | * | 11/02/2024 | 2321 |
| 7440-48-4 | Cobalt | 16 | | 11/02/2024 | 2321 |
| 7440-50-8 | Copper | 110 | * | 11/02/2024 | 2321 |
| 7439-92-1 | Lead | 26 | * | 11/02/2024 | 2321 |
| 7440-02-0 | Nickel | 30 | | 11/02/2024 | 2321 |
| 7782-49-2 | Selenium | 0.67 | J | 11/02/2024 | 2321 |
| 7440-22-4 | Silver | 0.29 | J | 11/02/2024 | 2321 |
| 7440-28-0 | Thallium | 0.15 | J | 11/02/2024 | 2321 |
| 7440-62-2 | Vanadium | 57 | | 11/02/2024 | 2321 |
| 7440-66-6 | Zinc | 110 | * | 11/02/2024 | 2321 |

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

Comments:

EPA SAMPLE NO.

MYE4K8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-11

% Solids: 91.7 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.50 | J | 11/02/2024 | 2324 |
| 7440-38-2 | Arsenic | 32 | | 11/02/2024 | 2324 |
| 7440-39-3 | Barium | 210 | | 11/02/2024 | 2324 |
| 7440-41-7 | Beryllium | 0.68 | * | 11/02/2024 | 2324 |
| 7440-43-9 | Cadmium | 0.72 | | 11/02/2024 | 2324 |
| 7440-47-3 | Chromium | 38 | * | 11/02/2024 | 2324 |
| 7440-48-4 | Cobalt | 19 | | 11/02/2024 | 2324 |
| 7440-50-8 | Copper | 110 | * | 11/02/2024 | 2324 |
| 7439-92-1 | Lead | 25 | * | 11/02/2024 | 2324 |
| 7440-02-0 | Nickel | 33 | | 11/02/2024 | 2324 |
| 7782-49-2 | Selenium | 0.48 | J | 11/02/2024 | 2324 |
| 7440-22-4 | Silver | 0.33 | J | 11/02/2024 | 2324 |
| 7440-28-0 | Thallium | 0.16 | J | 11/02/2024 | 2324 |
| 7440-62-2 | Vanadium | 61 | | 11/02/2024 | 2324 |
| 7440-66-6 | Zinc | 130 | * | 11/02/2024 | 2324 |

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

Comments:

EPA SAMPLE NO.

MYE4K9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-12

% Solids: 91.1 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.42 | J | 11/02/2024 | 2328 |
| 7440-38-2 | Arsenic | 30 | | 11/02/2024 | 2328 |
| 7440-39-3 | Barium | 180 | | 11/02/2024 | 2328 |
| 7440-41-7 | Beryllium | 0.44 | * | 11/02/2024 | 2328 |
| 7440-43-9 | Cadmium | 0.40 | J | 11/02/2024 | 2328 |
| 7440-47-3 | Chromium | 44 | * | 11/02/2024 | 2328 |
| 7440-48-4 | Cobalt | 20 | | 11/02/2024 | 2328 |
| 7440-50-8 | Copper | 84 | * | 11/02/2024 | 2328 |
| 7439-92-1 | Lead | 15 | * | 11/02/2024 | 2328 |
| 7440-02-0 | Nickel | 38 | | 11/02/2024 | 2328 |
| 7782-49-2 | Selenium | 2.1 | U | 11/02/2024 | 2328 |
| 7440-22-4 | Silver | 0.16 | J | 11/02/2024 | 2328 |
| 7440-28-0 | Thallium | 0.10 | J | 11/02/2024 | 2328 |
| 7440-62-2 | Vanadium | 68 | | 11/02/2024 | 2328 |
| 7440-66-6 | Zinc | 81 | * | 11/02/2024 | 2328 |

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

Comments:

EPA SAMPLE NO.

MYE4L0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-13

% Solids: 95.5 Date Received: 10/23/2024

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 | 0.29 | J | 11/02/2024 | 2331 |
| 7440-38-2 | Arsenic | 23 | | 11/02/2024 | 2331 |
| 7440-39-3 | Barium | 190 | | 11/02/2024 | 2331 |
| 7440-41-7 | Beryllium | 0.57 | * | 11/02/2024 | 2331 |
| 7440-43-9 | Cadmium | 0.20 | J | 11/02/2024 | 2331 |
| 7440-47-3 | Chromium | 31 | * | 11/02/2024 | 2331 |
| 7440-48-4 | Cobalt | 16 | | 11/02/2024 | 2331 |
| 7440-50-8 | Copper | 43 | * | 11/02/2024 | 2331 |
| 7439-92-1 | Lead | 10 | * | 11/02/2024 | 2331 |
| 7440-02-0 | Nickel | 31 | | 11/02/2024 | 2331 |
| 7782-49-2 | Selenium | 2.2 | U | 11/02/2024 | 2331 |
| 7440-22-4 | Silver | 0.066 | J | 11/02/2024 | 2331 |
| 7440-28-0 | Thallium | 0.11 | J | 11/02/2024 | 2331 |
| 7440-62-2 | Vanadium | 52 | | 11/02/2024 | 2331 |
| 7440-66-6 | Zinc | 67 | * | 11/02/2024 | 2331 |

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

Comments:

EPA SAMPLE NO.

MYE4L1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-14

% Solids: 94.1 Date Received: 10/23/2024

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 | 0.25 | J | 11/02/2024 | 2334 |
| 7440-38-2 | Arsenic | 27 | | 11/02/2024 | 2334 |
| 7440-39-3 | Barium | 180 | | 11/02/2024 | 2334 |
| 7440-41-7 | Beryllium | 0.60 | * | 11/02/2024 | 2334 |
| 7440-43-9 | Cadmium | 0.40 | J | 11/02/2024 | 2334 |
| 7440-47-3 | Chromium | 34 | * | 11/02/2024 | 2334 |
| 7440-48-4 | Cobalt | 17 | | 11/02/2024 | 2334 |
| 7440-50-8 | Copper | 80 | * | 11/02/2024 | 2334 |
| 7439-92-1 | Lead | 18 | * | 11/02/2024 | 2334 |
| 7440-02-0 | Nickel | 27 | | 11/02/2024 | 2334 |
| 7782-49-2 | Selenium | 0.36 | J | 11/02/2024 | 2334 |
| 7440-22-4 | Silver | 0.17 | J | 11/02/2024 | 2334 |
| 7440-28-0 | Thallium | 0.13 | J | 11/02/2024 | 2334 |
| 7440-62-2 | Vanadium | 62 | | 11/02/2024 | 2334 |
| 7440-66-6 | Zinc | 90 | * | 11/02/2024 | 2334 |

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

Comments:

EPA SAMPLE NO.

MYE4L2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-15

% Solids: 94 Date Received: 10/23/2024

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 | 0.20 | J | 11/02/2024 | 2337 |
| 7440-38-2 | Arsenic | 25 | | 11/02/2024 | 2337 |
| 7440-39-3 | Barium | 160 | | 11/02/2024 | 2337 |
| 7440-41-7 | Beryllium | 0.51 | * | 11/02/2024 | 2337 |
| 7440-43-9 | Cadmium | 0.37 | | 11/02/2024 | 2337 |
| 7440-47-3 | Chromium | 32 | * | 11/02/2024 | 2337 |
| 7440-48-4 | Cobalt | 18 | | 11/02/2024 | 2337 |
| 7440-50-8 | Copper | 75 | * | 11/02/2024 | 2337 |
| 7439-92-1 | Lead | 16 | * | 11/02/2024 | 2337 |
| 7440-02-0 | Nickel | 25 | | 11/02/2024 | 2337 |
| 7782-49-2 | Selenium | 0.34 | J | 11/02/2024 | 2337 |
| 7440-22-4 | Silver | 0.24 | J | 11/02/2024 | 2337 |
| 7440-28-0 | Thallium | 0.11 | J | 11/02/2024 | 2337 |
| 7440-62-2 | Vanadium | 56 | | 11/02/2024 | 2337 |
| 7440-66-6 | Zinc | 84 | * | 11/02/2024 | 2337 |

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

Comments:

EPA SAMPLE NO.

MYE4P6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-16

% Solids: 92.1 Date Received: 10/23/2024

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 | 0.57 | J | 11/02/2024 | 2340 |
| 7440-38-2 | Arsenic | 34 | | 11/02/2024 | 2340 |
| 7440-39-3 | Barium | 190 | | 11/02/2024 | 2340 |
| 7440-41-7 | Beryllium | 0.55 | * | 11/02/2024 | 2340 |
| 7440-43-9 | Cadmium | 0.23 | J | 11/02/2024 | 2340 |
| 7440-47-3 | Chromium | 29 | * | 11/02/2024 | 2340 |
| 7440-48-4 | Cobalt | 17 | | 11/02/2024 | 2340 |
| 7440-50-8 | Copper | 54 | * | 11/02/2024 | 2340 |
| 7439-92-1 | Lead | 12 | * | 11/02/2024 | 2340 |
| 7440-02-0 | Nickel | 31 | | 11/02/2024 | 2340 |
| 7782-49-2 | Selenium | 2.2 | U | 11/02/2024 | 2340 |
| 7440-22-4 | Silver | 0.080 | J | 11/02/2024 | 2340 |
| 7440-28-0 | Thallium | 0.12 | J | 11/02/2024 | 2340 |
| 7440-62-2 | Vanadium | 59 | | 11/02/2024 | 2340 |
| 7440-66-6 | Zinc | 68 | * | 11/02/2024 | 2340 |

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

Comments:

EPA SAMPLE NO.

MYE4P7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-17

% Solids: 97.8 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.54 | J | 11/02/2024 | 2343 |
| 7440-38-2 | Arsenic | 75 | | 11/02/2024 | 2343 |
| 7440-39-3 | Barium | 230 | | 11/02/2024 | 2343 |
| 7440-41-7 | Beryllium | 0.47 | * | 11/02/2024 | 2343 |
| 7440-43-9 | Cadmium | 0.15 | J | 11/02/2024 | 2343 |
| 7440-47-3 | Chromium | 330 | * | 11/02/2024 | 2343 |
| 7440-48-4 | Cobalt | 51 | | 11/02/2024 | 2343 |
| 7440-50-8 | Copper | 85 | * | 11/02/2024 | 2343 |
| 7439-92-1 | Lead | 3.3 | * | 11/02/2024 | 2343 |
| 7440-02-0 | Nickel | 210 | | 11/02/2024 | 2343 |
| 7782-49-2 | Selenium | 0.26 | J | 11/02/2024 | 2343 |
| 7440-22-4 | Silver | 0.39 | U | 11/02/2024 | 2343 |
| 7440-28-0 | Thallium | 0.087 | J | 11/02/2024 | 2343 |
| 7440-62-2 | Vanadium | 160 | | 11/02/2024 | 2343 |
| 7440-66-6 | Zinc | 76 | * | 11/02/2024 | 2343 |

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

Comments:

EPA SAMPLE NO.

MYE4P8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-18

% Solids: 97.7 Date Received: 10/23/2024

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 | 11/02/2024 | 2346 |
| 7440-38-2 | Arsenic | 38 | | 11/02/2024 | 2346 |
| 7440-39-3 | Barium | 230 | | 11/02/2024 | 2346 |
| 7440-41-7 | Beryllium | 0.67 | * | 11/02/2024 | 2346 |
| 7440-43-9 | Cadmium | 0.76 | | 11/02/2024 | 2346 |
| 7440-47-3 | Chromium | 36 | * | 11/02/2024 | 2346 |
| 7440-48-4 | Cobalt | 20 | | 11/02/2024 | 2346 |
| 7440-50-8 | Copper | 100 | * | 11/02/2024 | 2346 |
| 7439-92-1 | Lead | 33 | * | 11/02/2024 | 2346 |
| 7440-02-0 | Nickel | 38 | | 11/02/2024 | 2346 |
| 7782-49-2 | Selenium | 0.29 | J | 11/02/2024 | 2346 |
| 7440-22-4 | Silver | 0.25 | J | 11/02/2024 | 2346 |
| 7440-28-0 | Thallium | 0.19 | J | 11/02/2024 | 2346 |
| 7440-62-2 | Vanadium | 64 | | 11/02/2024 | 2346 |
| 7440-66-6 | Zinc | 120 | * | 11/02/2024 | 2346 |

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

Comments:

EPA SAMPLE NO.

MYE4P9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-19

% Solids: 98.7 Date Received: 10/23/2024

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 | 0.72 | J | 11/02/2024 | 2349 |
| 7440-38-2 | Arsenic | 37 | | 11/02/2024 | 2349 |
| 7440-39-3 | Barium | 170 | | 11/02/2024 | 2349 |
| 7440-41-7 | Beryllium | 0.47 | * | 11/02/2024 | 2349 |
| 7440-43-9 | Cadmium | 0.69 | | 11/02/2024 | 2349 |
| 7440-47-3 | Chromium | 30 | * | 11/02/2024 | 2349 |
| 7440-48-4 | Cobalt | 17 | | 11/02/2024 | 2349 |
| 7440-50-8 | Copper | 90 | * | 11/02/2024 | 2349 |
| 7439-92-1 | Lead | 28 | * | 11/02/2024 | 2349 |
| 7440-02-0 | Nickel | 31 | | 11/02/2024 | 2349 |
| 7782-49-2 | Selenium | 0.39 | J | 11/02/2024 | 2349 |
| 7440-22-4 | Silver | 0.18 | J | 11/02/2024 | 2349 |
| 7440-28-0 | Thallium | 0.12 | J | 11/02/2024 | 2349 |
| 7440-62-2 | Vanadium | 57 | | 11/02/2024 | 2349 |
| 7440-66-6 | Zinc | 120 | * | 11/02/2024 | 2349 |

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

Comments:

EPA SAMPLE NO.

MYE4Q0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-20

% Solids: 95.5 Date Received: 10/23/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.81 | | 11/02/2024 | 2352 |
| 7440-38-2 | Arsenic | 57 | | 11/02/2024 | 2352 |
| 7440-39-3 | Barium | 93 | | 11/02/2024 | 2352 |
| 7440-41-7 | Beryllium | 0.44 | * | 11/02/2024 | 2352 |
| 7440-43-9 | Cadmium | 0.98 | | 11/02/2024 | 2352 |
| 7440-47-3 | Chromium | 22 | * | 11/02/2024 | 2352 |
| 7440-48-4 | Cobalt | 37 | | 11/02/2024 | 2352 |
| 7440-50-8 | Copper | 88 | * | 11/02/2024 | 2352 |
| 7439-92-1 | Lead | 13 | * | 11/02/2024 | 2352 |
| 7440-02-0 | Nickel | 18 | | 11/02/2024 | 2352 |
| 7782-49-2 | Selenium | 2.0 | U | 11/02/2024 | 2352 |
| 7440-22-4 | Silver | 0.43 | | 11/02/2024 | 2352 |
| 7440-28-0 | Thallium | 0.079 | J | 11/02/2024 | 2352 |
| 7440-62-2 | Vanadium | 94 | | 11/02/2024 | 2352 |
| 7440-66-6 | Zinc | 220 | * | 11/02/2024 | 2352 |

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

Comments:

EPA SAMPLE NO.

MYE4Q1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-21

% Solids: 98.1 Date Received: 10/23/2024

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 | 0.58 | J | 11/02/2024 | 2355 |
| 7440-38-2 | Arsenic | 45 | | 11/02/2024 | 2355 |
| 7440-39-3 | Barium | 210 | | 11/02/2024 | 2355 |
| 7440-41-7 | Beryllium | 0.60 | * | 11/02/2024 | 2355 |
| 7440-43-9 | Cadmium | 0.64 | | 11/02/2024 | 2355 |
| 7440-47-3 | Chromium | 35 | * | 11/02/2024 | 2355 |
| 7440-48-4 | Cobalt | 21 | | 11/02/2024 | 2355 |
| 7440-50-8 | Copper | 110 | * | 11/02/2024 | 2355 |
| 7439-92-1 | Lead | 29 | * | 11/02/2024 | 2355 |
| 7440-02-0 | Nickel | 38 | | 11/02/2024 | 2355 |
| 7782-49-2 | Selenium | 2.1 | U | 11/02/2024 | 2355 |
| 7440-22-4 | Silver | 0.20 | J | 11/02/2024 | 2355 |
| 7440-28-0 | Thallium | 0.16 | J | 11/02/2024 | 2355 |
| 7440-62-2 | Vanadium | 70 | | 11/02/2024 | 2355 |
| 7440-66-6 | Zinc | 97 | * | 11/02/2024 | 2355 |

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

Comments:

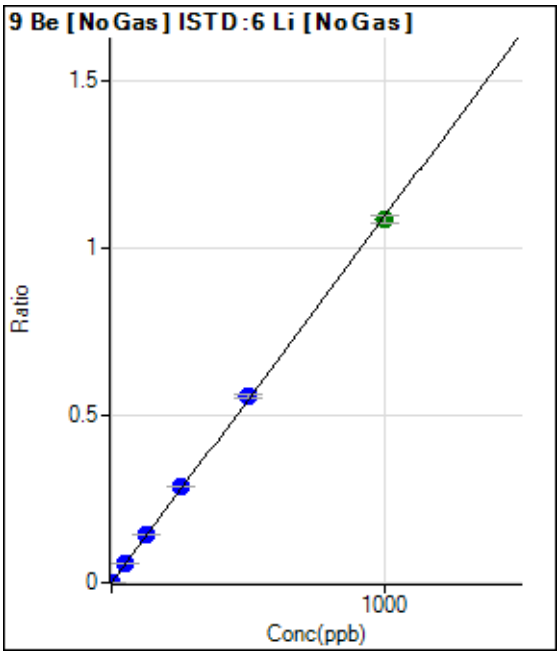
Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

# Calibration for 016ICSB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110224 MS.b\
Analysis File: P7110224 MS.batch.bin
DA Date-Time: 2024-11-03 14:10:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | S00 | 2024-11-02 17:41:38 |
| 2 | 006CALS.d | S02 | 2024-11-02 17:48:10 |
| 3 | 007CALS.d | S03 | 2024-11-02 17:51:25 |
| 4 | 008CALS.d | S04 | 2024-11-02 17:54:26 |
| 5 | 009CALS.d | S05 | 2024-11-02 17:57:16 |
| 6 | 010CALS.d | S06 | 2024-11-02 18:00:04 |
| 7 | 011CALS.d | S07 | 2024-11-02 18:02:47 |
| 8 | 012CALS.d | S08 | 2024-11-02 18:05:33 |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 81.48 | 0.0001 | P | 35.0 |
| 2 | ☐ | 1.000 | 0.969 | 1572.33 | 0.0011 | P | 2.8 |
| 3 | ☐ | 50.000 | 53.691 | 82849.24 | 0.0588 | P | 2.0 |
| 4 | ☐ | 125.000 | 132.563 | 205241.95 | 0.1451 | P | 0.7 |
| 5 | ☐ | 250.000 | 261.871 | 408213.21 | 0.2865 | P | 0.8 |
| 6 | ☐ | 500.000 | 510.086 | 799774.54 | 0.5580 | P | 1.7 |
| 7 | ☐ | 1000.000 | 990.859 | 1542042.90 | 1.0839 | A | 2.3 |
| 8 | ☐ | | | 220.38 | 0.0002 | P | 2.4 |

y = 0.0011 * x + 5.7197E-005

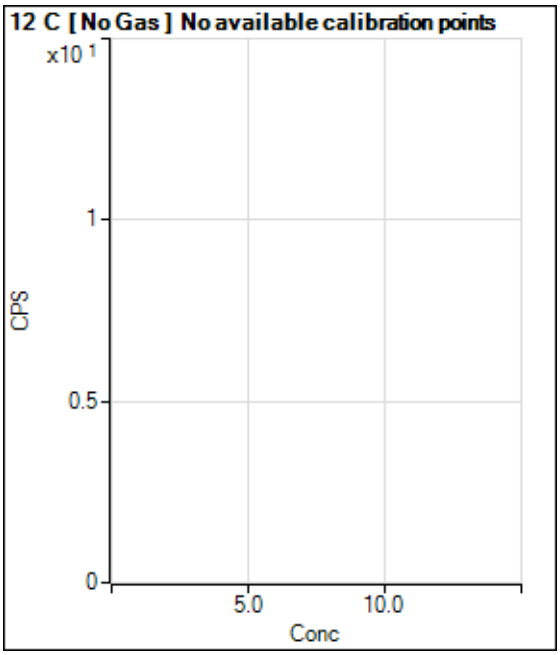
R = 0.9998

DL = 0.0549

BEC = 0.05229

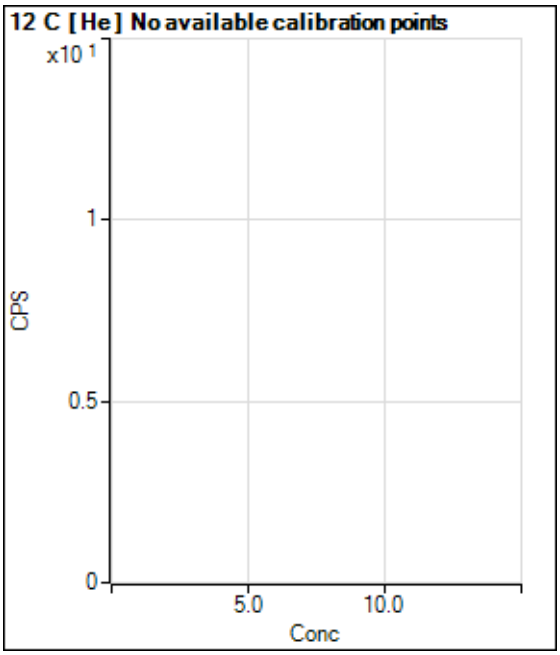
Weight: <None>

Min Conc: 0

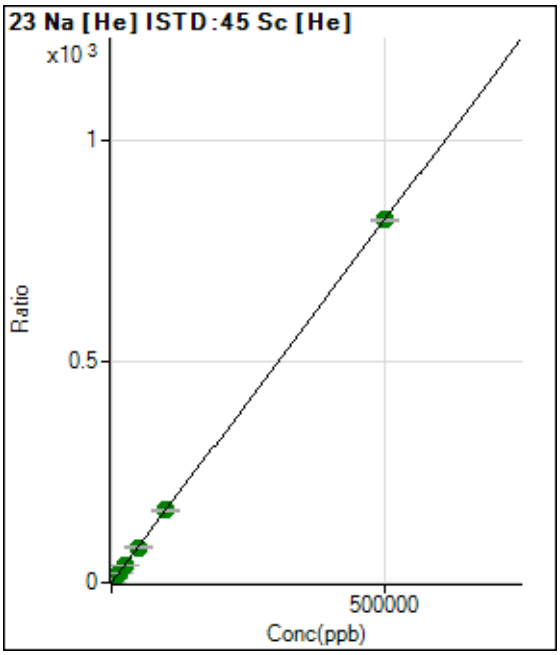



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7




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

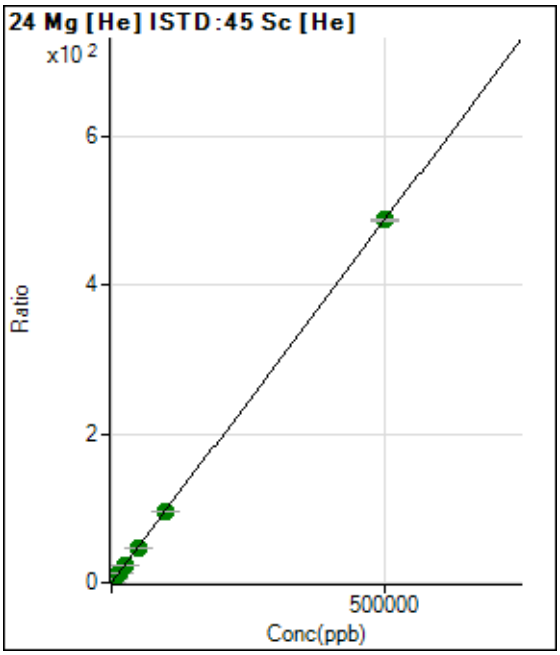



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 26365.94 | 0.0663 | P | 8.7 |
| 2 | ☐ | 500.000 | 477.810 | 348067.29 | 0.8507 | P | 0.2 |
| 3 | ☐ | 5000.000 | 4994.381 | 3417814.98 | 8.2656 | A | 0.8 |
| 4 | ☐ | 12500.000 | 12390.637 | 8317753.00 | 20.4080 | A | 0.7 |
| 5 | ☐ | 25000.000 | 24888.738 | 16503516.00 | 40.9260 | A | 0.1 |
| 6 | ☐ | 50000.000 | 48894.137 | 32481911.18 | 80.3355 | A | 1.8 |
| 7 | ☐ | 100000.00 | 99687.082 | 65240103.47 | 163.7220 | A | 1.0 |
| 8 | ☐ | 500000.00 | 500181.54 | 335412937.2 | 821.2115 | A | 0.5 |

y = 0.0016 * x + 0.0663
R = 1.0000
DL = 10.56
BEC = 40.4

Weight: <None>
Min Conc: 0

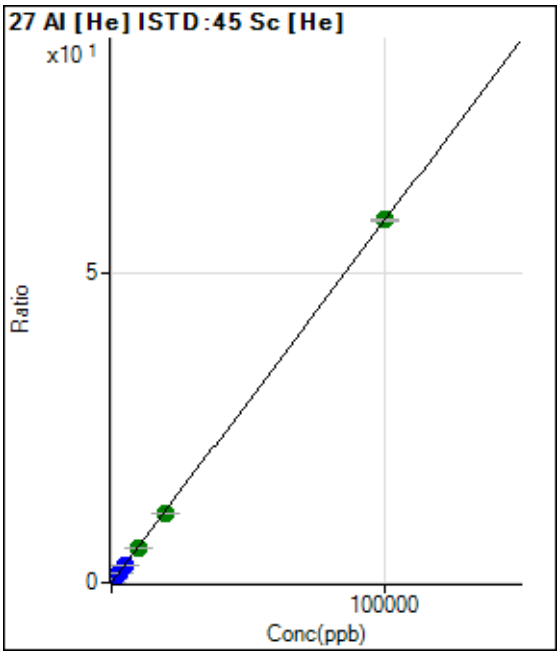
Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2027.93 | 0.0051 | P | 4.4 |
| 2 | ☐ | 500.000 | 503.064 | 202290.95 | 0.4944 | P | 0.5 |
| 3 | ☐ | 5000.000 | 4944.283 | 1990889.21 | 4.8145 | A | 0.8 |
| 4 | ☐ | 12500.000 | 12364.293 | 4903979.30 | 12.0322 | A | 0.5 |
| 5 | ☐ | 25000.000 | 24721.757 | 9699447.56 | 24.0527 | A | 0.8 |
| 6 | ☐ | 50000.000 | 48137.372 | 18935034.02 | 46.8297 | A | 1.7 |
| 7 | ☐ | 100000.00 | 98012.686 | 37993877.77 | 95.3449 | A | 0.6 |
| 8 | ☐ | 500000.00 | 500601.58 | 198890201.4 | 486.9548 | A | 0.8 |

y = 9.7273E-004 * x + 0.0051
R = 1.0000
DL = 0.6892
BEC = 5.228

Weight: <None>
Min Conc: 0

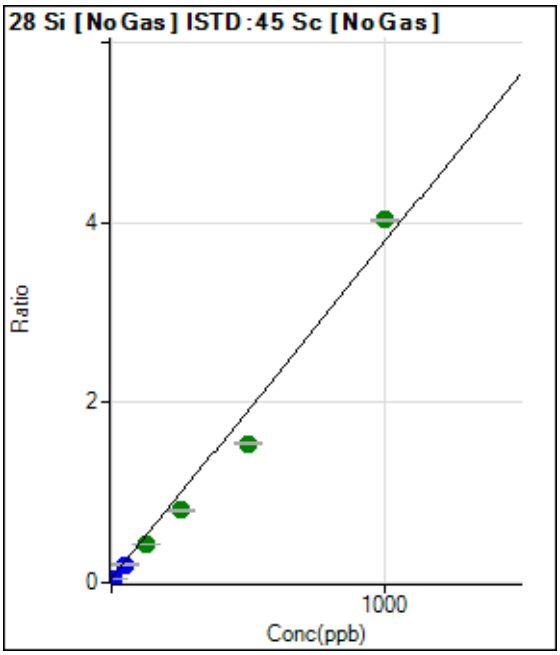



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 488.90 | 0.0012 | P | 4.9 |
| 2 | ☐ | 20.000 | 17.802 | 4751.89 | 0.0116 | P | 2.8 |
| 3 | ☐ | 1000.000 | 994.072 | 240372.36 | 0.5813 | P | 0.5 |
| 4 | ☐ | 2500.000 | 2470.975 | 588194.05 | 1.4432 | P | 0.9 |
| 5 | ☐ | 5000.000 | 4947.151 | 1164649.04 | 2.8882 | P | 0.3 |
| 6 | ☐ | 10000.000 | 9578.825 | 2260724.17 | 5.5910 | A | 1.7 |
| 7 | ☐ | 20000.000 | 19137.132 | 4450562.05 | 11.1688 | A | 1.0 |
| 8 | ☐ | 100000.00 | 100218.11 | 23887246.87 | 58.4842 | A | 0.4 |

y = 5.8356E-004 * x + 0.0012
R = 1.0000
DL = 0.3123
BEC = 2.103

Weight: <None>
Min Conc: 0

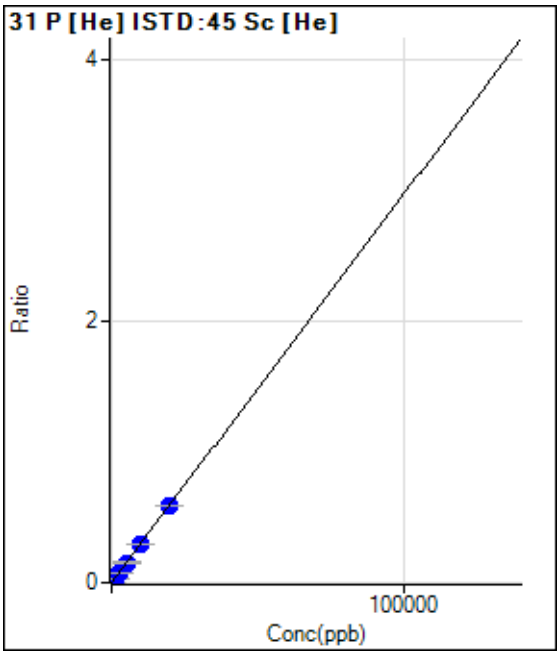
Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 217138.83 | 0.0453 | P | 1.6 |
| 2 | ☐ | 10.000 | 1.369 | 239875.98 | 0.0504 | P | 1.5 |
| 3 | ☐ | 50.000 | 41.963 | 966535.56 | 0.2025 | P | 1.5 |
| 4 | ☐ | 125.000 | 102.320 | 2007452.54 | 0.4286 | A | 1.0 |
| 5 | ☐ | 250.000 | 203.100 | 3675725.64 | 0.8061 | A | 1.2 |
| 6 | ☐ | 500.000 | 400.150 | 6864064.55 | 1.5442 | A | 1.0 |
| 7 | ☐ | 1000.000 | 1064.973 | 17951426.82 | 4.0344 | A | 0.7 |
| 8 | ☐ | | | 280164.02 | 0.0629 | P | 1.8 |

y = 0.0037 * x + 0.0453
R = 0.9923
DL = 0.5908
BEC = 12.1

Weight: <None>
Min Conc: 0

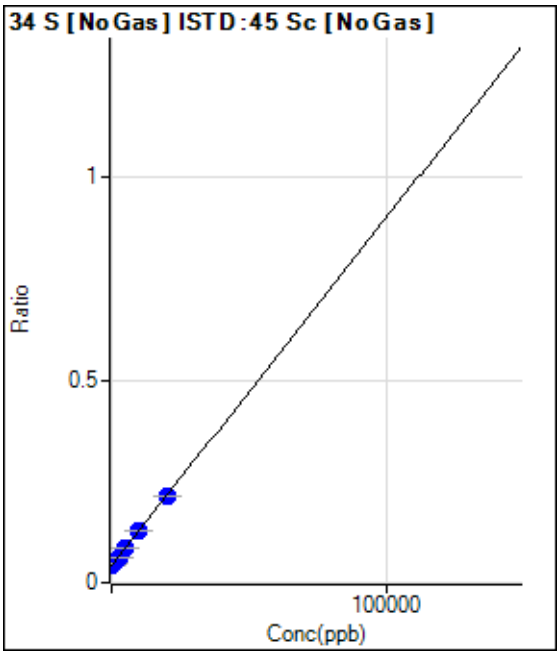



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -15.426 | 208.89 | 0.0005 | P | 12.4 |
| 2 | ☐ | 0.000 | 15.426 | 586.68 | 0.0014 | P | 10.8 |
| 3 | ☐ | 1000.000 | 1038.220 | 13122.39 | 0.0317 | P | 0.5 |
| 4 | ☐ | 2500.000 | 2564.640 | 31363.23 | 0.0770 | P | 1.8 |
| 5 | ☐ | 5000.000 | 5153.548 | 61958.06 | 0.1536 | P | 1.0 |
| 6 | ☐ | 10000.000 | 9995.115 | 120108.67 | 0.2971 | P | 2.2 |
| 7 | ☐ | 20000.000 | 19954.064 | 235943.43 | 0.5921 | P | 0.8 |
| 8 | ☐ | | | 234.45 | 0.0006 | P | 7.2 |

y = 2.9624E-005 * x + 9.7749E-004
R = 1.0000
DL = 11.08
BEC = 33

Weight: <None>
Min Conc: 0

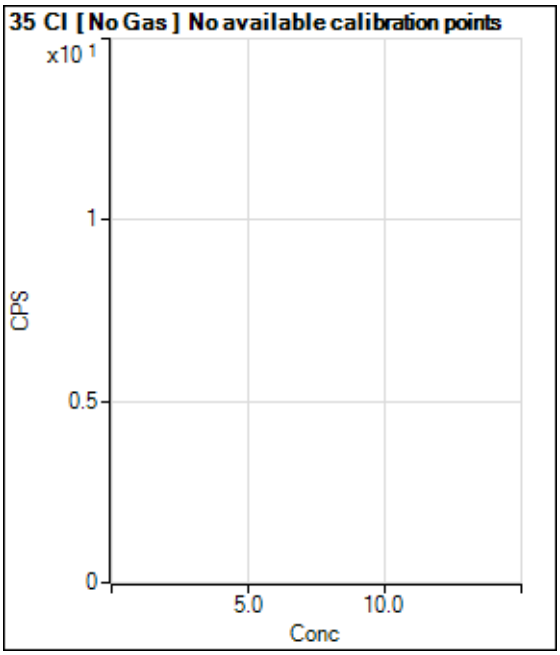
Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 9.689 | 201620.04 | 0.0421 | P | 1.6 |
| 2 | ☐ | 0.000 | -9.689 | 199290.22 | 0.0419 | P | 2.2 |
| 3 | ☐ | 1000.000 | 872.291 | 236237.45 | 0.0495 | P | 0.7 |
| 4 | ☐ | 2500.000 | 2227.534 | 286342.50 | 0.0611 | P | 1.7 |
| 5 | ☐ | 5000.000 | 4846.578 | 381391.21 | 0.0836 | P | 1.5 |
| 6 | ☐ | 10000.000 | 10057.398 | 570817.01 | 0.1284 | P | 0.8 |
| 7 | ☐ | 20000.000 | 20050.100 | 953439.74 | 0.2143 | P | 0.6 |
| 8 | ☐ | | | 162896.22 | 0.0366 | P | 1.8 |

y = 8.5922E-006 * x + 0.0420
R = 0.9999
DL = 281.3
BEC = 4888

Weight: <None>
Min Conc: 0




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

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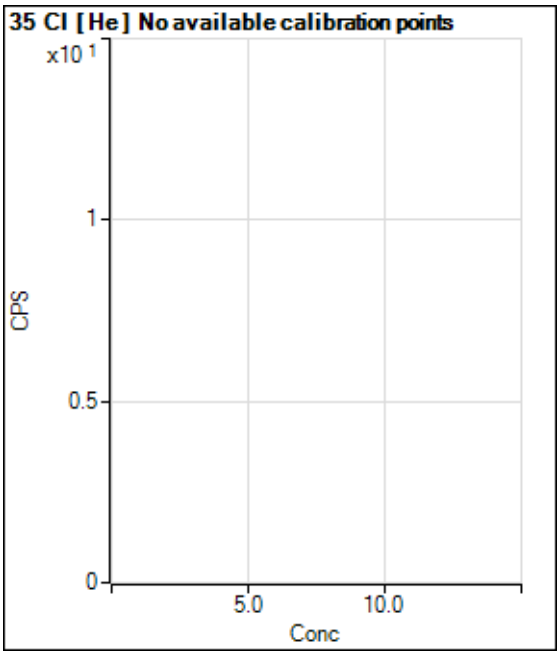
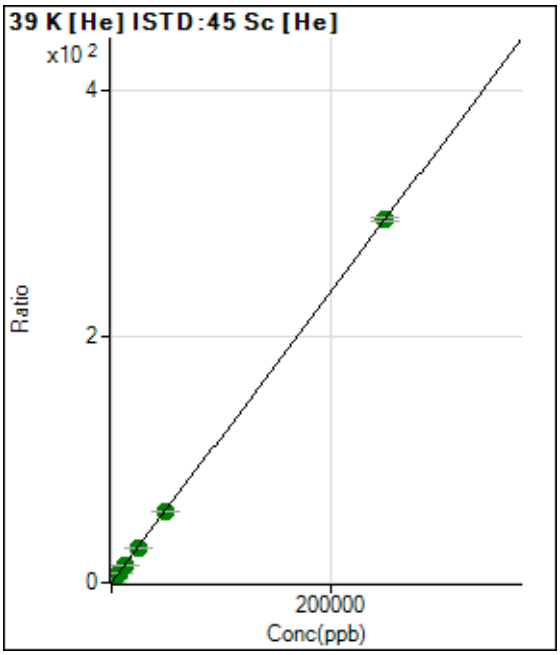



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 51892.49 | 0.1304 | P | 7.0 |
| 2 | ☐ | 500.000 | 480.603 | 284704.17 | 0.6959 | P | 0.3 |
| 3 | ☐ | 2500.000 | 2509.461 | 1274763.26 | 3.0829 | A | 0.3 |
| 4 | ☐ | 6250.000 | 6190.181 | 3021510.41 | 7.4134 | A | 1.5 |
| 5 | ☐ | 12500.000 | 12390.240 | 5930977.69 | 14.7080 | A | 0.4 |
| 6 | ☐ | 25000.000 | 24059.230 | 11497131.35 | 28.4369 | A | 2.2 |
| 7 | ☐ | 50000.000 | 48953.583 | 23003678.82 | 57.7260 | A | 0.4 |
| 8 | ☐ | 250000.00 | 250310.28 | 120337483.7 | 294.6289 | A | 0.9 |

y = 0.0012 * x + 0.1304
R = 1.0000
DL = 23.33
BEC = 110.8

Weight: <None>
Min Conc: 0

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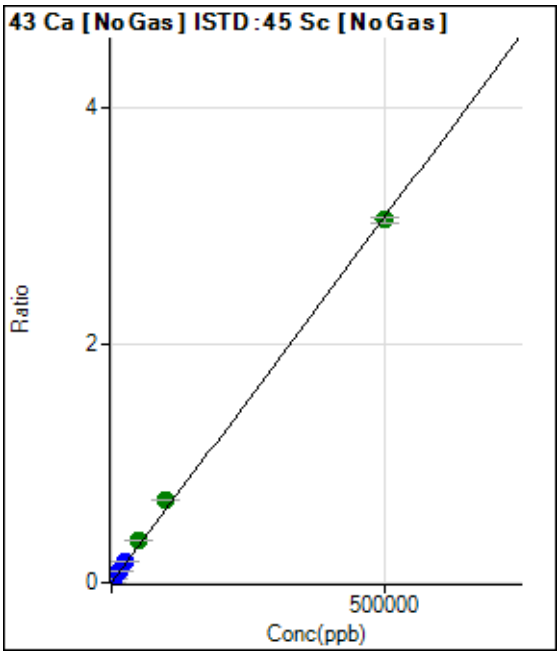
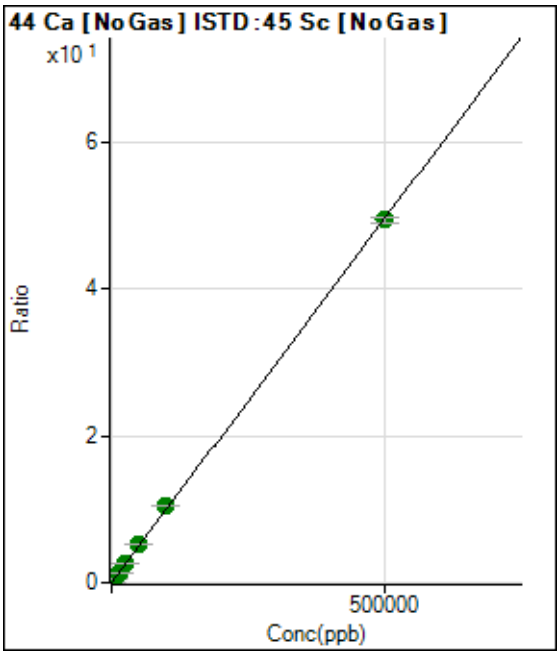



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 427.79 | 0.0001 | P | 7.6 |
| 2 | ☐ | 500.000 | 485.227 | 14602.68 | 0.0031 | P | 1.5 |
| 3 | ☐ | 5000.000 | 5970.557 | 175515.94 | 0.0368 | P | 1.6 |
| 4 | ☐ | 12500.000 | 14826.679 | 427097.38 | 0.0912 | P | 1.4 |
| 5 | ☐ | 25000.000 | 29863.214 | 837076.73 | 0.1836 | P | 1.5 |
| 6 | ☐ | 50000.000 | 57230.163 | 1563442.91 | 0.3517 | A | 0.9 |
| 7 | ☐ | 100000.00 | 112801.98 | 3084349.12 | 0.6932 | A | 0.3 |
| 8 | ☐ | 500000.00 | 496405.56 | 13591056.19 | 3.0500 | A | 1.4 |

y = 6.1441E-006 * x + 8.9293E-005
R = 0.9996
DL = 3.305
BEC = 14.53

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 14508.76 | 0.0030 | P | 1.3 |
| 2 | ☐ | 500.000 | 485.329 | 243316.51 | 0.0512 | P | 1.8 |
| 3 | ☐ | 5000.000 | 5344.254 | 2544812.62 | 0.5332 | A | 1.2 |
| 4 | ☐ | 12500.000 | 13154.335 | 6126089.49 | 1.3079 | A | 1.0 |
| 5 | ☐ | 25000.000 | 26616.766 | 12054218.99 | 2.6433 | A | 0.6 |
| 6 | ☐ | 50000.000 | 52912.494 | 23344669.37 | 5.2517 | A | 1.0 |
| 7 | ☐ | 100000.00 | 104913.18 | 46320434.31 | 10.4099 | A | 0.8 |
| 8 | ☐ | 500000.00 | 498625.48 | 220415023.3 | 49.4642 | A | 1.5 |

y = 9.9195E-005 * x + 0.0030
R = 0.9999
DL = 1.182
BEC = 30.53

Weight: <None>
Min Conc: 0

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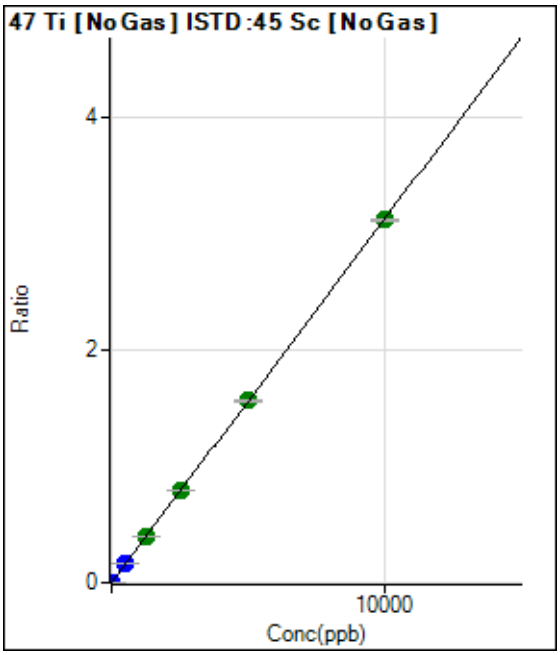
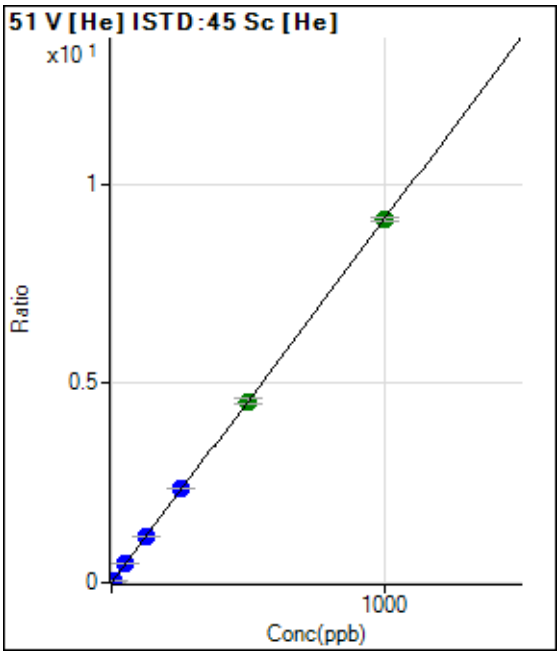



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 213.34 | 0.0000 | P | 18.6 |
| 2 | ☐ | 5.000 | 4.279 | 6562.58 | 0.0014 | P | 2.3 |
| 3 | ☐ | 500.000 | 511.600 | 762253.45 | 0.1597 | P | 1.7 |
| 4 | ☐ | 1250.000 | 1254.476 | 1833938.98 | 0.3915 | A | 1.1 |
| 5 | ☐ | 2500.000 | 2532.643 | 3604301.34 | 0.7904 | A | 1.5 |
| 6 | ☐ | 5000.000 | 5017.276 | 6960327.47 | 1.5658 | A | 1.2 |
| 7 | ☐ | 10000.000 | 9982.062 | 13861493.96 | 3.1152 | A | 0.8 |
| 8 | ☐ | | | 1922.36 | 0.0004 | P | 7.5 |

y = 3.1208E-004 * x + 4.4580E-005
R = 1.0000
DL = 0.07953
BEC = 0.1429

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 31.11 | 0.0001 | P | 41.5 |
| 2 | ☐ | 5.000 | 4.887 | 18281.17 | 0.0447 | P | 1.4 |
| 3 | ☐ | 50.000 | 51.882 | 195837.98 | 0.4736 | P | 1.3 |
| 4 | ☐ | 125.000 | 128.357 | 477536.59 | 1.1717 | P | 0.6 |
| 5 | ☐ | 250.000 | 257.331 | 947198.33 | 2.3489 | P | 0.4 |
| 6 | ☐ | 500.000 | 499.510 | 1843265.54 | 4.5594 | A | 2.7 |
| 7 | ☐ | 1000.000 | 997.899 | 3629549.43 | 9.1085 | A | 1.2 |
| 8 | ☐ | | | 827.81 | 0.0020 | P | 5.4 |

y = 0.0091 * x + 7.7698E-005
R = 1.0000
DL = 0.01059
BEC = 0.008512

Weight: <None>
Min Conc: 0

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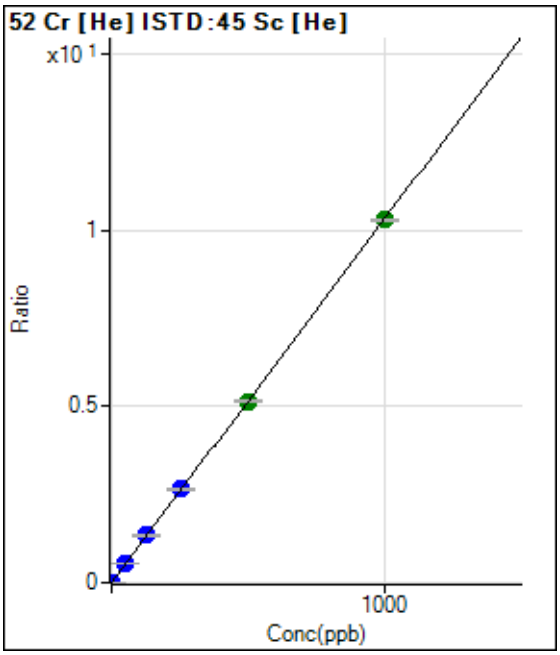
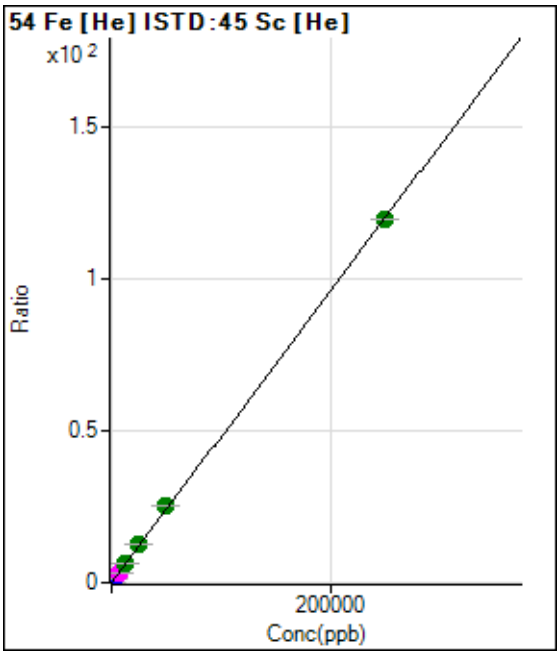



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 580.02 | 0.0015 | P | 3.5 |
| 2 | ☐ | 2.000 | 1.922 | 8714.80 | 0.0213 | P | 0.7 |
| 3 | ☐ | 50.000 | 52.202 | 223472.91 | 0.5404 | P | 1.1 |
| 4 | ☐ | 125.000 | 129.511 | 545604.09 | 1.3387 | P | 0.5 |
| 5 | ☐ | 250.000 | 256.913 | 1070275.45 | 2.6541 | P | 0.4 |
| 6 | ☐ | 500.000 | 499.668 | 2086512.69 | 5.1605 | A | 2.0 |
| 7 | ☐ | 1000.000 | 997.764 | 4105796.36 | 10.3034 | A | 0.5 |
| 8 | ☐ | | | 13394.23 | 0.0328 | P | 0.1 |

y = 0.0103 * x + 0.0015
R = 1.0000
DL = 0.01464
BEC = 0.1407

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1973.48 | 0.0050 | P | 11.4 |
| 2 | ☐ | 50.000 | 53.303 | 12475.24 | 0.0305 | P | 0.6 |
| 3 | ☐ | 2500.000 | 2795.015 | 555573.46 | 1.3436 | P | 0.5 |
| 4 | ☐ | 6250.000 | 6887.947 | 1346526.53 | 3.3038 | M | 2.6 |
| 5 | ☐ | 12500.000 | 13508.267 | 2610809.37 | 6.4746 | A | 0.9 |
| 6 | ☐ | 25000.000 | 26277.616 | 5090447.22 | 12.5903 | A | 2.0 |
| 7 | ☐ | 50000.000 | 52611.807 | 10043115.33 | 25.2026 | A | 0.8 |
| 8 | ☐ | 250000.00 | 249280.56 | 48765413.72 | 119.3944 | A | 0.1 |

y = 4.7894E-004 * x + 0.0050
R = 0.9999
DL = 3.556
BEC = 10.36

Weight: <None>
Min Conc: 0

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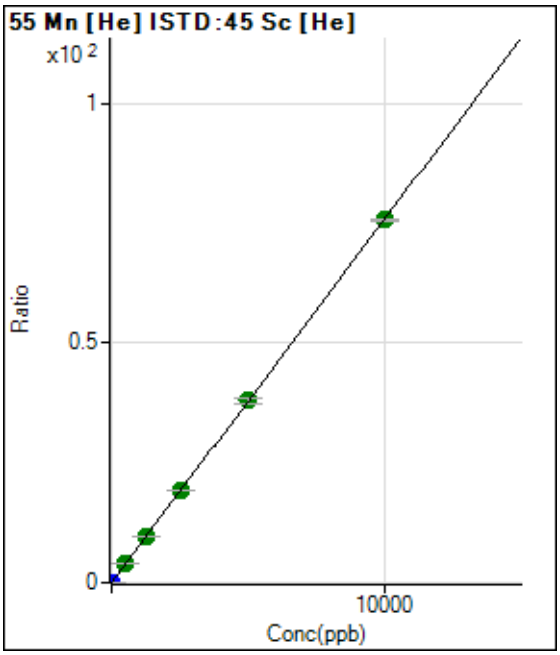
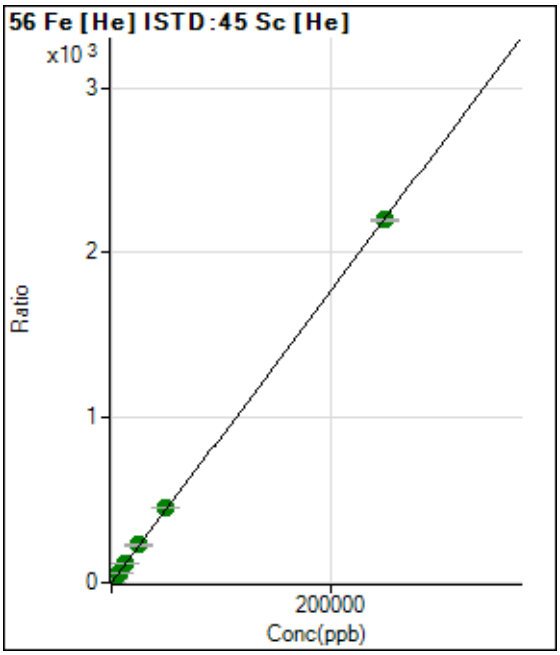



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 434.45 | 0.0011 | P | 10.8 |
| 2 | ☐ | 1.000 | 0.975 | 3472.66 | 0.0085 | P | 3.4 |
| 3 | ☐ | 500.000 | 515.910 | 1618864.94 | 3.9155 | A | 3.0 |
| 4 | ☐ | 1250.000 | 1269.299 | 3925596.61 | 9.6317 | A | 0.5 |
| 5 | ☐ | 2500.000 | 2540.541 | 7773493.36 | 19.2771 | A | 1.0 |
| 6 | ☐ | 5000.000 | 5002.724 | 15346379.08 | 37.9586 | A | 2.4 |
| 7 | ☐ | 10000.000 | 9985.295 | 30190555.38 | 75.7631 | A | 0.8 |
| 8 | ☐ | | | 14671.01 | 0.0359 | P | 4.7 |

y = 0.0076 * x + 0.0011
R = 1.0000
DL = 0.04664
BEC = 0.1435

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18230.01 | 0.0458 | P | 5.1 |
| 2 | ☐ | 50.000 | 51.154 | 203048.51 | 0.4963 | P | 1.0 |
| 3 | ☐ | 2500.000 | 2658.663 | 9701116.31 | 23.4618 | A | 0.9 |
| 4 | ☐ | 6250.000 | 6577.142 | 23628441.04 | 57.9737 | A | 0.3 |
| 5 | ☐ | 12500.000 | 13098.666 | 46539750.42 | 115.4118 | A | 0.2 |
| 6 | ☐ | 25000.000 | 25812.266 | 91934679.74 | 227.3863 | A | 2.1 |
| 7 | ☐ | 50000.000 | 51465.053 | 180643697.3 | 453.3223 | A | 0.8 |
| 8 | ☐ | 250000.00 | 249586.06 | 897853995.5 | 2,198.265 | A | 0.7 |

y = 0.0088 * x + 0.0458
R = 1.0000
DL = 0.8018
BEC = 5.196

Weight: <None>
Min Conc: 0

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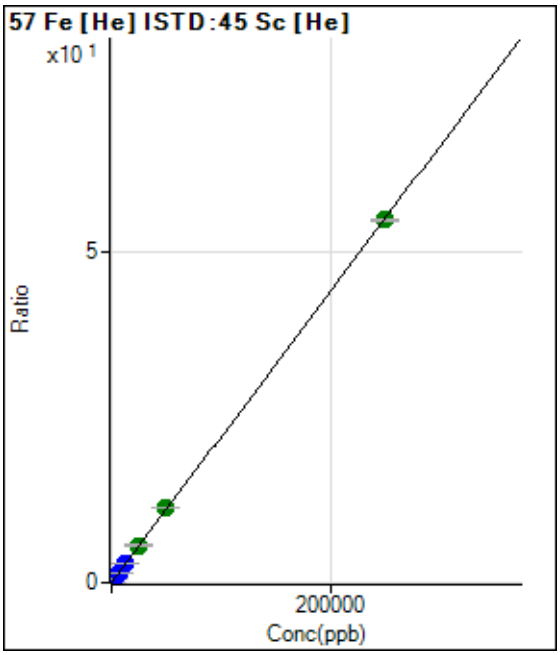
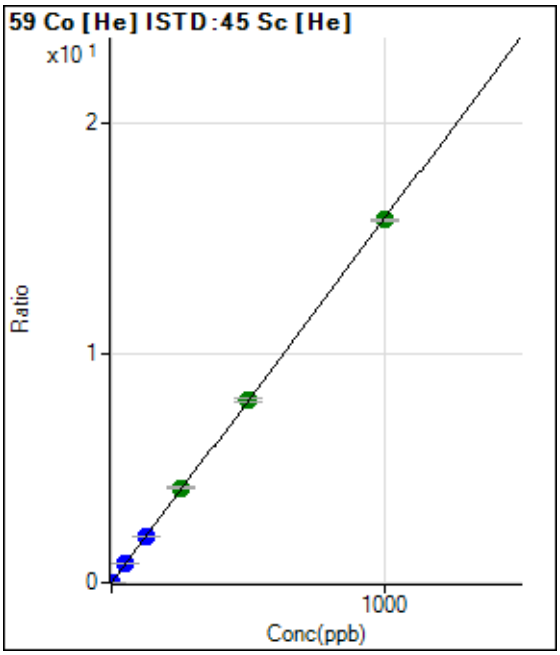



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1466.75 | 0.0037 | P | 3.9 |
| 2 | ☐ | 50.000 | 51.424 | 6137.98 | 0.0150 | P | 1.0 |
| 3 | ☐ | 2500.000 | 2749.160 | 251823.36 | 0.6090 | P | 1.2 |
| 4 | ☐ | 6250.000 | 6809.364 | 612606.00 | 1.5031 | P | 0.6 |
| 5 | ☐ | 12500.000 | 13584.489 | 1207691.73 | 2.9949 | P | 0.5 |
| 6 | ☐ | 25000.000 | 25731.790 | 2292402.29 | 5.6697 | A | 1.9 |
| 7 | ☐ | 50000.000 | 51342.265 | 4506647.16 | 11.3090 | A | 0.5 |
| 8 | ☐ | 250000.00 | 249587.66 | 22448500.50 | 54.9618 | A | 0.7 |

y = 2.2020E-004 * x + 0.0037
R = 1.0000
DL = 1.967
BEC = 16.71

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 120.00 | 0.0003 | P | 3.7 |
| 2 | ☐ | 1.000 | 0.991 | 6560.38 | 0.0160 | P | 1.0 |
| 3 | ☐ | 50.000 | 51.180 | 336022.48 | 0.8126 | P | 1.0 |
| 4 | ☐ | 125.000 | 127.698 | 826153.95 | 2.0270 | P | 0.7 |
| 5 | ☐ | 250.000 | 260.298 | 1665983.15 | 4.1315 | A | 1.1 |
| 6 | ☐ | 500.000 | 501.001 | 3214706.96 | 7.9517 | A | 2.8 |
| 7 | ☐ | 1000.000 | 996.529 | 6302653.38 | 15.8163 | A | 0.6 |
| 8 | ☐ | | | 16941.89 | 0.0415 | P | 1.1 |

y = 0.0159 * x + 3.0094E-004
R = 0.9999
DL = 0.002124
BEC = 0.01896

Weight: <None>
Min Conc: 0

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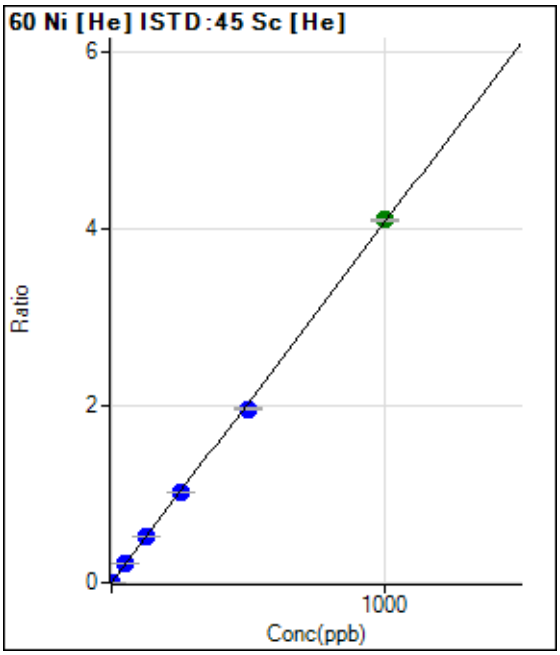
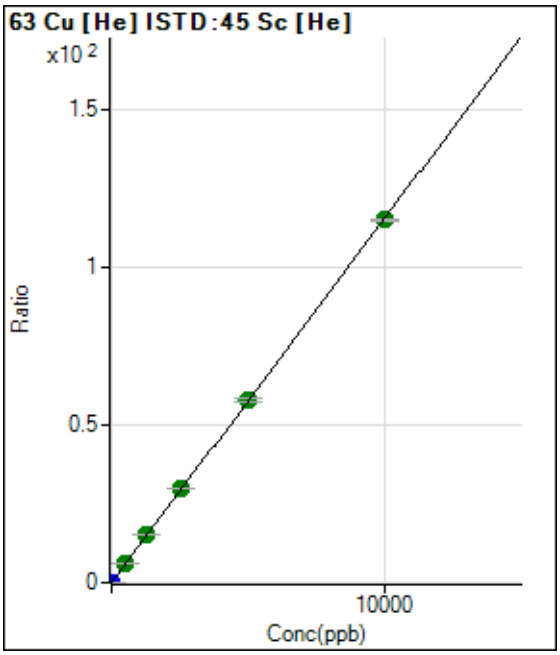



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 78.89 | 0.0002 | P | 9.6 |
| 2 | ☐ | 1.000 | 0.960 | 1677.89 | 0.0041 | P | 7.2 |
| 3 | ☐ | 50.000 | 51.064 | 85900.80 | 0.2077 | P | 0.3 |
| 4 | ☐ | 125.000 | 126.917 | 210320.34 | 0.5160 | P | 0.8 |
| 5 | ☐ | 250.000 | 251.600 | 412440.95 | 1.0228 | P | 0.4 |
| 6 | ☐ | 500.000 | 482.721 | 793354.34 | 1.9622 | P | 1.8 |
| 7 | ☐ | 1000.000 | 1007.947 | 1632571.61 | 4.0969 | A | 0.5 |
| 8 | ☐ | | | 5764.49 | 0.0141 | P | 2.0 |

y = 0.0041 * x + 1.9809E-004
R = 0.9998
DL = 0.01405
BEC = 0.04874

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1297.85 | 0.0033 | P | 6.2 |
| 2 | ☐ | 2.000 | 1.833 | 9976.73 | 0.0244 | P | 0.3 |
| 3 | ☐ | 500.000 | 532.975 | 2540860.57 | 6.1448 | A | 0.6 |
| 4 | ☐ | 1250.000 | 1310.739 | 6157153.73 | 15.1072 | A | 1.3 |
| 5 | ☐ | 2500.000 | 2593.260 | 12051686.91 | 29.8859 | A | 0.5 |
| 6 | ☐ | 5000.000 | 5003.125 | 23311418.26 | 57.6553 | A | 1.9 |
| 7 | ☐ | 10000.000 | 9965.881 | 45762969.32 | 114.8421 | A | 0.8 |
| 8 | ☐ | | | 9910.02 | 0.0243 | P | 1.2 |

y = 0.0115 * x + 0.0033
R = 0.9999
DL = 0.05272
BEC = 0.2827

Weight: <None>
Min Conc: 0

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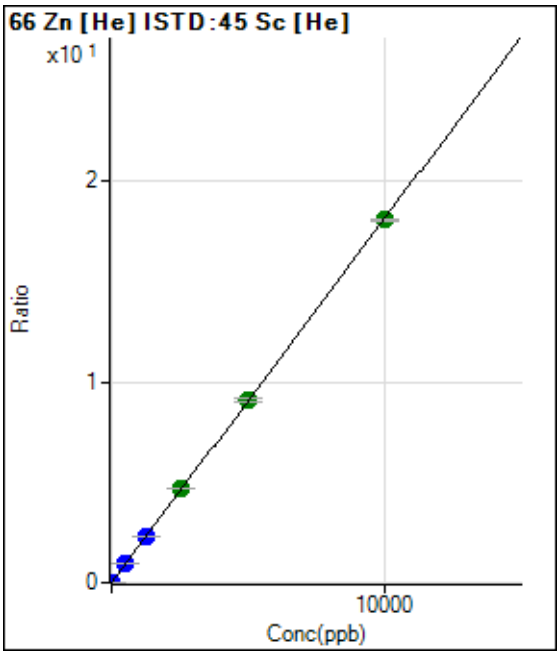
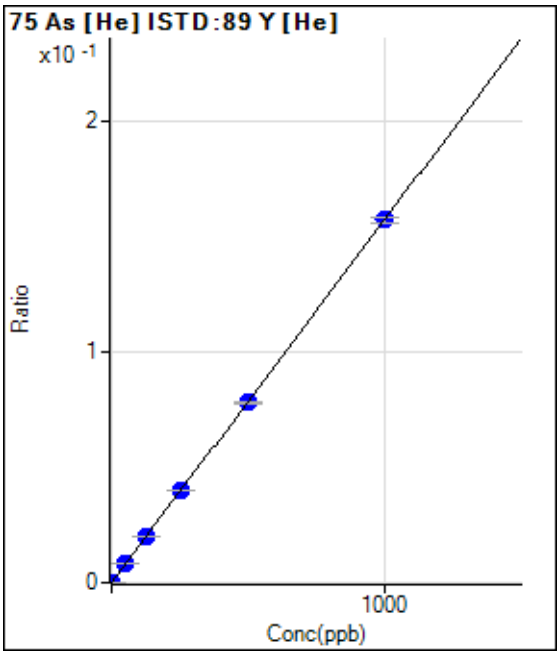



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 684.47 | 0.0017 | P | 12.5 |
| 2 | ☐ | 2.000 | 4.707 | 4196.19 | 0.0103 | P | 2.9 |
| 3 | ☐ | 500.000 | 509.795 | 383351.39 | 0.9271 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1265.610 | 937010.40 | 2.2990 | P | 0.5 |
| 5 | ☐ | 2500.000 | 2592.413 | 1898236.34 | 4.7074 | A | 0.3 |
| 6 | ☐ | 5000.000 | 5015.359 | 3681506.79 | 9.1054 | A | 1.9 |
| 7 | ☐ | 10000.000 | 9966.775 | 7210035.66 | 18.0930 | A | 0.2 |
| 8 | ☐ | | | 3221.49 | 0.0079 | P | 3.2 |

y = 0.0018 * x + 0.0017
R = 1.0000
DL = 0.3535
BEC = 0.9443

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 63.8 |
| 2 | ☐ | 1.000 | 0.952 | 494.46 | 0.0002 | P | 14.3 |
| 3 | ☐ | 50.000 | 52.091 | 26832.06 | 0.0082 | P | 2.7 |
| 4 | ☐ | 125.000 | 129.098 | 65692.15 | 0.0203 | P | 0.6 |
| 5 | ☐ | 250.000 | 255.161 | 130692.34 | 0.0401 | P | 1.0 |
| 6 | ☐ | 500.000 | 496.069 | 253613.08 | 0.0780 | P | 1.6 |
| 7 | ☐ | 1000.000 | 1000.058 | 501251.36 | 0.1572 | P | 1.6 |
| 8 | ☐ | | | 296.67 | 0.0001 | P | 13.0 |

y = 1.5722E-004 * x + 3.1313E-006
R = 1.0000
DL = 0.03811
BEC = 0.01992

Weight: <None>
Min Conc: 0

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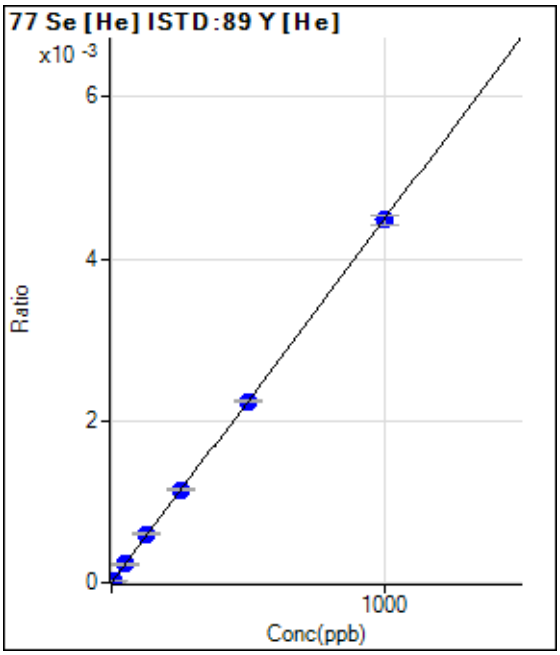
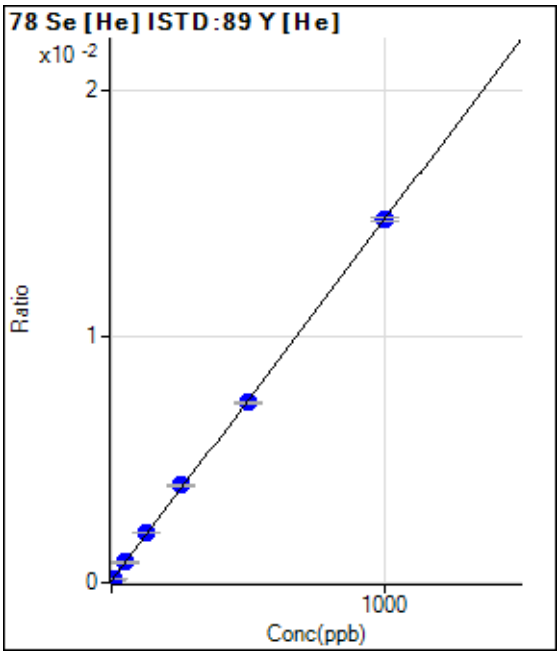



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 100. |
| 2 | ☐ | 5.000 | 4.824 | 73.33 | 0.0000 | P | 16.5 |
| 3 | ☐ | 50.000 | 51.549 | 761.14 | 0.0002 | P | 7.3 |
| 4 | ☐ | 125.000 | 133.347 | 1940.15 | 0.0006 | P | 4.8 |
| 5 | ☐ | 250.000 | 256.113 | 3749.40 | 0.0012 | P | 1.6 |
| 6 | ☐ | 500.000 | 498.697 | 7285.18 | 0.0022 | P | 1.0 |
| 7 | ☐ | 1000.000 | 998.003 | 14285.83 | 0.0045 | P | 2.8 |
| 8 | ☐ | | | 10.00 | 0.0000 | P | 0.7 |

y = 4.4897E-006 * x + 1.0040E-006
R = 1.0000
DL = 0.6744
BEC = 0.2236

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 255.56 | 0.0001 | P | 16.1 |
| 2 | ☐ | 5.000 | 5.614 | 527.80 | 0.0002 | P | 8.4 |
| 3 | ☐ | 50.000 | 51.773 | 2754.73 | 0.0008 | P | 6.0 |
| 4 | ☐ | 125.000 | 133.740 | 6621.54 | 0.0020 | P | 1.4 |
| 5 | ☐ | 250.000 | 263.428 | 12874.58 | 0.0040 | P | 1.7 |
| 6 | ☐ | 500.000 | 493.166 | 23830.34 | 0.0073 | P | 1.4 |
| 7 | ☐ | 1000.000 | 998.876 | 47059.96 | 0.0148 | P | 1.0 |
| 8 | ☐ | | | 242.23 | 0.0001 | P | 10.3 |

y = 1.4697E-005 * x + 8.0602E-005
R = 0.9998
DL = 2.649
BEC = 5.484

Weight: <None>
Min Conc: 0

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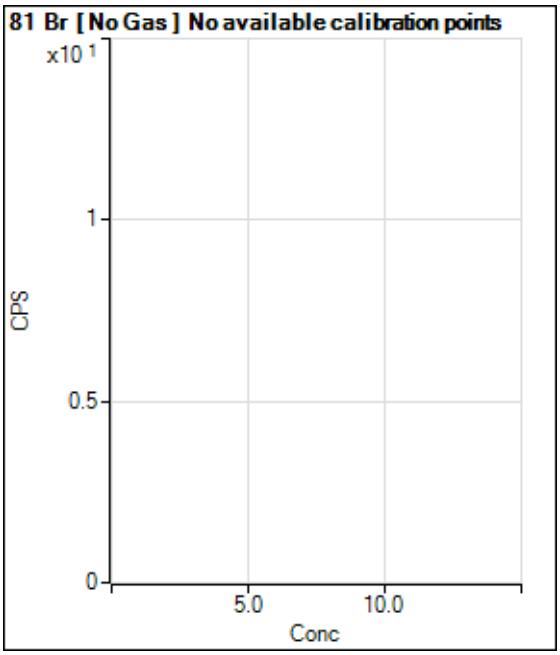
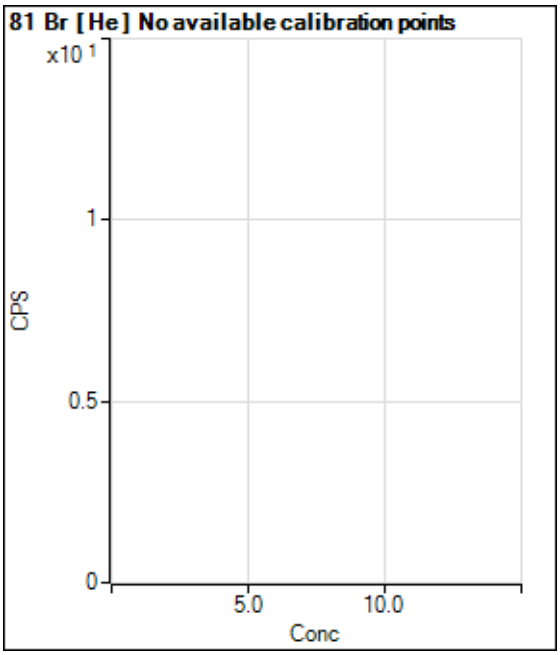



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 11954.92 | | P | 0.6 |
| 2 | ☐ | | | 11395.60 | | P | 0.1 |
| 3 | ☐ | | | 11183.20 | | P | 1.3 |
| 4 | ☐ | | | 10706.18 | | P | 3.4 |
| 5 | ☐ | | | 10572.76 | | P | 3.9 |
| 6 | ☐ | | | 10730.63 | | P | 2.1 |
| 7 | ☐ | | | 10668.38 | | P | 3.2 |
| 8 | ☐ | | | 11545.71 | | P | 0.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 60.00 | | P | 29.4 |
| 2 | ☐ | | | 65.56 | | P | 22.9 |
| 3 | ☐ | | | 48.89 | | P | 30.7 |
| 4 | ☐ | | | 38.89 | | P | 9.9 |
| 5 | ☐ | | | 42.22 | | P | 16.4 |
| 6 | ☐ | | | 64.44 | | P | 33.3 |
| 7 | ☐ | | | 65.55 | | P | 29.8 |
| 8 | ☐ | | | 65.56 | | P | 12.8 |

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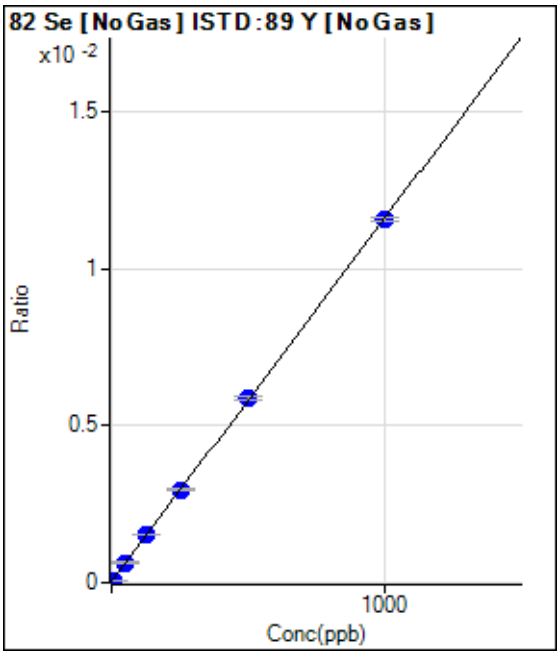



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 476.48 | 0.0000 | P | 6.9 |
| 2 | ☐ | 5.000 | 4.720 | 1221.18 | 0.0001 | P | 0.6 |
| 3 | ☐ | 50.000 | 52.555 | 8978.70 | 0.0006 | P | 0.9 |
| 4 | ☐ | 125.000 | 129.624 | 20908.01 | 0.0015 | P | 0.7 |
| 5 | ☐ | 250.000 | 253.860 | 40788.77 | 0.0030 | P | 1.2 |
| 6 | ☐ | 500.000 | 504.042 | 79947.37 | 0.0059 | P | 2.0 |
| 7 | ☐ | 1000.000 | 996.309 | 154738.43 | 0.0116 | P | 0.9 |
| 8 | ☐ | | | 609.08 | 0.0000 | P | 3.5 |

y = 1.1573E-005 * x + 3.4171E-005

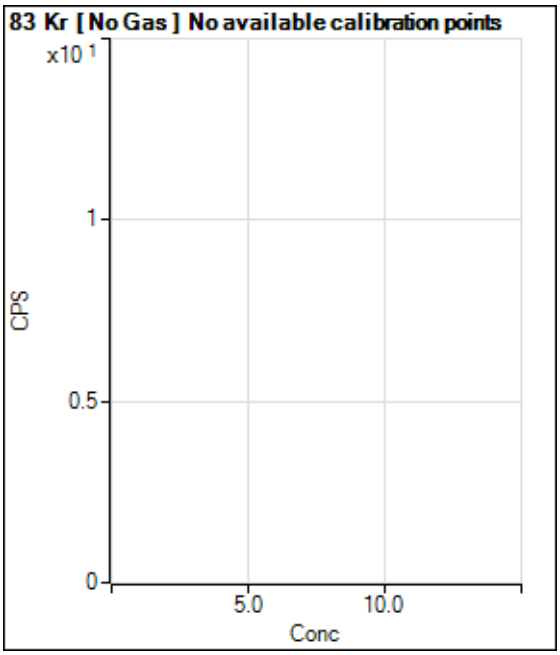
R = 1.0000

DL = 0.6132

BEC = 2.953

Weight: <None>

Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 195.56 | | P | 13.2 |
| 2 | ☐ | | | 178.89 | | P | 16.3 |
| 3 | ☐ | | | 201.11 | | P | 9.4 |
| 4 | ☐ | | | 200.00 | | P | 3.3 |
| 5 | ☐ | | | 198.89 | | P | 8.3 |
| 6 | ☐ | | | 216.67 | | P | 13.1 |
| 7 | ☐ | | | 186.67 | | P | 12.5 |
| 8 | ☐ | | | 233.33 | | P | 9.9 |

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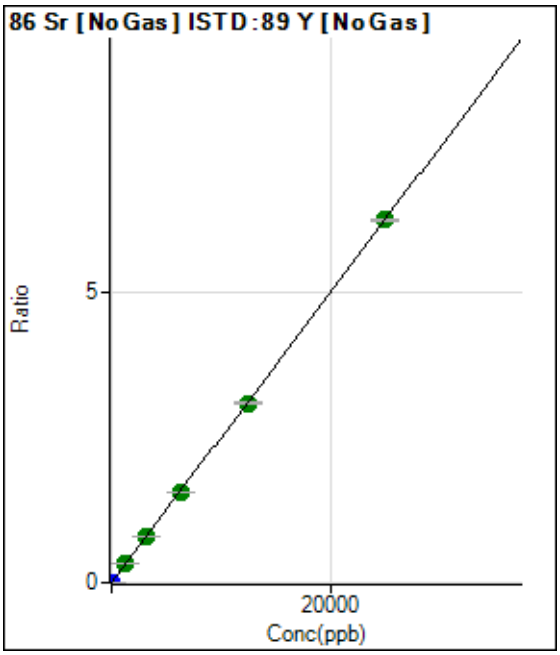
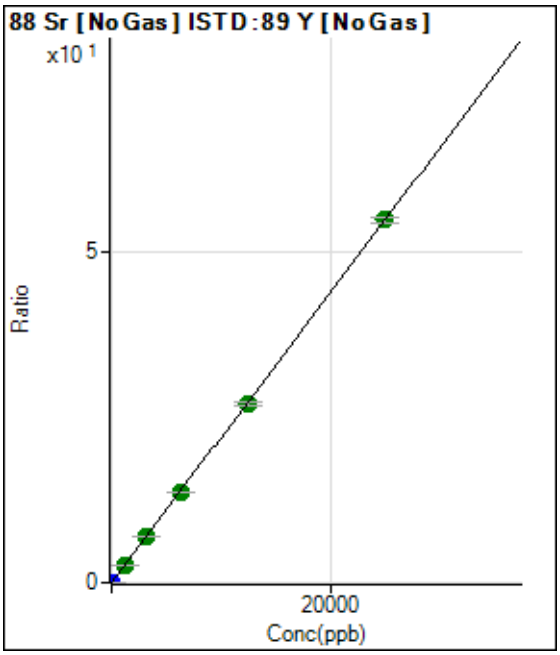



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 846.70 | 0.0001 | P | 1.9 |
| 2 | ☐ | 1.000 | 0.911 | 3966.14 | 0.0003 | P | 2.6 |
| 3 | ☐ | 1250.000 | 1268.176 | 4430165.59 | 0.3169 | A | 0.2 |
| 4 | ☐ | 3125.000 | 3177.397 | 10820305.39 | 0.7940 | A | 0.7 |
| 5 | ☐ | 6250.000 | 6263.986 | 21482327.60 | 1.5653 | A | 1.2 |
| 6 | ☐ | 12500.000 | 12402.859 | 42231512.71 | 3.0992 | A | 1.4 |
| 7 | ☐ | 25000.000 | 25037.616 | 83716045.98 | 6.2563 | A | 0.8 |
| 8 | ☐ | | | 13923.34 | 0.0011 | P | 1.0 |

y = 2.4987E-004 * x + 6.0708E-005
R = 1.0000
DL = 0.01383
BEC = 0.243

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5298.79 | 0.0004 | P | 7.2 |
| 2 | ☐ | 1.000 | 0.902 | 32456.92 | 0.0024 | P | 1.8 |
| 3 | ☐ | 1250.000 | 1254.684 | 38505516.65 | 2.7548 | A | 0.3 |
| 4 | ☐ | 3125.000 | 3163.051 | 94632879.70 | 6.9443 | A | 0.8 |
| 5 | ☐ | 6250.000 | 6243.637 | 188128201.6 | 13.7073 | A | 1.0 |
| 6 | ☐ | 12500.000 | 12391.236 | 370675461.1 | 27.2033 | A | 1.8 |
| 7 | ☐ | 25000.000 | 25050.982 | 735895517.9 | 54.9958 | A | 1.4 |
| 8 | ☐ | | | 121880.94 | 0.0094 | P | 1.4 |

y = 0.0022 * x + 3.7998E-004
R = 1.0000
DL = 0.03715
BEC = 0.1731

Weight: <None>
Min Conc: 0

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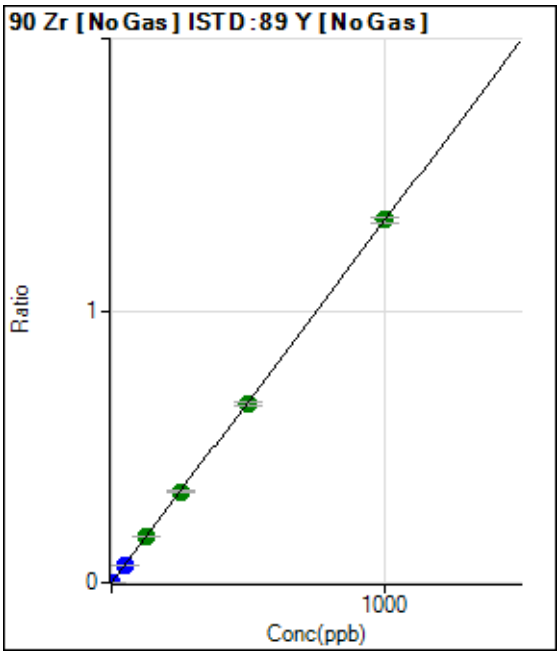
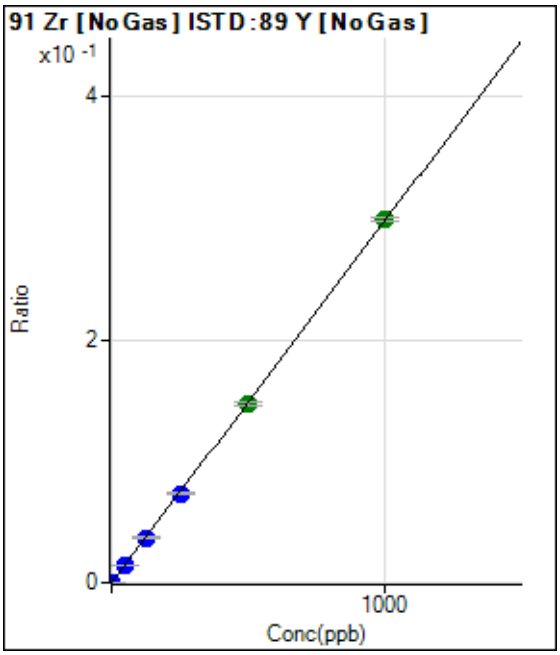



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 733.36 | 0.0001 | P | 4.5 |
| 2 | ☐ | 1.000 | 0.908 | 17341.48 | 0.0013 | P | 0.5 |
| 3 | ☐ | 50.000 | 49.046 | 913086.58 | 0.0653 | P | 0.7 |
| 4 | ☐ | 125.000 | 126.830 | 2300933.25 | 0.1688 | A | 1.6 |
| 5 | ☐ | 250.000 | 250.703 | 4579795.73 | 0.3337 | A | 1.6 |
| 6 | ☐ | 500.000 | 493.694 | 8953737.78 | 0.6571 | A | 1.6 |
| 7 | ☐ | 1000.000 | 1002.796 | 17858759.04 | 1.3346 | A | 1.4 |
| 8 | ☐ | | | 10119.17 | 0.0008 | P | 0.7 |

y = 0.0013 * x + 5.2580E-005
R = 1.0000
DL = 0.005293
BEC = 0.03951

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 148.89 | 0.0000 | P | 20.6 |
| 2 | ☐ | 1.000 | 0.900 | 3822.76 | 0.0003 | P | 4.4 |
| 3 | ☐ | 50.000 | 49.254 | 204655.19 | 0.0146 | P | 1.0 |
| 4 | ☐ | 125.000 | 124.631 | 504661.21 | 0.0370 | P | 1.3 |
| 5 | ☐ | 250.000 | 246.531 | 1005262.63 | 0.0732 | P | 0.9 |
| 6 | ☐ | 500.000 | 493.624 | 1998186.29 | 0.1466 | A | 2.2 |
| 7 | ☐ | 1000.000 | 1004.139 | 3991586.33 | 0.2983 | A | 1.0 |
| 8 | ☐ | | | 2337.98 | 0.0002 | P | 4.8 |

y = 2.9706E-004 * x + 1.0680E-005
R = 1.0000
DL = 0.02225
BEC = 0.03595

Weight: <None>
Min Conc: 0

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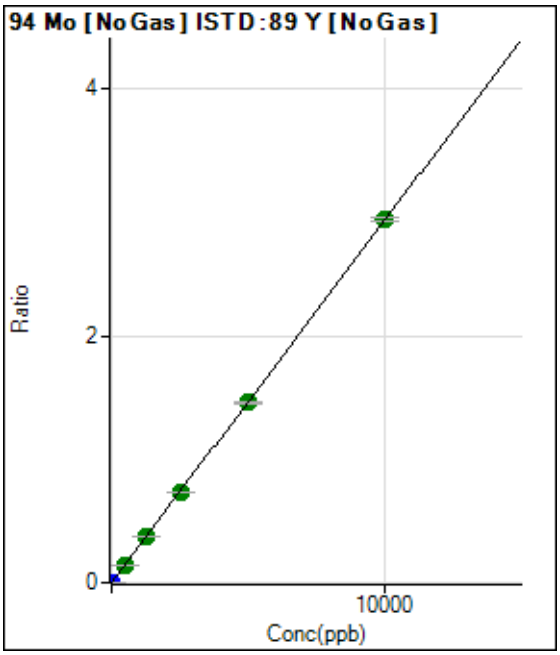
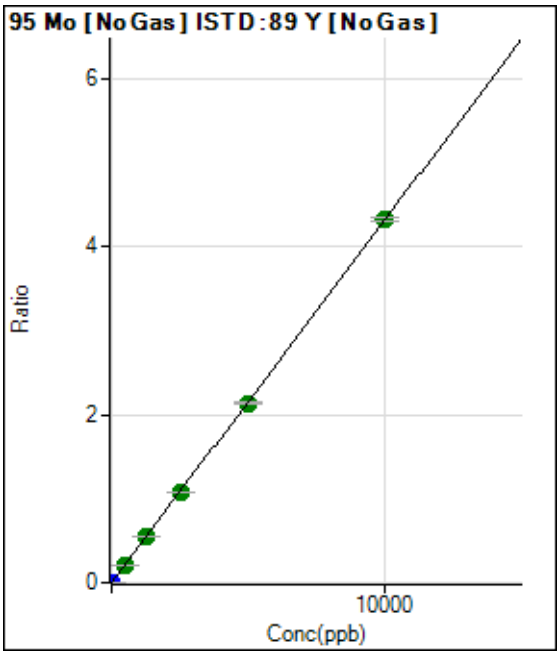



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 538.90 | 0.0000 | P | 6.7 |
| 2 | ☐ | 5.000 | 4.942 | 20475.48 | 0.0015 | P | 1.2 |
| 3 | ☐ | 500.000 | 499.801 | 2050526.53 | 0.1467 | A | 1.1 |
| 4 | ☐ | 1250.000 | 1260.855 | 5042652.22 | 0.3700 | A | 0.5 |
| 5 | ☐ | 2500.000 | 2481.182 | 9993645.20 | 0.7281 | A | 0.8 |
| 6 | ☐ | 5000.000 | 4968.170 | 19866764.84 | 1.4580 | A | 1.5 |
| 7 | ☐ | 10000.000 | 10019.273 | 39342842.19 | 2.9402 | A | 1.2 |
| 8 | ☐ | | | 9237.43 | 0.0007 | P | 1.5 |

y = 2.9345E-004 * x + 3.8643E-005
R = 1.0000
DL = 0.0264
BEC = 0.1317

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 481.13 | 0.0000 | P | 9.6 |
| 2 | ☐ | 5.000 | 4.066 | 24552.87 | 0.0018 | P | 1.1 |
| 3 | ☐ | 500.000 | 500.726 | 3014235.68 | 0.2156 | A | 0.2 |
| 4 | ☐ | 1250.000 | 1263.854 | 7416616.90 | 0.5443 | A | 0.9 |
| 5 | ☐ | 2500.000 | 2507.388 | 14818717.84 | 1.0797 | A | 1.0 |
| 6 | ☐ | 5000.000 | 4959.228 | 29099667.90 | 2.1355 | A | 1.5 |
| 7 | ☐ | 10000.000 | 10016.771 | 57715310.25 | 4.3133 | A | 1.0 |
| 8 | ☐ | | | 8644.84 | 0.0007 | P | 3.7 |

y = 4.3060E-004 * x + 3.4496E-005
R = 1.0000
DL = 0.02304
BEC = 0.08011

Weight: <None>
Min Conc: 0

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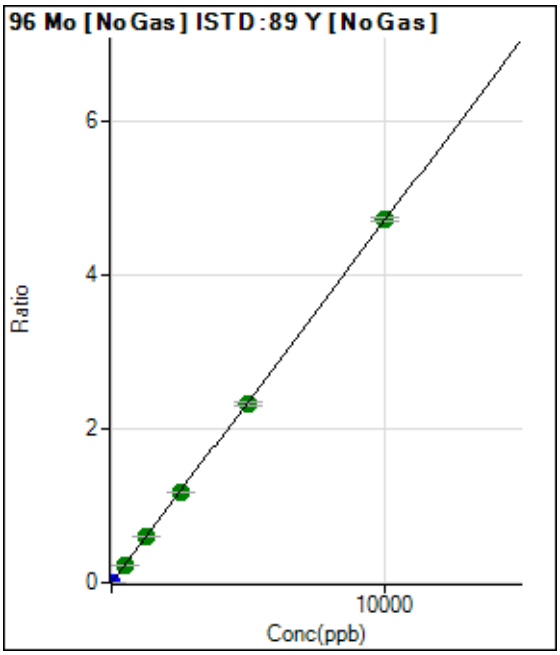
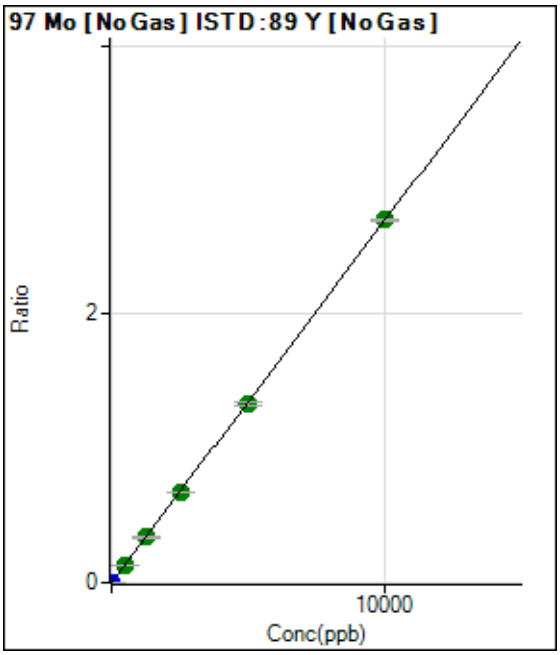



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 617.80 | 0.0000 | P | 5.8 |
| 2 | ☐ | 5.000 | 4.089 | 27045.09 | 0.0020 | P | 1.3 |
| 3 | ☐ | 500.000 | 497.728 | 3271053.74 | 0.2340 | A | 0.8 |
| 4 | ☐ | 1250.000 | 1258.491 | 8062351.06 | 0.5916 | A | 1.3 |
| 5 | ☐ | 2500.000 | 2491.788 | 16077162.40 | 1.1714 | A | 0.6 |
| 6 | ☐ | 5000.000 | 4946.103 | 31682430.08 | 2.3251 | A | 1.8 |
| 7 | ☐ | 10000.000 | 10028.054 | 63078596.28 | 4.7140 | A | 1.0 |
| 8 | ☐ | | | 21409.10 | 0.0016 | P | 3.4 |

y = 4.7008E-004 * x + 4.4289E-005
R = 1.0000
DL = 0.01642
BEC = 0.09422

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 304.45 | 0.0000 | P | 10.7 |
| 2 | ☐ | 5.000 | 4.088 | 15464.96 | 0.0011 | P | 0.9 |
| 3 | ☐ | 500.000 | 497.149 | 1874432.56 | 0.1341 | A | 1.2 |
| 4 | ☐ | 1250.000 | 1254.870 | 4612198.61 | 0.3385 | A | 1.3 |
| 5 | ☐ | 2500.000 | 2488.036 | 9209878.20 | 0.6710 | A | 0.6 |
| 6 | ☐ | 5000.000 | 4952.161 | 18198396.54 | 1.3356 | A | 2.4 |
| 7 | ☐ | 10000.000 | 10026.445 | 36184035.29 | 2.7041 | A | 0.7 |
| 8 | ☐ | | | 5478.84 | 0.0004 | P | 2.7 |

y = 2.6970E-004 * x + 2.1839E-005
R = 1.0000
DL = 0.02606
BEC = 0.08098

Weight: <None>
Min Conc: 0

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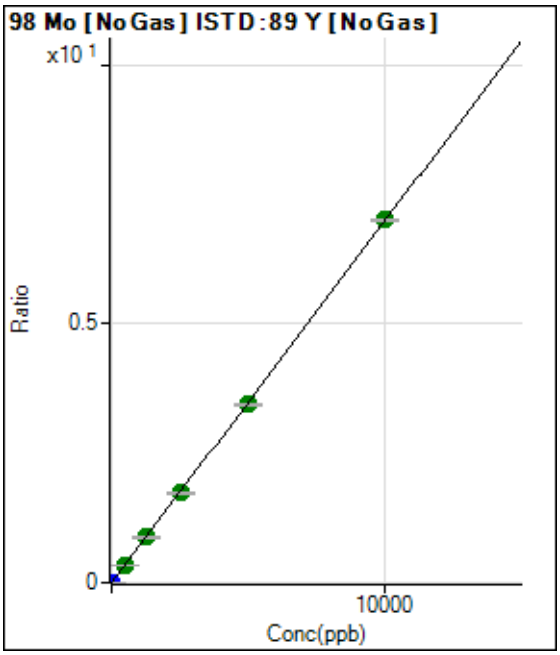
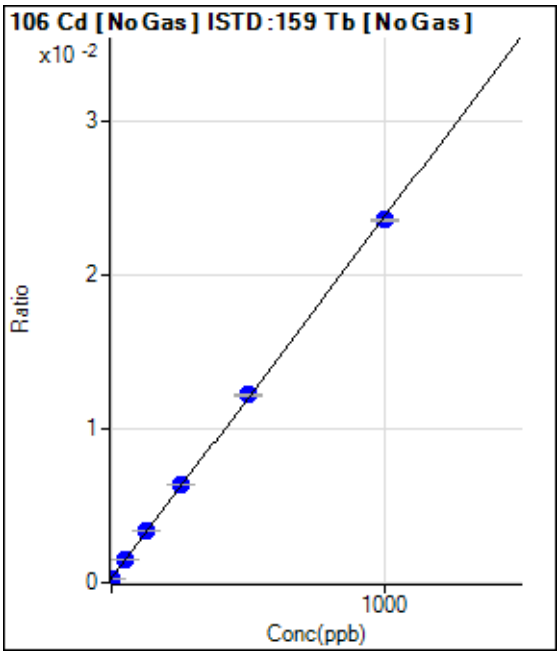



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 822.26 | 0.0001 | P | 4.6 |
| 2 | ☐ | 5.000 | 4.068 | 39808.62 | 0.0029 | P | 2.2 |
| 3 | ☐ | 500.000 | 494.039 | 4815441.32 | 0.3445 | A | 0.4 |
| 4 | ☐ | 1250.000 | 1253.976 | 11914562.18 | 0.8743 | A | 1.5 |
| 5 | ☐ | 2500.000 | 2480.819 | 23739032.98 | 1.7297 | A | 1.3 |
| 6 | ☐ | 5000.000 | 4924.866 | 46787383.75 | 3.4337 | A | 2.1 |
| 7 | ☐ | 10000.000 | 10042.164 | 93687794.16 | 7.0015 | A | 0.7 |
| 8 | ☐ | | | 12813.49 | 0.0010 | P | 2.2 |

y = 6.9721E-004 * x + 5.8946E-005
R = 1.0000
DL = 0.01174
BEC = 0.08455

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2997.00 | 0.0003 | P | 0.8 |
| 2 | ☐ | 1.000 | 1.001 | 3235.95 | 0.0003 | P | 2.5 |
| 3 | ☐ | 50.000 | 53.963 | 17082.33 | 0.0015 | P | 1.1 |
| 4 | ☐ | 125.000 | 132.782 | 37290.06 | 0.0034 | P | 0.7 |
| 5 | ☐ | 250.000 | 259.379 | 70820.37 | 0.0064 | P | 0.4 |
| 6 | ☐ | 500.000 | 508.666 | 137270.20 | 0.0122 | P | 0.8 |
| 7 | ☐ | 1000.000 | 992.152 | 265634.19 | 0.0236 | P | 0.8 |
| 8 | ☐ | | | 2906.99 | 0.0003 | P | 3.1 |

y = 2.3506E-005 * x + 2.7626E-004
R = 0.9999
DL = 0.2781
BEC = 11.75

Weight: <None>
Min Conc: 0

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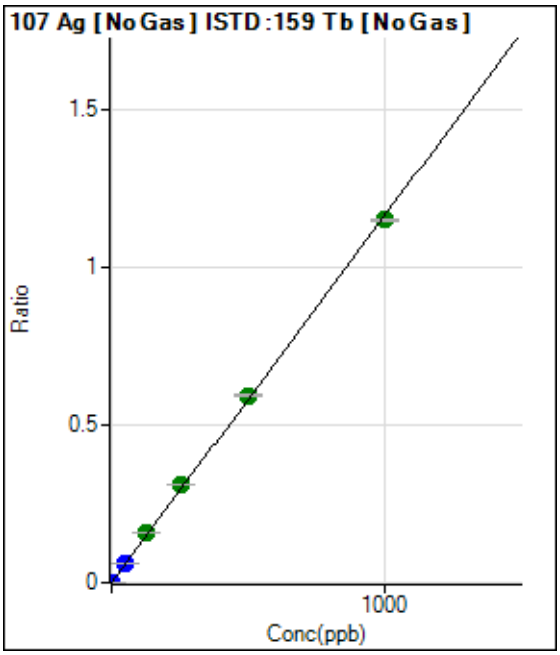
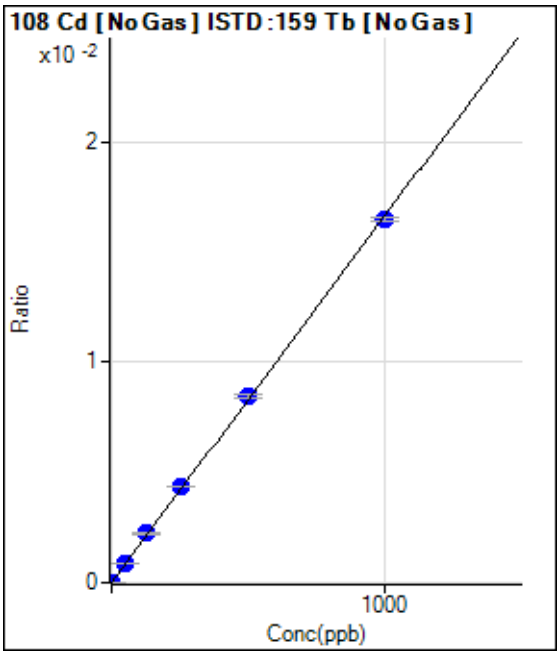



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 176.67 | 0.0000 | P | 9.6 |
| 2 | ☐ | 1.000 | 0.902 | 11483.52 | 0.0011 | P | 3.3 |
| 3 | ☐ | 50.000 | 51.880 | 666347.96 | 0.0603 | P | 2.3 |
| 4 | ☐ | 125.000 | 136.630 | 1741648.43 | 0.1587 | A | 1.5 |
| 5 | ☐ | 250.000 | 266.345 | 3437214.36 | 0.3093 | A | 0.7 |
| 6 | ☐ | 500.000 | 510.408 | 6650921.22 | 0.5927 | A | 1.0 |
| 7 | ☐ | 1000.000 | 989.162 | 12931168.70 | 1.1487 | A | 0.7 |
| 8 | ☐ | | | 1762.35 | 0.0002 | P | 14.6 |

y = 0.0012 * x + 1.6281E-005
R = 0.9997
DL = 0.004023
BEC = 0.01402

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.45 | 0.0000 | P | 86.6 |
| 2 | ☐ | 1.000 | 1.116 | 204.45 | 0.0000 | P | 13.3 |
| 3 | ☐ | 50.000 | 53.260 | 9797.84 | 0.0009 | P | 3.0 |
| 4 | ☐ | 125.000 | 133.940 | 24447.38 | 0.0022 | P | 2.3 |
| 5 | ☐ | 250.000 | 262.019 | 48417.11 | 0.0044 | P | 1.1 |
| 6 | ☐ | 500.000 | 510.795 | 95310.31 | 0.0085 | P | 1.7 |
| 7 | ☐ | 1000.000 | 990.317 | 185356.27 | 0.0165 | P | 1.1 |
| 8 | ☐ | | | 77.78 | 0.0000 | P | 30.5 |

y = 1.6628E-005 * x + 4.1075E-007
R = 0.9998
DL = 0.06418
BEC = 0.0247

Weight: <None>
Min Conc: 0

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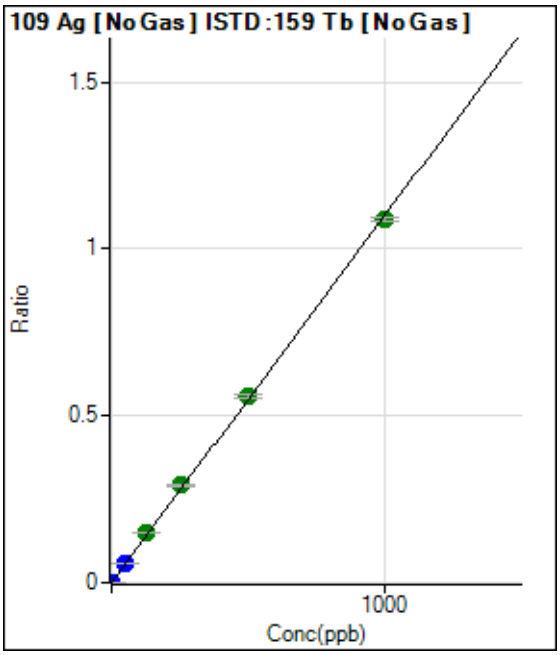
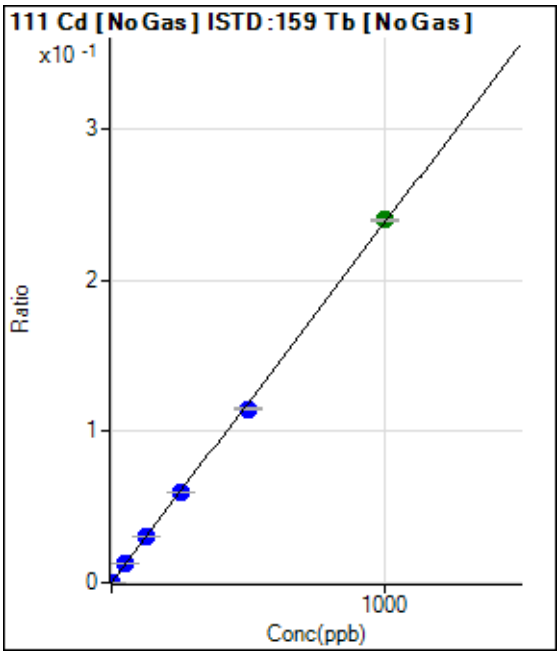



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 116.67 | 0.0000 | P | 6.9 |
| 2 | ☐ | 1.000 | 0.917 | 10988.70 | 0.0010 | P | 3.6 |
| 3 | ☐ | 50.000 | 51.662 | 627665.99 | 0.0568 | P | 1.6 |
| 4 | ☐ | 125.000 | 136.238 | 1642767.79 | 0.1497 | A | 1.2 |
| 5 | ☐ | 250.000 | 265.646 | 3242870.40 | 0.2918 | A | 0.9 |
| 6 | ☐ | 500.000 | 510.706 | 6294429.63 | 0.5610 | A | 1.9 |
| 7 | ☐ | 1000.000 | 989.248 | 12232934.26 | 1.0867 | A | 1.1 |
| 8 | ☐ | | | 1644.55 | 0.0002 | P | 10.5 |

y = 0.0011 * x + 1.0751E-005
R = 0.9997
DL = 0.002032
BEC = 0.009787

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2131.46 | 0.0002 | P | 0.8 |
| 2 | ☐ | 1.000 | 0.992 | 4664.52 | 0.0004 | P | 4.8 |
| 3 | ☐ | 50.000 | 51.037 | 136270.37 | 0.0123 | P | 1.4 |
| 4 | ☐ | 125.000 | 126.675 | 332531.06 | 0.0303 | P | 0.4 |
| 5 | ☐ | 250.000 | 249.211 | 660191.91 | 0.0594 | P | 0.9 |
| 6 | ☐ | 500.000 | 482.545 | 1288703.05 | 0.1149 | P | 1.0 |
| 7 | ☐ | 1000.000 | 1008.663 | 2700172.34 | 0.2399 | A | 0.6 |
| 8 | ☐ | | | 2420.46 | 0.0002 | P | 3.6 |

y = 2.3761E-004 * x + 1.9648E-004
R = 0.9998
DL = 0.01975
BEC = 0.8269

Weight: <None>
Min Conc: 0

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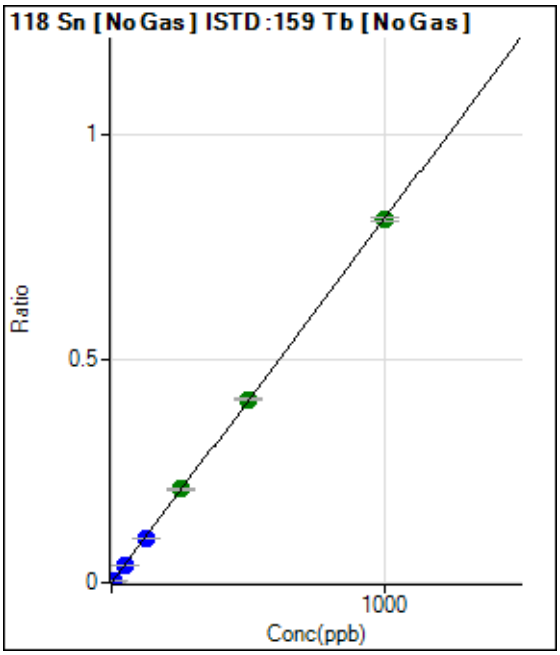
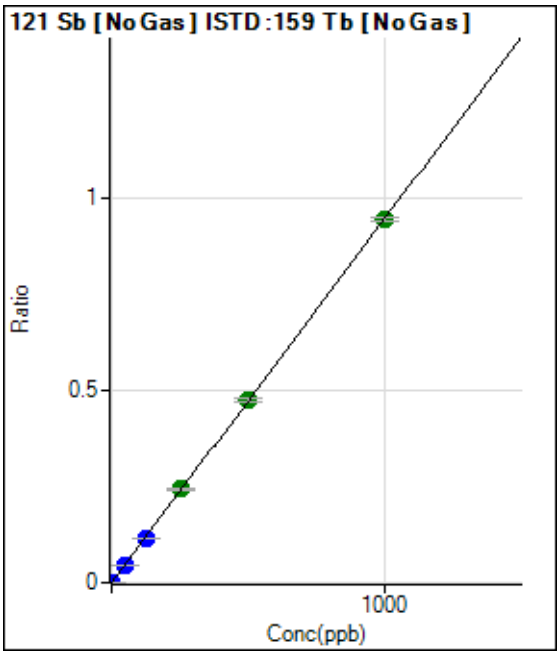



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1697.89 | 0.0002 | P | 2.5 |
| 2 | ☐ | 5.000 | 4.397 | 40263.90 | 0.0037 | P | 2.8 |
| 3 | ☐ | 50.000 | 49.219 | 444121.43 | 0.0402 | P | 1.7 |
| 4 | ☐ | 125.000 | 122.692 | 1096323.70 | 0.0999 | P | 1.4 |
| 5 | ☐ | 250.000 | 257.125 | 2324187.54 | 0.2092 | A | 1.8 |
| 6 | ☐ | 500.000 | 503.219 | 4591458.72 | 0.4092 | A | 0.7 |
| 7 | ☐ | 1000.000 | 996.940 | 9123377.57 | 0.8105 | A | 1.2 |
| 8 | ☐ | | | 4890.94 | 0.0005 | P | 4.2 |

y = 8.1285E-004 * x + 1.5652E-004
R = 1.0000
DL = 0.01449
BEC = 0.1926

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 180.00 | 0.0000 | P | 16.9 |
| 2 | ☐ | 2.000 | 1.836 | 18896.95 | 0.0018 | P | 4.1 |
| 3 | ☐ | 50.000 | 49.079 | 512799.86 | 0.0464 | P | 2.0 |
| 4 | ☐ | 125.000 | 122.482 | 1270006.65 | 0.1157 | P | 1.3 |
| 5 | ☐ | 250.000 | 257.416 | 2702100.69 | 0.2432 | A | 1.4 |
| 6 | ☐ | 500.000 | 502.052 | 5321227.38 | 0.4742 | A | 1.8 |
| 7 | ☐ | 1000.000 | 997.481 | 10606211.16 | 0.9422 | A | 1.2 |
| 8 | ☐ | | | 7041.80 | 0.0007 | P | 3.6 |

y = 9.4459E-004 * x + 1.6601E-005
R = 1.0000
DL = 0.008932
BEC = 0.01758

Weight: <None>
Min Conc: 0

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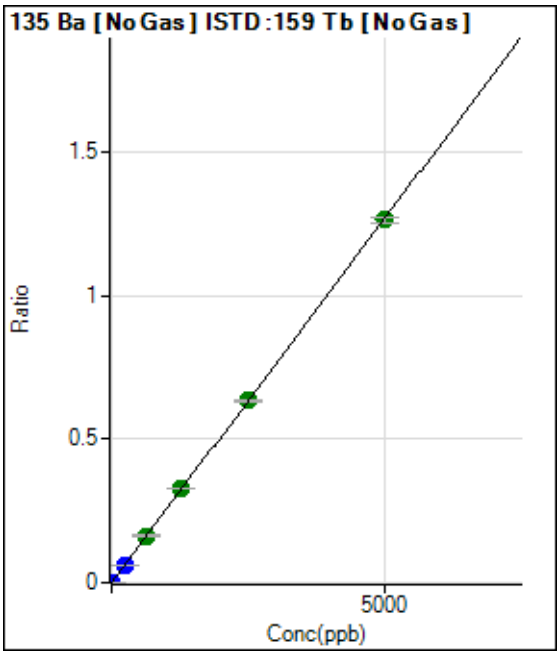
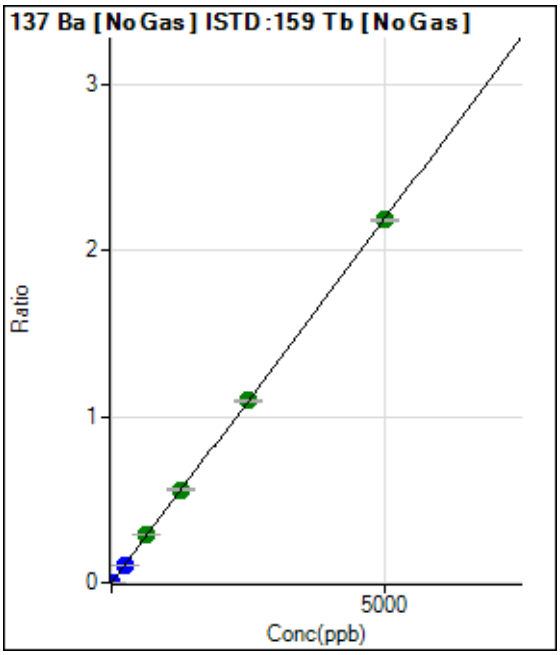



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 160.01 | 0.0000 | P | 18.6 |
| 2 | ☐ | 10.000 | 8.682 | 23907.91 | 0.0022 | P | 1.9 |
| 3 | ☐ | 250.000 | 238.404 | 668122.65 | 0.0604 | P | 2.0 |
| 4 | ☐ | 625.000 | 645.710 | 1795894.80 | 0.1636 | A | 1.8 |
| 5 | ☐ | 1250.000 | 1288.174 | 3627237.58 | 0.3264 | A | 0.7 |
| 6 | ☐ | 2500.000 | 2507.382 | 7129043.85 | 0.6354 | A | 1.0 |
| 7 | ☐ | 5000.000 | 4984.759 | 14217546.59 | 1.2631 | A | 1.6 |
| 8 | ☐ | | | 5221.01 | 0.0005 | P | 3.3 |

y = 2.5339E-004 * x + 1.4740E-005
R = 1.0000
DL = 0.03249
BEC = 0.05817

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 280.00 | 0.0000 | P | 11.5 |
| 2 | ☐ | 10.000 | 8.600 | 40947.67 | 0.0038 | P | 1.2 |
| 3 | ☐ | 250.000 | 239.799 | 1161822.70 | 0.1051 | P | 1.5 |
| 4 | ☐ | 625.000 | 651.444 | 3132391.24 | 0.2854 | A | 0.8 |
| 5 | ☐ | 1250.000 | 1280.189 | 6231734.21 | 0.5608 | A | 0.4 |
| 6 | ☐ | 2500.000 | 2501.257 | 12293933.71 | 1.0957 | A | 1.2 |
| 7 | ☐ | 5000.000 | 4989.031 | 24600942.69 | 2.1854 | A | 0.5 |
| 8 | ☐ | | | 9288.65 | 0.0009 | P | 2.1 |

y = 4.3804E-004 * x + 2.5820E-005
R = 1.0000
DL = 0.02026
BEC = 0.05895

Weight: <None>
Min Conc: 0

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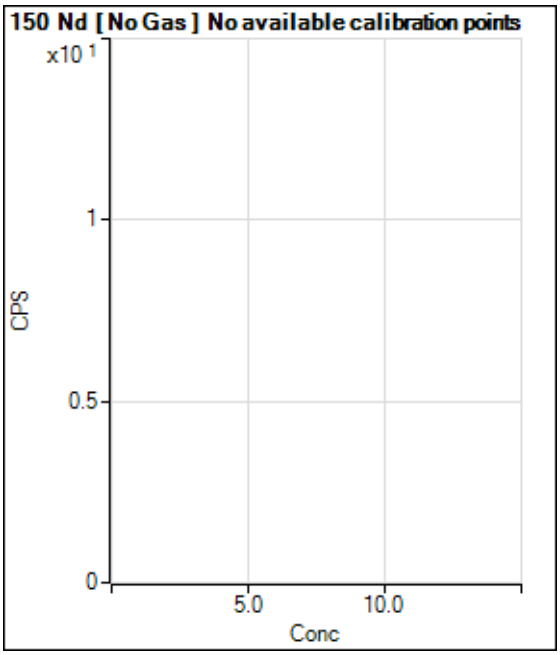
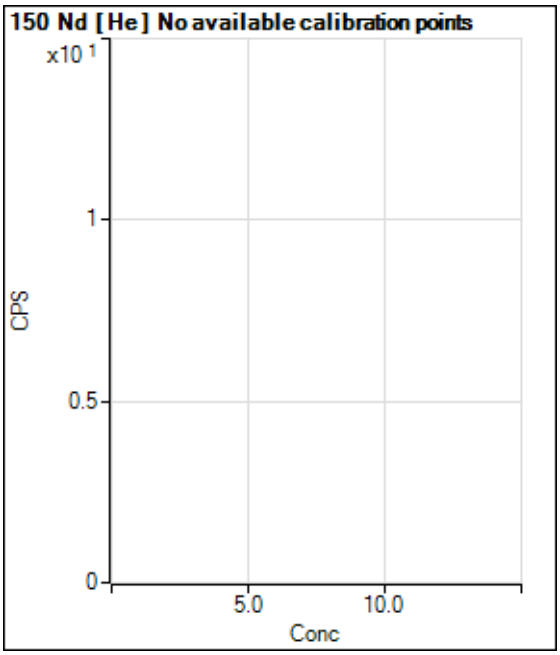



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.89 | | P | 94.4 |
| 2 | ☐ | | | 14.45 | | P | 48.0 |
| 3 | ☐ | | | 33.33 | | P | 20.0 |
| 4 | ☐ | | | 70.00 | | P | 12.6 |
| 5 | ☐ | | | 158.89 | | P | 21.0 |
| 6 | ☐ | | | 278.89 | | P | 10.8 |
| 7 | ☐ | | | 604.46 | | P | 4.8 |
| 8 | ☐ | | | 217.78 | | P | 4.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7.78 | | P | 107. |
| 2 | ☐ | | | 2.22 | | P | 86.6 |
| 3 | ☐ | | | 4.44 | | P | 114. |
| 4 | ☐ | | | 17.78 | | P | 21.7 |
| 5 | ☐ | | | 43.33 | | P | 15.4 |
| 6 | ☐ | | | 53.33 | | P | 41.0 |
| 7 | ☐ | | | 137.78 | | P | 12.4 |
| 8 | ☐ | | | 102.23 | | P | 5.0 |

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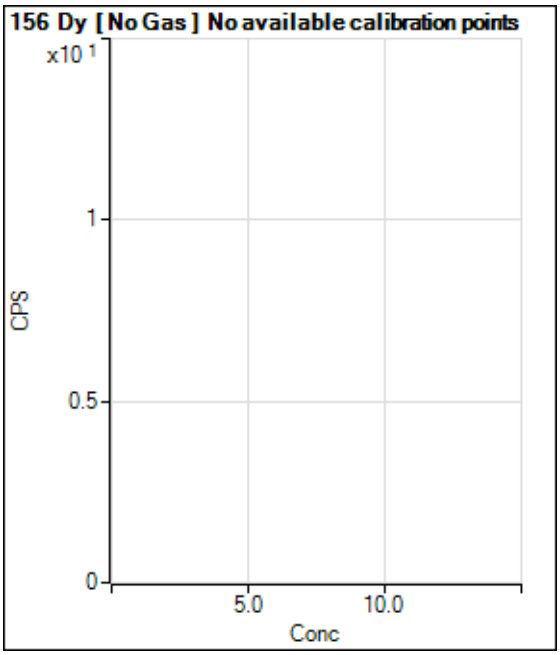
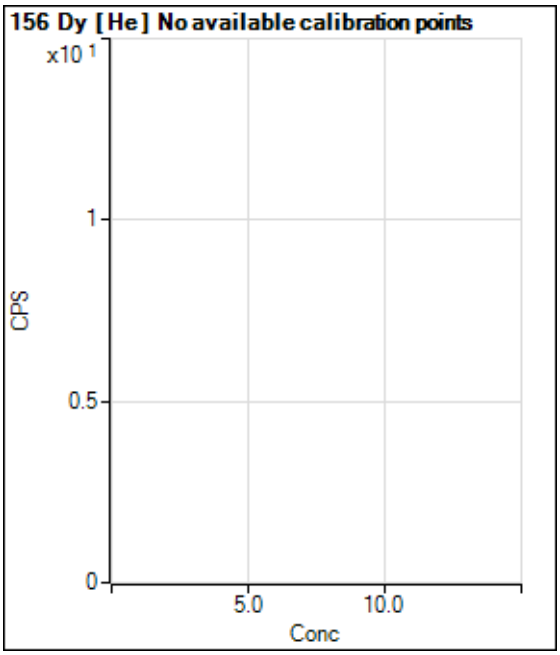



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 72.22 | | P | 16.2 |
| 2 | ☐ | | | 64.44 | | P | 13.0 |
| 3 | ☐ | | | 85.56 | | P | 2.3 |
| 4 | ☐ | | | 97.78 | | P | 8.6 |
| 5 | ☐ | | | 124.45 | | P | 24.3 |
| 6 | ☐ | | | 152.22 | | P | 8.8 |
| 7 | ☐ | | | 278.89 | | P | 3.4 |
| 8 | ☐ | | | 431.12 | | P | 10.8 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 40.00 | | P | 30.0 |
| 2 | ☐ | | | 28.89 | | P | 17.6 |
| 3 | ☐ | | | 64.44 | | P | 33.3 |
| 4 | ☐ | | | 87.78 | | P | 11.0 |
| 5 | ☐ | | | 146.67 | | P | 24.6 |
| 6 | ☐ | | | 257.78 | | P | 15.6 |
| 7 | ☐ | | | 587.80 | | P | 10.5 |
| 8 | ☐ | | | 311.12 | | P | 18.9 |

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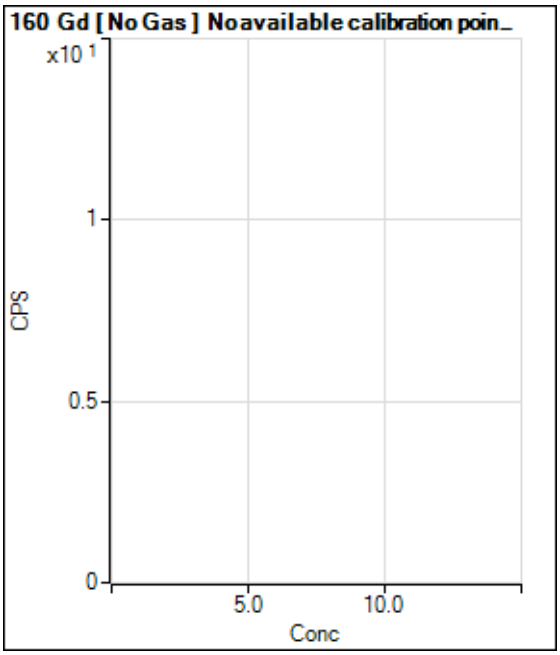
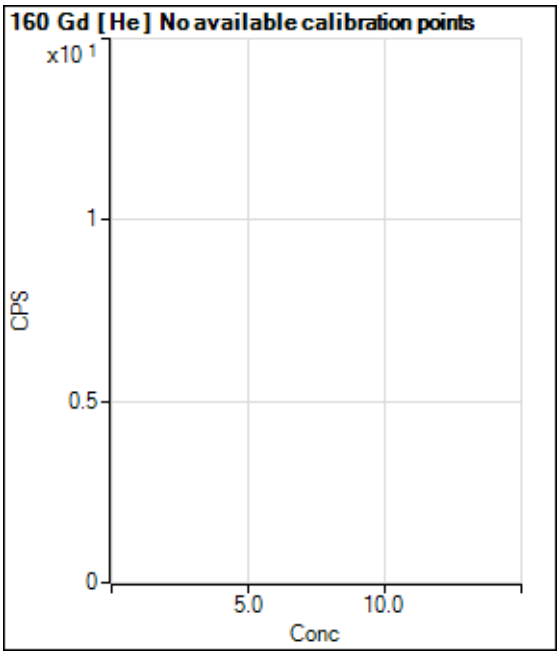
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 63.33 | | P | 37.9 |
| 2 | ☐ | | | 45.55 | | P | 29.6 |
| 3 | ☐ | | | 38.89 | | P | 21.6 |
| 4 | ☐ | | | 40.00 | | P | 16.7 |
| 5 | ☐ | | | 78.89 | | P | 35.2 |
| 6 | ☐ | | | 91.11 | | P | 12.8 |
| 7 | ☐ | | | 144.45 | | P | 17.6 |
| 8 | ☐ | | | 355.56 | | P | 3.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 233.34 | | P | 17.3 |
| 2 | ☐ | | | 248.89 | | P | 8.9 |
| 3 | ☐ | | | 260.01 | | P | 11.1 |
| 4 | ☐ | | | 264.45 | | P | 13.9 |
| 5 | ☐ | | | 284.45 | | P | 11.1 |
| 6 | ☐ | | | 286.67 | | P | 12.8 |
| 7 | ☐ | | | 325.56 | | P | 7.2 |
| 8 | ☐ | | | 480.01 | | P | 3.5 |

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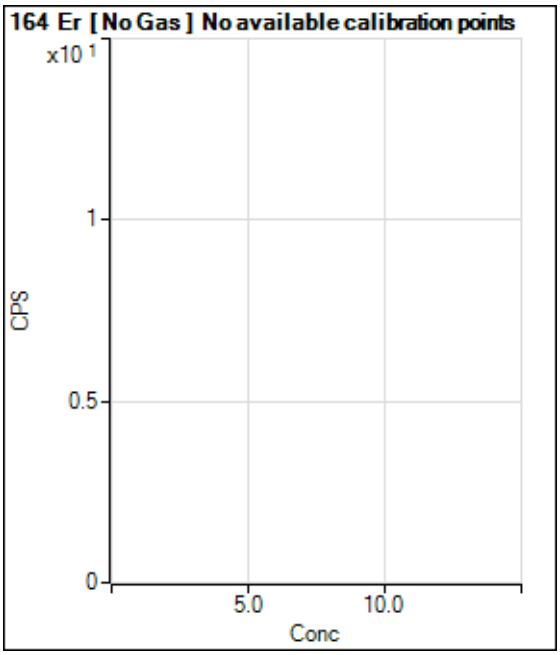
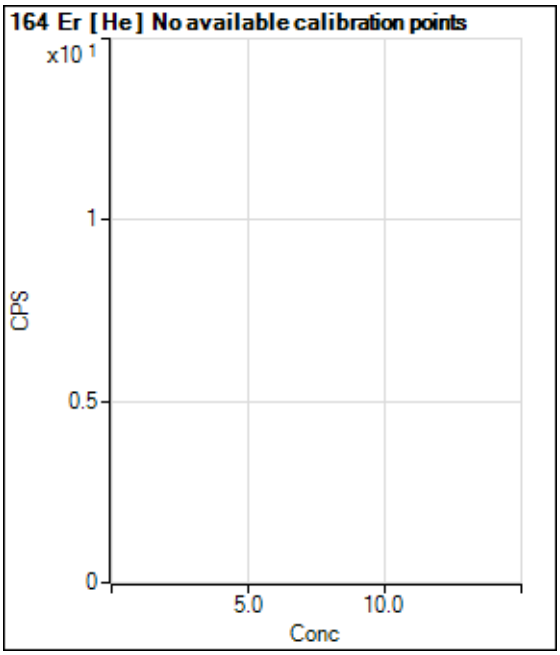



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 64.45 | | P | 10.8 |
| 2 | ☐ | | | 76.67 | | P | 26.1 |
| 3 | ☐ | | | 67.78 | | P | 19.9 |
| 4 | ☐ | | | 86.67 | | P | 24.0 |
| 5 | ☐ | | | 115.56 | | P | 19.6 |
| 6 | ☐ | | | 126.67 | | P | 9.1 |
| 7 | ☐ | | | 217.78 | | P | 0.9 |
| 8 | ☐ | | | 463.35 | | P | 15.8 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 37.78 | | P | 18.4 |
| 2 | ☐ | | | 45.56 | | P | 27.7 |
| 3 | ☐ | | | 53.33 | | P | 49.6 |
| 4 | ☐ | | | 58.89 | | P | 31.2 |
| 5 | ☐ | | | 56.67 | | P | 30.6 |
| 6 | ☐ | | | 76.67 | | P | 15.7 |
| 7 | ☐ | | | 131.11 | | P | 5.9 |
| 8 | ☐ | | | 256.67 | | P | 5.2 |

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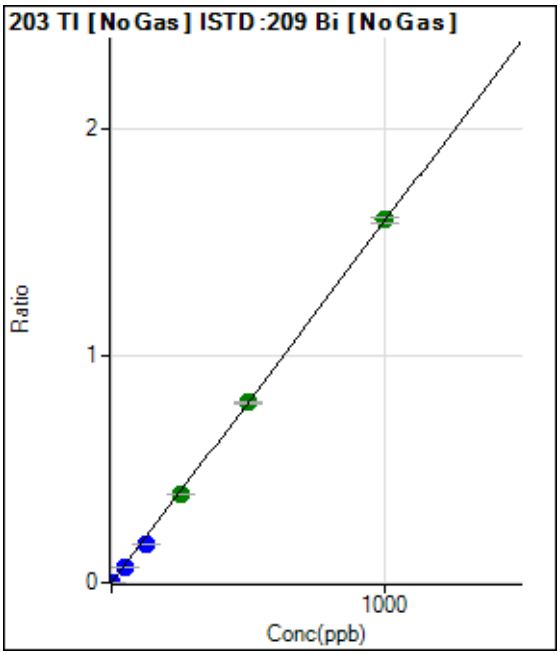
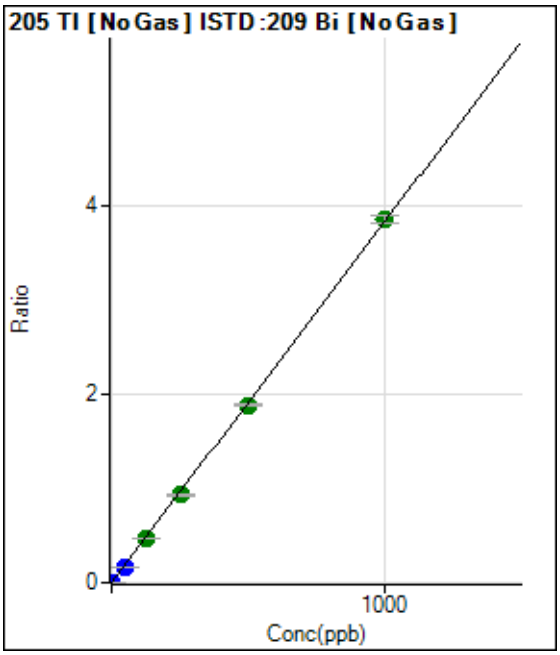
On:11/7/2024 3:50:57 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 224.45 | 0.0000 | P | 2.6 |
| 2 | ☐ | 1.000 | 0.758 | 8055.77 | 0.0012 | P | 2.8 |
| 3 | ☐ | 50.000 | 42.142 | 448686.60 | 0.0671 | P | 1.4 |
| 4 | ☐ | 125.000 | 105.821 | 1125384.97 | 0.1685 | P | 0.4 |
| 5 | ☐ | 250.000 | 245.870 | 2656991.19 | 0.3915 | A | 0.3 |
| 6 | ☐ | 500.000 | 498.344 | 5418887.25 | 0.7934 | A | 1.9 |
| 7 | ☐ | 1000.000 | 1004.651 | 10770002.34 | 1.5994 | A | 1.6 |
| 8 | ☐ | | | 1214.51 | 0.0002 | P | 6.2 |

y = 0.0016 * x + 3.3344E-005
R = 0.9998
DL = 0.001653
BEC = 0.02094

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 550.02 | 0.0001 | P | 12.2 |
| 2 | ☐ | 1.000 | 0.776 | 19828.94 | 0.0031 | P | 0.5 |
| 3 | ☐ | 50.000 | 41.690 | 1066417.18 | 0.1595 | P | 0.7 |
| 4 | ☐ | 125.000 | 122.500 | 3129713.04 | 0.4686 | A | 1.4 |
| 5 | ☐ | 250.000 | 243.162 | 6312484.00 | 0.9301 | A | 1.7 |
| 6 | ☐ | 500.000 | 492.933 | 12876812.45 | 1.8854 | A | 1.5 |
| 7 | ☐ | 1000.000 | 1005.971 | 25908021.28 | 3.8476 | A | 2.1 |
| 8 | ☐ | | | 3080.37 | 0.0005 | P | 5.3 |

y = 0.0038 * x + 8.1768E-005
R = 0.9999
DL = 0.007838
BEC = 0.02138

Weight: <None>
Min Conc: 0

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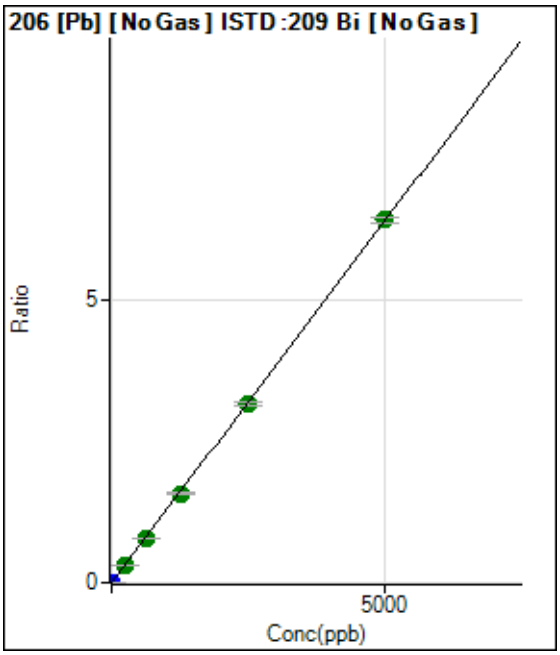
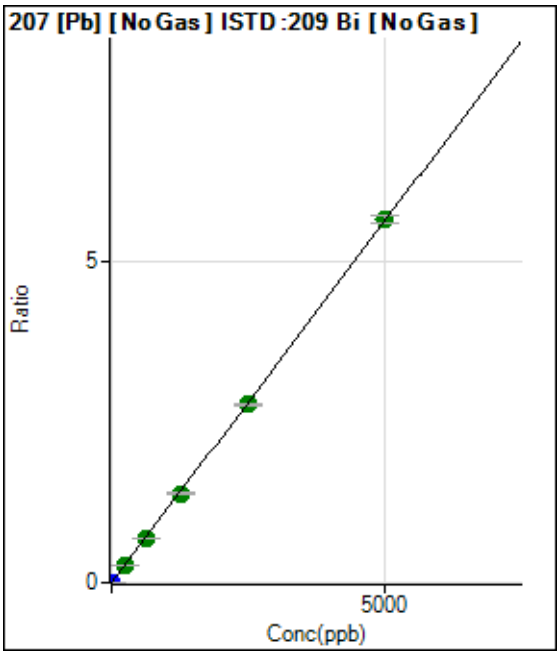



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1108.95 | 0.0002 | P | 6.0 |
| 2 | ☐ | 1.000 | 0.766 | 7413.21 | 0.0011 | P | 2.9 |
| 3 | ☐ | 250.000 | 242.590 | 2067404.78 | 0.3093 | A | 0.5 |
| 4 | ☐ | 625.000 | 616.131 | 5244489.71 | 0.7852 | A | 1.0 |
| 5 | ☐ | 1250.000 | 1233.270 | 10666180.74 | 1.5716 | A | 1.7 |
| 6 | ☐ | 2500.000 | 2472.262 | 21516107.88 | 3.1503 | A | 1.8 |
| 7 | ☐ | 5000.000 | 5019.531 | 43067997.97 | 6.3960 | A | 1.9 |
| 8 | ☐ | | | 7260.89 | 0.0012 | P | 1.5 |

y = 0.0013 * x + 1.6470E-004
R = 1.0000
DL = 0.02333
BEC = 0.1293

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 947.82 | 0.0001 | P | 6.5 |
| 2 | ☐ | 1.000 | 0.769 | 6554.98 | 0.0010 | P | 3.3 |
| 3 | ☐ | 250.000 | 243.904 | 1840046.97 | 0.2753 | A | 0.6 |
| 4 | ☐ | 625.000 | 613.789 | 4625111.53 | 0.6925 | A | 0.1 |
| 5 | ☐ | 1250.000 | 1236.043 | 9463573.06 | 1.3944 | A | 1.6 |
| 6 | ☐ | 2500.000 | 2466.097 | 18999883.47 | 2.7819 | A | 1.6 |
| 7 | ☐ | 5000.000 | 5022.147 | 38145065.82 | 5.6651 | A | 2.1 |
| 8 | ☐ | | | 6427.13 | 0.0011 | P | 3.2 |

y = 0.0011 * x + 1.4097E-004
R = 1.0000
DL = 0.0244
BEC = 0.125

Weight: <None>
Min Conc: 0

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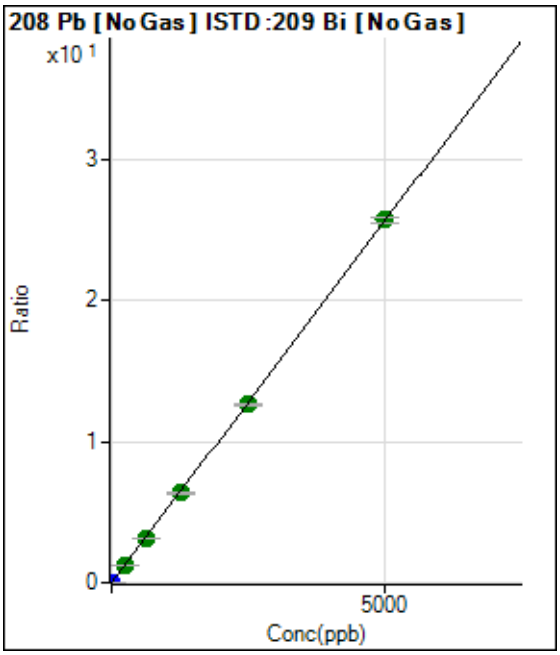
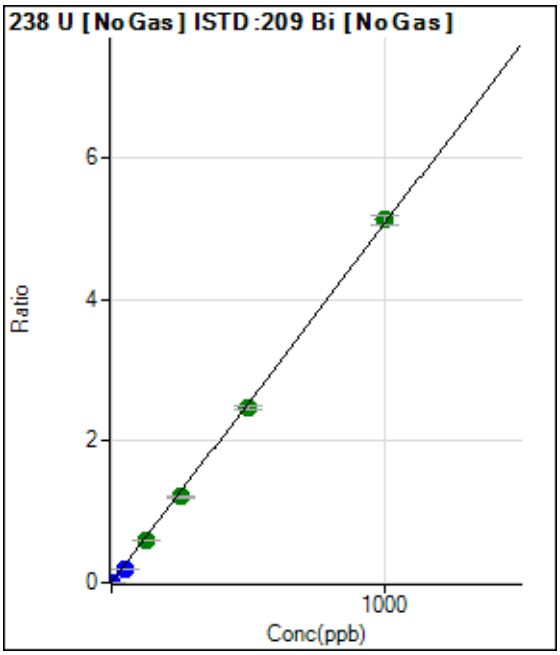



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4303.64 | 0.0006 | P | 2.0 |
| 2 | ☐ | 1.000 | 0.767 | 29696.29 | 0.0046 | P | 3.1 |
| 3 | ☐ | 250.000 | 243.552 | 8342806.09 | 1.2480 | A | 0.4 |
| 4 | ☐ | 625.000 | 613.556 | 20992659.41 | 3.1431 | A | 0.1 |
| 5 | ☐ | 1250.000 | 1240.561 | 43128208.18 | 6.3544 | A | 1.1 |
| 6 | ☐ | 2500.000 | 2466.112 | 86270647.33 | 12.6314 | A | 1.5 |
| 7 | ☐ | 5000.000 | 5021.056 | 173166563.5 | 25.7171 | A | 1.6 |
| 8 | ☐ | | | 29450.60 | 0.0050 | P | 1.5 |

y = 0.0051 * x + 6.3964E-004
R = 1.0000
DL = 0.007365
BEC = 0.1249

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 284.45 | 0.0000 | P | 17.8 |
| 2 | ☐ | 1.000 | 0.738 | 24557.13 | 0.0038 | P | 1.0 |
| 3 | ☐ | 50.000 | 39.782 | 1346852.40 | 0.2015 | P | 1.1 |
| 4 | ☐ | 125.000 | 117.557 | 3975939.18 | 0.5953 | A | 1.3 |
| 5 | ☐ | 250.000 | 239.041 | 8215013.21 | 1.2104 | A | 2.6 |
| 6 | ☐ | 500.000 | 486.411 | 16822230.17 | 2.4630 | A | 2.3 |
| 7 | ☐ | 1000.000 | 1010.976 | 34472178.93 | 5.1192 | A | 2.7 |
| 8 | ☐ | | | 1917.94 | 0.0003 | P | 4.1 |

y = 0.0051 * x + 4.2199E-005
R = 0.9998
DL = 0.004459
BEC = 0.008334

Weight: <None>
Min Conc: 0

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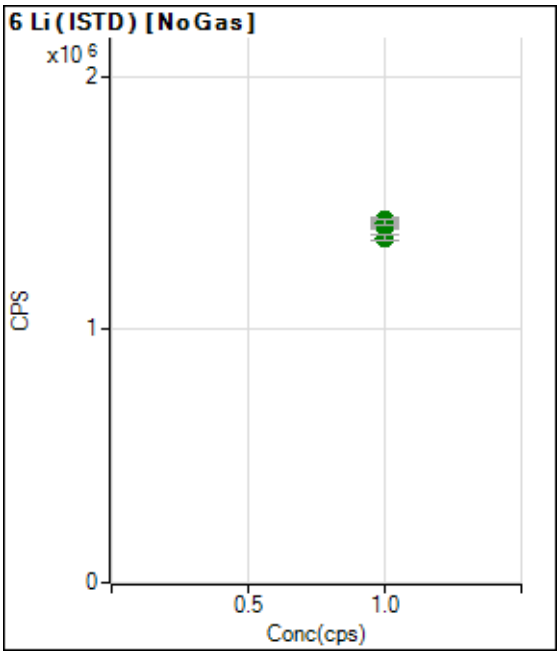
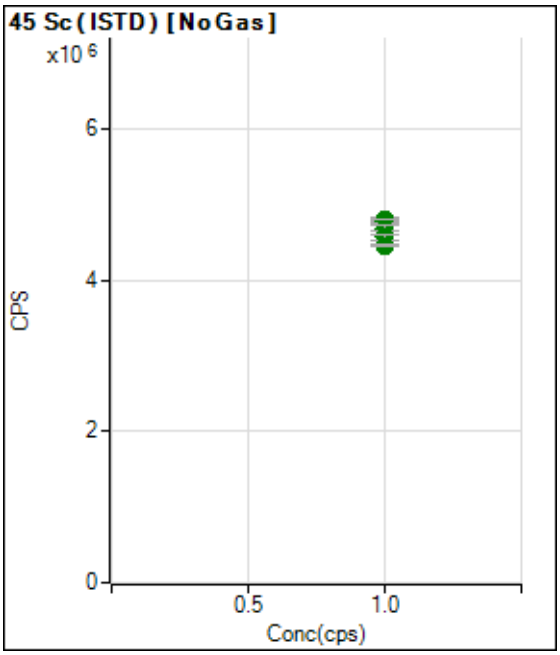



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1424107.08 | | A | 0.9 |
| 2 | ☐ | 1.000 | | 1408244.03 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 1409666.61 | | A | 1.9 |
| 4 | ☐ | 1.000 | | 1415005.58 | | A | 1.3 |
| 5 | ☐ | 1.000 | | 1424983.66 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 1433436.03 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 1423053.73 | | A | 1.8 |
| 8 | ☐ | 1.000 | | 1362701.78 | | A | 1.3 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4791933.09 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 4755613.44 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 4773584.06 | | A | 1.2 |
| 4 | ☐ | 1.000 | | 4684398.99 | | A | 1.3 |
| 5 | ☐ | 1.000 | | 4560543.30 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 4445352.85 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 4449753.16 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 4455690.49 | | A | 0.8 |

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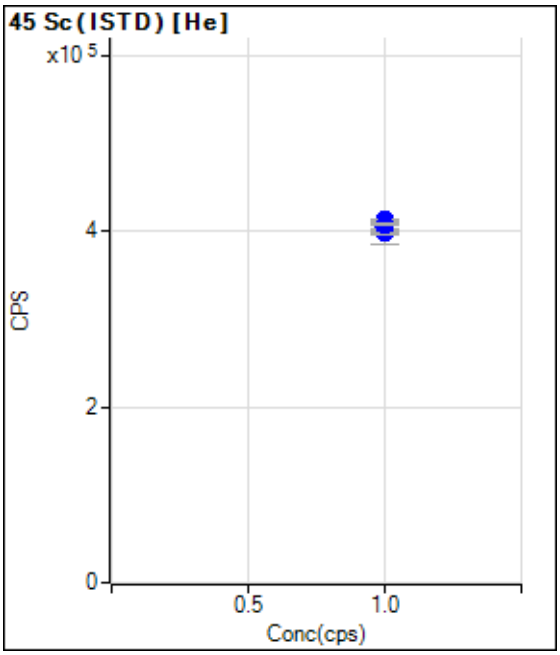
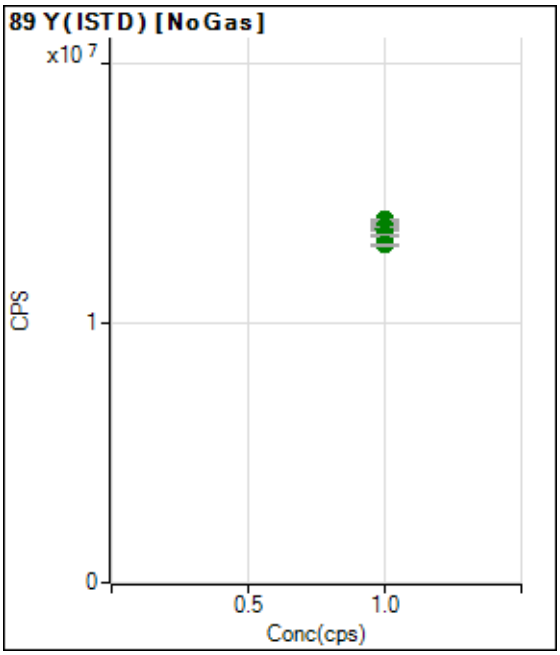



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 399230.62 | | P | 7.2 |
| 2 | ☐ | 1.000 | | 409138.62 | | P | 0.7 |
| 3 | ☐ | 1.000 | | 413503.26 | | P | 0.9 |
| 4 | ☐ | 1.000 | | 407572.45 | | P | 0.2 |
| 5 | ☐ | 1.000 | | 403250.94 | | P | 0.4 |
| 6 | ☐ | 1.000 | | 404434.30 | | P | 2.2 |
| 7 | ☐ | 1.000 | | 398497.58 | | P | 0.6 |
| 8 | ☐ | 1.000 | | 408439.91 | | P | 0.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 13946360.76 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 13753676.74 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 13977590.07 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 13627787.16 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 13725099.24 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 13627694.80 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 13381425.77 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 13027237.58 | | A | 0.4 |

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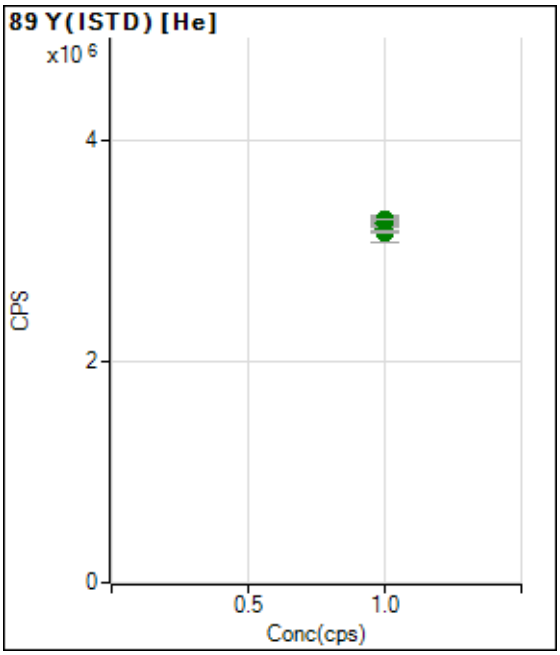
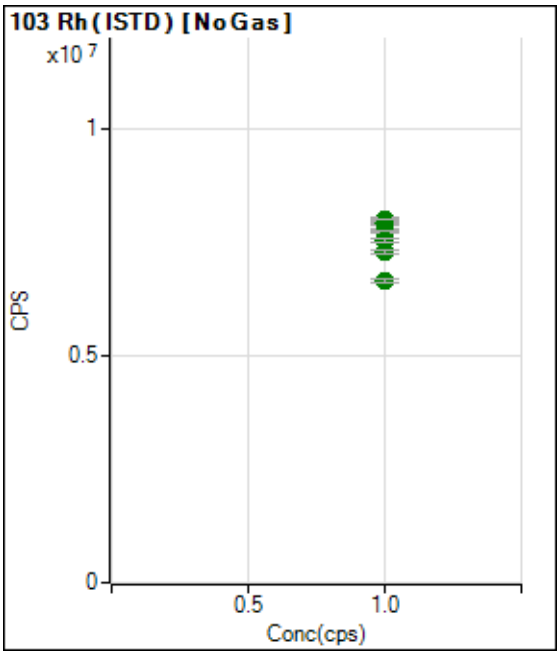



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3195447.35 | | A | 7.2 |
| 2 | ☐ | 1.000 | | 3236289.29 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 3275680.44 | | A | 1.7 |
| 4 | ☐ | 1.000 | | 3236213.25 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 3257769.92 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 3252373.87 | | A | 2.1 |
| 7 | ☐ | 1.000 | | 3188475.51 | | A | 1.5 |
| 8 | ☐ | 1.000 | | 3168554.43 | | A | 0.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7984811.27 | | A | 1.6 |
| 2 | ☐ | 1.000 | | 7927462.52 | | A | 1.0 |
| 3 | ☐ | 1.000 | | 7930784.47 | | A | 1.4 |
| 4 | ☐ | 1.000 | | 7790558.84 | | A | 0.3 |
| 5 | ☐ | 1.000 | | 7709348.84 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 7531992.25 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 7286093.36 | | A | 1.0 |
| 8 | ☐ | 1.000 | | 6636653.51 | | A | 1.6 |

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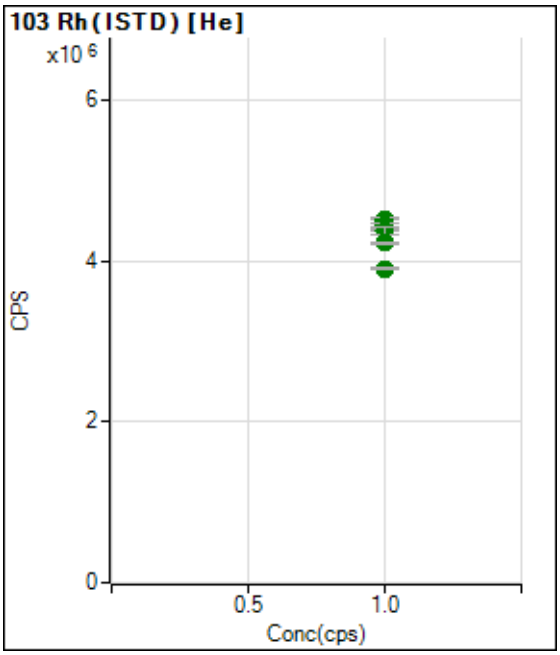
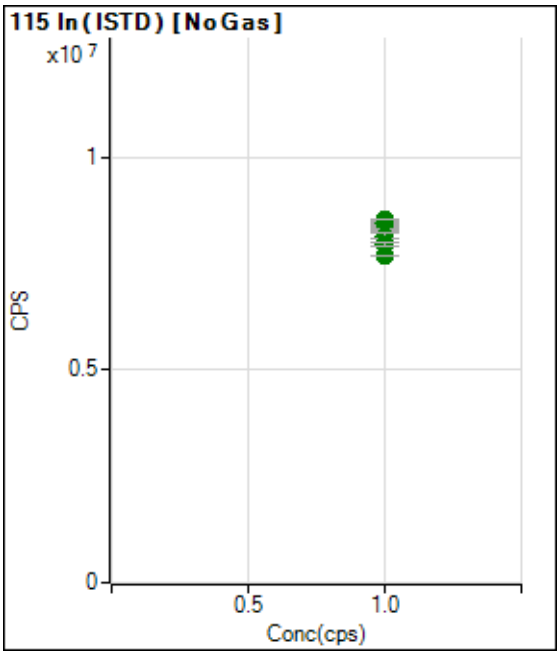



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4360797.96 | | A | 7.2 |
| 2 | ☐ | 1.000 | | 4490168.96 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 4507696.43 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 4432656.57 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 4380793.51 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 4364698.82 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 4217671.67 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 3900791.51 | | A | 0.3 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8454121.03 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 8444231.05 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 8524258.86 | | A | 0.2 |
| 4 | ☐ | 1.000 | | 8308893.17 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 8305644.16 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 8151128.66 | | A | 1.4 |
| 7 | ☐ | 1.000 | | 7954653.79 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 7676561.83 | | A | 0.3 |

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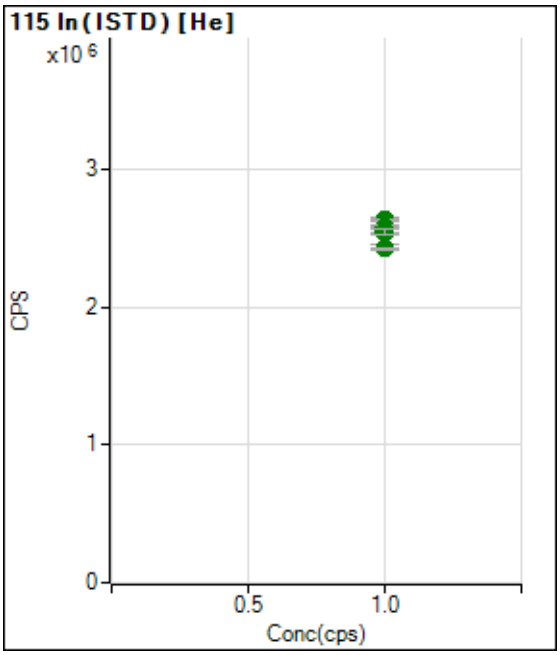
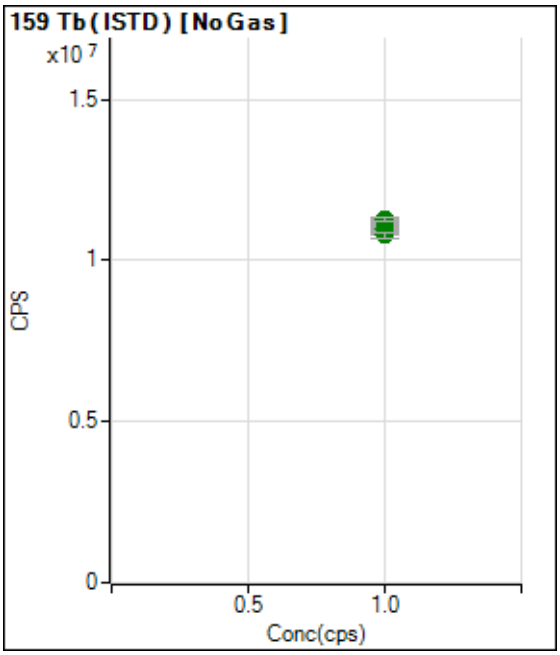



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2551039.90 | | A | 7.7 |
| 2 | ☐ | 1.000 | | 2581109.67 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 2634228.69 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 2586339.48 | | A | 1.3 |
| 5 | ☐ | 1.000 | | 2556029.67 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 2543696.07 | | A | 1.7 |
| 7 | ☐ | 1.000 | | 2428547.72 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 2423650.37 | | A | 0.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10848837.34 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 10797281.58 | | A | 1.8 |
| 3 | ☐ | 1.000 | | 11058807.89 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 10976333.03 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 11112241.08 | | A | 0.2 |
| 6 | ☐ | 1.000 | | 11221322.89 | | A | 1.5 |
| 7 | ☐ | 1.000 | | 11257124.28 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 10781371.23 | | A | 1.6 |

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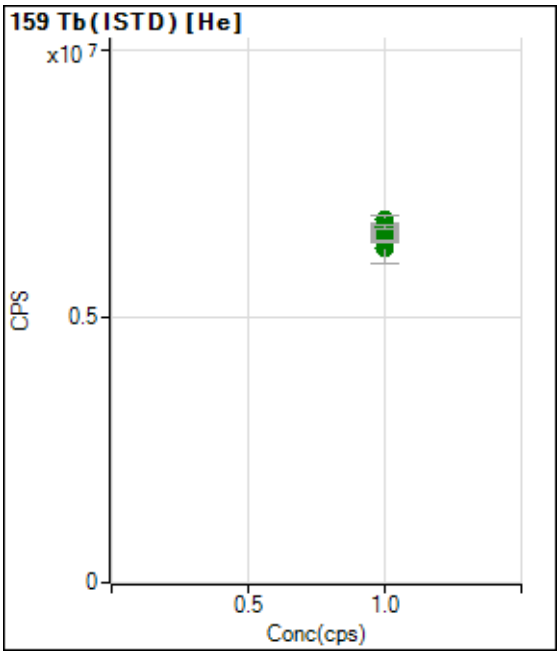
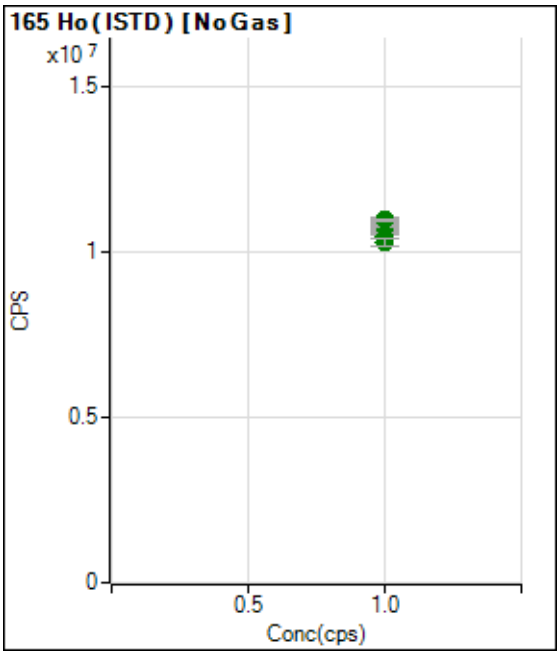



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6280668.66 | | A | 8.5 |
| 2 | ☐ | 1.000 | | 6492679.69 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 6536123.45 | | A | 0.4 |
| 4 | ☐ | 1.000 | | 6600697.54 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 6656903.30 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 6820150.59 | | A | 2.2 |
| 7 | ☐ | 1.000 | | 6692266.64 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 6424312.54 | | A | 0.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10607123.31 | | A | 1.9 |
| 2 | ☐ | 1.000 | | 10449300.61 | | A | 0.7 |
| 3 | ☐ | 1.000 | | 10669084.36 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 10575440.67 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 10759963.87 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 10953370.95 | | A | 1.4 |
| 7 | ☐ | 1.000 | | 10953771.23 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 10282893.32 | | A | 2.1 |

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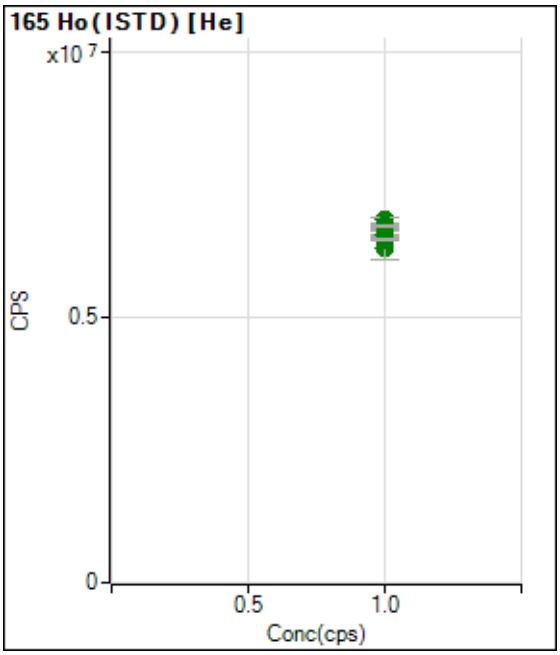
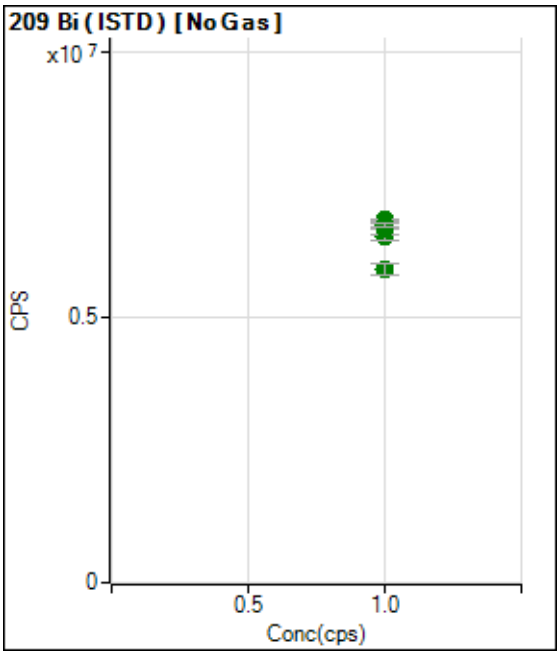



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6311314.35 | | A | 7.4 |
| 2 | ☐ | 1.000 | | 6454941.43 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 6649752.40 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 6566244.00 | | A | 1.6 |
| 5 | ☐ | 1.000 | | 6678544.07 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 6830215.66 | | A | 1.7 |
| 7 | ☐ | 1.000 | | 6725705.94 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 6455119.35 | | A | 0.9 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6729365.74 | | A | 2.2 |
| 2 | ☐ | 1.000 | | 6498734.21 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 6684744.90 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 6678952.26 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 6787507.75 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 6830241.57 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 6734152.61 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 5898710.33 | | A | 4.2 |

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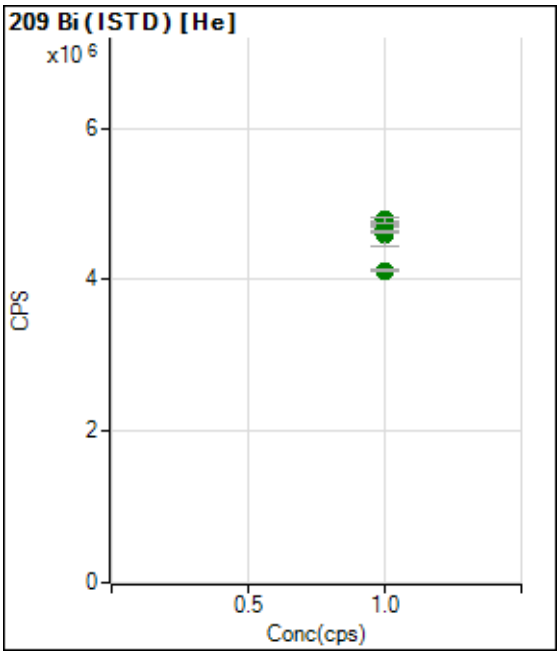



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4596871.25 | | A | 6.9 |
| 2 | ☐ | 1.000 | | 4672169.06 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 4769388.82 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 4765129.31 | | A | 2.1 |
| 5 | ☐ | 1.000 | | 4757359.48 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 4790297.88 | | A | 1.3 |
| 7 | ☐ | 1.000 | | 4633056.39 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 4121310.11 | | A | 0.9 |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7
ClientSampleId :TUNE001

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P7110224 MS.b |
| **Acq. Date-Time** | 2024-11-02 17:07:32 |
| **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 | | 10809 | 108088.38 | | | 1.258 | 5.000 |
| 24 | | 326802 | 3268017.55 | | | 0.800 | 5.000 |
| 25 | | 43495 | 434950.78 | | | 0.899 | 5.000 |
| 26 | | 50916 | 509163.79 | | | 1.132 | 5.000 |
| 59 | | 69375 | 693746.18 | | | 1.385 | 5.000 |
| 113 | | 5454 | 54539.22 | | | 1.619 | 5.000 |
| 115 | | 128421 | 1284210.23 | | | 2.268 | 5.000 |
| 206 | | 26576 | 265764.47 | | | 2.046 | 5.000 |
| 207 | | 21856 | 218559.05 | | | 2.227 | 5.000 |
| 208 | | 53699 | 536991.36 | | | 2.291 | 5.000 |
| 220 | | 0 | 4.60 | | | 54.021 | |

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

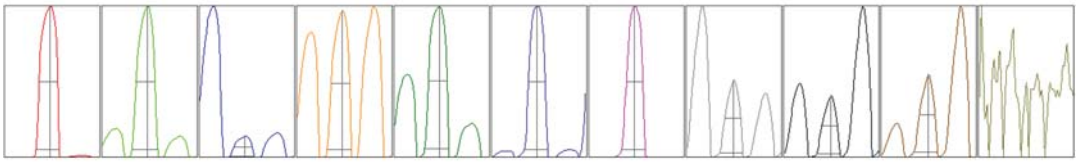
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 11006 | 10864 | 10803 | 10716 | 10656 |
| 24 | 330641 | 328240 | 325927 | 324776 | 324425 |
| 25 | 44035 | 43697 | 43455 | 43269 | 43020 |
| 26 | 51614 | 51270 | 50962 | 50607 | 50129 |
| 59 | 70587 | 70074 | 69243 | 68739 | 68229 |
| 113 | 5560 | 5501 | 5481 | 5386 | 5342 |
| 115 | 132428 | 129963 | 128192 | 126562 | 124960 |
| 206 | 27398 | 26774 | 26480 | 26245 | 25986 |
| 207 | 22607 | 22009 | 21769 | 21544 | 21351 |
| 208 | 55462 | 54245 | 53588 | 52936 | 52265 |

# US EPA Tune Check Report

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

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 19019.73 | 8.95 | 8.90 - 9.10 | |
| 24 | 577292.17 | 23.95 | 23.90 - 24.10 | |
| 25 | 77199.70 | 24.95 | 24.90 - 25.10 | |
| 26 | 90956.28 | 25.95 | 25.90 - 26.10 | |
| 59 | 120071.88 | 58.95 | 58.90 - 59.10 | |
| 113 | 10642.36 | 112.95 | 112.90 - 113.10 | |
| 115 | 250606.85 | 114.95 | 114.90 - 115.10 | |
| 206 | 55325.40 | 206.00 | 205.90 - 206.10 | |
| 207 | 45941.92 | 207.00 | 206.90 - 207.10 | |
| 208 | 112655.31 | 208.00 | 207.90 - 208.10 | |
| 220 | | | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.59 | 0.735 | 0.900 | |
| 24 | 0.61 | 0.819 | 0.900 | |
| 25 | 0.59 | 0.743 | 0.900 | |
| 26 | 0.60 | 0.773 | 0.900 | |
| 59 | 0.60 | 0.768 | 0.900 | |
| 113 | 0.52 | 0.735 | 0.900 | |
| 115 | 0.51 | 0.754 | 0.900 | |
| 206 | 0.49 | 0.739 | 0.900 | |
| 207 | 0.49 | 0.734 | 0.900 | |
| 208 | 0.49 | 0.755 | 0.900 | |
| 220 | | | | |

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

**Tune Parameters**

**Plasma Parameters**

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

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On:11/7/2024 3:50:57 AM
Inst Id :P7
ClientSampleId :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 | 8.9 V | Deflect | 15.6 V |
| Extract 2 | -180.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -85 V | Cell Exit | -50 V | | |

**Cell Parameters**

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

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 135 | Axis Gain | 0.9979 | QP Bias | -3.0 V |
| Mass Offset | 130 | Axis Offset | 0.08 | | |

**Hardware Settings**

**Torch**

| | | | |
|---|---|---|---|
| Torch H | -0.6 mm | Torch V | 0.5 mm |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.9 mV | Analog HV | 2429 V | Pulse HV | 2000 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 23978 | 239779.74 | | | 2.631 | |
| 89 | | 114912 | 1149116.81 | | | 3.482 | |
| 205 | | 31596 | 315961.45 | | | 2.862 | |

| Mass | RSD% (Flag) |
|---|---|
| 59 | |
| 89 | |
| 205 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 24450 | 23029 | 23625 | 24398 | 24389 |
| 89 | 120136 | 109088 | 113984 | 115044 | 116308 |
| 205 | 32198 | 30242 | 31079 | 32198 | 32264 |

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 | 8.5 V | Deflect | 4.0 V |

# US EPA Tune Check Report

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7
ClientSampleId :TUNE001

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -155.0 V | Cell Entrance | -40 V | Plate Bias | -60 |
| Omega Bias | -80 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 | 135 | Axis Gain | 0.9979 | QP Bias | -13.0 V |
| Mass Offset | 130 | Axis Offset | 0.08 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | -0.6 mm | Torch V | 0.5 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.9 mV | Analog HV | 2429 V | Pulse HV | 2000 V |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.02 | -0.09 | 0.11 | 0.00 | N/A | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Arsenic | 75-2 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Barium | 135-1 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Barium | 137-1 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Beryllium | 9-1 | -0.02 | 0.00 | 0.02 | 0.00 | N/A | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.01 | -0.02 | 0.00 | N/A | ppb |
| Cadmium | 106-1 | -0.04 | 0.11 | -0.06 | 0.00 | N/A | ppb |
| Cadmium | 111-1 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Calcium | 43-1 | 0.76 | -1.26 | 0.50 | 0.00 | N/A | ppb |
| Calcium | 44-1 | -0.28 | -0.17 | 0.45 | 0.00 | N/A | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Copper | 63-2 | 0.00 | -0.02 | 0.02 | 0.00 | N/A | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.04 | -0.24 | 0.29 | 0.00 | N/A | ppb |
| Iron | 57-2 | 0.20 | -0.73 | 0.53 | 0.00 | N/A | ppb |
| Iron | 54-2 | 0.30 | -1.31 | 1.00 | 0.00 | N/A | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Lead | 207-1 | -0.01 | 0.00 | 0.01 | 0.00 | N/A | ppb |
| Lead | 208-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | -0.26 | 0.12 | 0.14 | 0.00 | N/A | ppb |
| Manganese | 55-2 | -0.02 | 0.02 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 94-1 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 95-1 | 0.01 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Phosphorus | 31-2 | -13.27 | -15.38 | -17.63 | -15.43 | | ppb |
| Potassium | 39-2 | -4.22 | -4.76 | 8.97 | 0.00 | N/A | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.19 | -0.22 | 0.02 | 0.00 | N/A | ppb |
| Selenium | 77-2 | 0.00 | 0.23 | -0.22 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.55 | -0.47 | 1.02 | 0.00 | N/A | ppb |
| Silicon | 28-1 | -0.14 | -0.08 | 0.22 | 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 | -1.78 | -2.27 | 4.05 | 0.00 | N/A | ppb |
| Strontium | 86-1 | 0.00 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Strontium | 88-1 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Sulfur | 34-1 | -73.48 | 16.23 | 86.32 | 9.69 | 826.70 | 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 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Titanium | 47-1 | -0.01 | -0.02 | 0.03 | 0.00 | N/A | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | 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 | 0.12 | -0.12 | 0.00 | 0.00 | N/A | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Zirconium | 91-1 | -0.01 | 0.00 | 0.01 | 0.00 | N/A | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17.16 | 18.17 | 18.08 | 17.80 | 3.14 | ppb |
| Antimony | 121-1 | 1.76 | 1.92 | 1.83 | 1.84 | 4.14 | ppb |
| Arsenic | 75-2 | 0.88 | 0.86 | 1.11 | 0.95 | 14.58 | ppb |
| Barium | 135-1 | 8.50 | 8.82 | 8.73 | 8.68 | 1.92 | ppb |
| Barium | 137-1 | 8.50 | 8.71 | 8.59 | 8.60 | 1.20 | ppb |
| Beryllium | 9-1 | 0.94 | 0.98 | 0.99 | 0.97 | 2.91 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.94 | 1.22 | 1.18 | 1.12 | 13.59 | ppb |
| Cadmium | 106-1 | 0.64 | 1.25 | 1.11 | 1.00 | 32.08 | ppb |
| Cadmium | 111-1 | 0.95 | 1.09 | 0.94 | 0.99 | 8.77 | ppb |
| Calcium | 43-1 | 491.13 | 476.49 | 488.06 | 485.23 | 1.59 | ppb |
| Calcium | 44-1 | 474.98 | 488.43 | 492.58 | 485.33 | 1.90 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.93 | 1.94 | 1.91 | 1.92 | 0.80 | ppb |
| Cobalt | 59-2 | 0.99 | 0.98 | 1.00 | 0.99 | 1.02 | ppb |
| Copper | 63-2 | 1.84 | 1.83 | 1.83 | 1.83 | 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 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 50.55 | 51.56 | 51.36 | 51.15 | 1.05 | ppb |
| Iron | 57-2 | 51.33 | 50.83 | 52.11 | 51.42 | 1.26 | ppb |
| Iron | 54-2 | 53.50 | 53.51 | 52.90 | 53.30 | 0.66 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.74 | 0.79 | 0.76 | 0.77 | 3.45 | ppb |
| Lead | 207-1 | 0.74 | 0.78 | 0.79 | 0.77 | 3.78 | ppb |
| Lead | 208-1 | 0.74 | 0.80 | 0.77 | 0.77 | 3.58 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 504.06 | 505.14 | 499.98 | 503.06 | 0.54 | ppb |
| Manganese | 55-2 | 0.93 | 0.99 | 1.00 | 0.98 | 3.95 | ppb |
| Molybdenum | 94-1 | 4.87 | 4.98 | 4.97 | 4.94 | 1.18 | ppb |
| Molybdenum | 95-1 | 4.02 | 4.08 | 4.10 | 4.07 | 1.07 | ppb |
| Molybdenum | 96-1 | 4.03 | 4.10 | 4.14 | 4.09 | 1.30 | ppb |
| Molybdenum | 97-1 | 4.06 | 4.13 | 4.07 | 4.09 | 0.95 | ppb |
| Molybdenum | 98-1 | 3.97 | 4.09 | 4.14 | 4.07 | 2.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.04 | 0.91 | 0.93 | 0.96 | 7.56 | ppb |
| Phosphorus | 31-2 | 10.37 | 15.14 | 20.77 | 15.43 | 33.74 | ppb |
| Potassium | 39-2 | 481.02 | 482.32 | 478.47 | 480.60 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 4.72 | 4.77 | 4.67 | 4.72 | 1.03 | ppb |
| Selenium | 77-2 | 5.51 | 5.07 | 3.90 | 4.82 | 17.23 | ppb |
| Selenium | 78-2 | 4.67 | 6.53 | 5.64 | 5.61 | 16.61 | ppb |
| Silicon | 28-1 | 1.16 | 1.38 | 1.56 | 1.37 | 14.42 | ppb |
| Silver | 107-1 | 0.87 | 0.93 | 0.90 | 0.90 | 3.35 | ppb |
| Silver | 109-1 | 0.89 | 0.95 | 0.91 | 0.92 | 3.68 | ppb |
| Sodium | 23-2 | 477.80 | 479.01 | 476.63 | 477.81 | 0.25 | ppb |
| Strontium | 86-1 | 0.88 | 0.92 | 0.93 | 0.91 | 3.26 | ppb |
| Strontium | 88-1 | 0.88 | 0.91 | 0.91 | 0.90 | 2.16 | ppb |
| Sulfur | 34-1 | -127.31 | 15.06 | 83.18 | -9.69 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.73 | 0.76 | 0.78 | 0.76 | 2.89 | ppb |
| Thallium | 205-1 | 0.78 | 0.77 | 0.78 | 0.78 | 0.50 | ppb |
| Tin | 118-1 | 4.26 | 4.51 | 4.42 | 4.40 | 2.94 | ppb |
| Titanium | 47-1 | 4.20 | 4.40 | 4.24 | 4.28 | 2.39 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.74 | 0.74 | 0.74 | 0.97 | ppb |
| Vanadium | 51-2 | 4.82 | 4.95 | 4.89 | 4.89 | 1.37 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 4.52 | 4.76 | 4.84 | 4.71 | 3.50 | ppb |
| Zirconium | 90-1 | 0.90 | 0.91 | 0.91 | 0.91 | 0.48 | ppb |
| Zirconium | 91-1 | 0.87 | 0.95 | 0.88 | 0.90 | 4.53 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 991.88 | 1000.02 | 990.32 | 994.07 | 0.52 | ppb |
| Antimony | 121-1 | 47.96 | 49.37 | 49.90 | 49.08 | 2.05 | ppb |
| Arsenic | 75-2 | 51.49 | 51.09 | 53.69 | 52.09 | 2.68 | ppb |
| Barium | 135-1 | 233.57 | 238.38 | 243.27 | 238.40 | 2.03 | ppb |
| Barium | 137-1 | 236.03 | 240.42 | 242.94 | 239.80 | 1.46 | ppb |
| Beryllium | 9-1 | 53.07 | 53.09 | 54.91 | 53.69 | 1.97 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 51.77 | 54.94 | 53.07 | 53.26 | 2.99 | ppb |
| Cadmium | 106-1 | 53.25 | 54.67 | 53.97 | 53.96 | 1.32 | ppb |
| Cadmium | 111-1 | 50.39 | 50.87 | 51.85 | 51.04 | 1.46 | ppb |
| Calcium | 43-1 | 5889.84 | 5949.55 | 6072.28 | 5970.56 | 1.56 | ppb |
| Calcium | 44-1 | 5319.14 | 5298.13 | 5415.49 | 5344.25 | 1.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 52.77 | 52.23 | 51.60 | 52.20 | 1.12 | ppb |
| Cobalt | 59-2 | 51.73 | 50.66 | 51.15 | 51.18 | 1.05 | ppb |
| Copper | 63-2 | 534.62 | 535.01 | 529.29 | 532.98 | 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 | | | | 105 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 2661.64 | 2681.70 | 2632.64 | 2658.66 | 0.93 | ppb |
| Iron | 57-2 | 2755.36 | 2777.98 | 2714.14 | 2749.16 | 1.18 | ppb |
| Iron | 54-2 | 2803.01 | 2802.44 | 2779.59 | 2795.01 | 0.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 241.47 | 242.27 | 244.03 | 242.59 | 0.54 | ppb |
| Lead | 207-1 | 242.38 | 245.28 | 244.05 | 243.90 | 0.60 | ppb |
| Lead | 208-1 | 243.16 | 244.72 | 242.78 | 243.55 | 0.42 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 4927.48 | 4913.55 | 4991.82 | 4944.28 | 0.84 | ppb |
| Manganese | 55-2 | 520.55 | 528.32 | 498.86 | 515.91 | 2.96 | ppb |
| Molybdenum | 94-1 | 494.64 | 499.47 | 505.29 | 499.80 | 1.07 | ppb |
| Molybdenum | 95-1 | 499.96 | 501.65 | 500.57 | 500.73 | 0.17 | ppb |
| Molybdenum | 96-1 | 495.92 | 502.18 | 495.08 | 497.73 | 0.78 | ppb |
| Molybdenum | 97-1 | 491.45 | 503.01 | 496.99 | 497.15 | 1.16 | ppb |
| Molybdenum | 98-1 | 496.15 | 494.15 | 491.82 | 494.04 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 51.20 | 51.12 | 50.87 | 51.06 | 0.34 | ppb |
| Phosphorus | 31-2 | 1043.66 | 1033.46 | 1037.55 | 1038.22 | 0.49 | ppb |
| Potassium | 39-2 | 2510.29 | 2517.04 | 2501.05 | 2509.46 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 52.91 | 51.96 | 52.80 | 52.56 | 0.99 | ppb |
| Selenium | 77-2 | 48.52 | 55.76 | 50.37 | 51.55 | 7.29 | ppb |
| Selenium | 78-2 | 48.71 | 51.11 | 55.51 | 51.77 | 6.66 | ppb |
| Silicon | 28-1 | 41.13 | 42.01 | 42.74 | 41.96 | 1.92 | ppb |
| Silver | 107-1 | 50.73 | 51.78 | 53.13 | 51.88 | 2.32 | ppb |
| Silver | 109-1 | 50.79 | 51.74 | 52.45 | 51.66 | 1.61 | ppb |
| Sodium | 23-2 | 5029.98 | 4999.92 | 4953.24 | 4994.38 | 0.77 | ppb |
| Strontium | 86-1 | 1268.52 | 1271.11 | 1264.90 | 1268.18 | 0.25 | ppb |
| Strontium | 88-1 | 1252.30 | 1252.09 | 1259.66 | 1254.68 | 0.34 | ppb |
| Sulfur | 34-1 | 825.58 | 884.94 | 906.35 | 872.29 | 4.80 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 41.55 | 42.71 | 42.18 | 42.14 | 1.38 | ppb |
| Thallium | 205-1 | 41.39 | 41.70 | 41.98 | 41.69 | 0.70 | ppb |
| Tin | 118-1 | 48.64 | 48.84 | 50.18 | 49.22 | 1.69 | ppb |
| Titanium | 47-1 | 502.81 | 511.76 | 520.23 | 511.60 | 1.70 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39.30 | 39.85 | 40.19 | 39.78 | 1.13 | ppb |
| Vanadium | 51-2 | 52.00 | 52.47 | 51.17 | 51.88 | 1.26 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 513.04 | 508.93 | 507.42 | 509.80 | 0.57 | ppb |
| Zirconium | 90-1 | 48.67 | 49.22 | 49.25 | 49.05 | 0.67 | ppb |
| Zirconium | 91-1 | 48.76 | 49.22 | 49.78 | 49.25 | 1.04 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2460.48 | 2496.01 | 2456.44 | 2470.98 | 0.88 | ppb |
| Antimony | 121-1 | 120.61 | 123.40 | 123.44 | 122.48 | 1.33 | ppb |
| Arsenic | 75-2 | 128.27 | 129.18 | 129.84 | 129.10 | 0.61 | ppb |
| Barium | 135-1 | 633.14 | 647.45 | 656.54 | 645.71 | 1.83 | ppb |
| Barium | 137-1 | 646.05 | 656.14 | 652.14 | 651.44 | 0.78 | ppb |
| Beryllium | 9-1 | 133.58 | 132.05 | 132.06 | 132.56 | 0.67 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 130.93 | 133.89 | 137.00 | 133.94 | 2.27 | ppb |
| Cadmium | 106-1 | 131.77 | 132.82 | 133.75 | 132.78 | 0.75 | ppb |
| Cadmium | 111-1 | 126.20 | 126.69 | 127.14 | 126.67 | 0.37 | ppb |
| Calcium | 43-1 | 14724.32 | 14685.59 | 15070.12 | 14826.68 | 1.43 | ppb |
| Calcium | 44-1 | 13092.13 | 13070.30 | 13300.58 | 13154.34 | 0.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 130.23 | 129.12 | 129.18 | 129.51 | 0.48 | ppb |
| Cobalt | 59-2 | 128.73 | 127.23 | 127.13 | 127.70 | 0.70 | ppb |
| Copper | 63-2 | 1309.59 | 1328.93 | 1293.70 | 1310.74 | 1.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 6593.69 | 6581.99 | 6555.75 | 6577.14 | 0.30 | ppb |
| Iron | 57-2 | 6807.97 | 6851.27 | 6768.86 | 6809.36 | 0.61 | ppb |
| Iron | 54-2 | 6995.27 | 6986.04 | 6682.53 | 6887.95 | 2.58 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 622.86 | 612.10 | 613.43 | 616.13 | 0.95 | ppb |
| Lead | 207-1 | 613.28 | 613.79 | 614.30 | 613.79 | 0.08 | ppb |
| Lead | 208-1 | 612.65 | 614.29 | 613.73 | 613.56 | 0.14 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 12420.14 | 12372.53 | 12300.21 | 12364.29 | 0.49 | ppb |
| Manganese | 55-2 | 1266.66 | 1276.78 | 1264.46 | 1269.30 | 0.52 | ppb |
| Molybdenum | 94-1 | 1254.95 | 1259.30 | 1268.31 | 1260.86 | 0.54 | ppb |
| Molybdenum | 95-1 | 1251.82 | 1263.99 | 1275.76 | 1263.85 | 0.95 | ppb |
| Molybdenum | 96-1 | 1239.57 | 1265.59 | 1270.31 | 1258.49 | 1.32 | ppb |
| Molybdenum | 97-1 | 1236.65 | 1259.76 | 1268.20 | 1254.87 | 1.30 | ppb |
| Molybdenum | 98-1 | 1235.41 | 1254.66 | 1271.86 | 1253.98 | 1.45 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 126.20 | 128.03 | 126.52 | 126.92 | 0.77 | ppb |
| Phosphorus | 31-2 | 2569.43 | 2608.03 | 2516.47 | 2564.64 | 1.79 | ppb |
| Potassium | 39-2 | 6298.37 | 6125.51 | 6146.67 | 6190.18 | 1.52 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 128.62 | 129.84 | 130.41 | 129.62 | 0.71 | ppb |
| Selenium | 77-2 | 126.40 | 134.45 | 139.20 | 133.35 | 4.85 | ppb |
| Selenium | 78-2 | 134.19 | 131.56 | 135.47 | 133.74 | 1.49 | ppb |
| Silicon | 28-1 | 101.52 | 101.85 | 103.59 | 102.32 | 1.09 | ppb |
| Silver | 107-1 | 134.25 | 138.27 | 137.37 | 136.63 | 1.54 | ppb |
| Silver | 109-1 | 134.33 | 137.39 | 136.99 | 136.24 | 1.22 | ppb |
| Sodium | 23-2 | 12495.35 | 12326.64 | 12349.92 | 12390.64 | 0.74 | ppb |
| Strontium | 86-1 | 3152.32 | 3184.12 | 3195.76 | 3177.40 | 0.71 | ppb |
| Strontium | 88-1 | 3134.27 | 3168.88 | 3186.00 | 3163.05 | 0.83 | ppb |
| Sulfur | 34-1 | 2129.58 | 2192.56 | 2360.46 | 2227.53 | 5.36 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 106.03 | 106.04 | 105.39 | 105.82 | 0.35 | ppb |
| Thallium | 205-1 | 124.24 | 120.78 | 122.48 | 122.50 | 1.41 | ppb |
| Tin | 118-1 | 120.80 | 123.21 | 124.07 | 122.69 | 1.38 | ppb |
| Titanium | 47-1 | 1247.22 | 1245.77 | 1270.43 | 1254.48 | 1.10 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 118.96 | 115.98 | 117.73 | 117.56 | 1.27 | ppb |
| Vanadium | 51-2 | 128.28 | 129.10 | 127.69 | 128.36 | 0.55 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1272.97 | 1262.81 | 1261.05 | 1265.61 | 0.51 | ppb |
| Zirconium | 90-1 | 124.56 | 128.44 | 127.50 | 126.83 | 1.60 | ppb |
| Zirconium | 91-1 | 122.85 | 124.87 | 126.18 | 124.63 | 1.35 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4935.40 | 4943.65 | 4962.41 | 4947.15 | 0.28 | ppb |
| Antimony | 121-1 | 253.32 | 259.83 | 259.10 | 257.42 | 1.39 | ppb |
| Arsenic | 75-2 | 256.22 | 257.02 | 252.24 | 255.16 | 1.00 | ppb |
| Barium | 135-1 | 1282.56 | 1282.94 | 1299.02 | 1288.17 | 0.73 | ppb |
| Barium | 137-1 | 1274.88 | 1282.05 | 1283.64 | 1280.19 | 0.36 | ppb |
| Beryllium | 9-1 | 262.53 | 263.57 | 259.51 | 261.87 | 0.81 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 260.33 | 260.23 | 265.49 | 262.02 | 1.15 | ppb |
| Cadmium | 106-1 | 258.05 | 260.24 | 259.85 | 259.38 | 0.45 | ppb |
| Cadmium | 111-1 | 246.89 | 251.21 | 249.53 | 249.21 | 0.87 | ppb |
| Calcium | 43-1 | 29339.11 | 30085.65 | 30164.88 | 29863.21 | 1.53 | ppb |
| Calcium | 44-1 | 26448.49 | 26765.06 | 26636.74 | 26616.77 | 0.60 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 256.43 | 258.14 | 256.17 | 256.91 | 0.42 | ppb |
| Cobalt | 59-2 | 259.52 | 258.03 | 263.34 | 260.30 | 1.05 | ppb |
| Copper | 63-2 | 2602.20 | 2599.93 | 2577.65 | 2593.26 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 13116.18 | 13066.21 | 13113.61 | 13098.67 | 0.21 | ppb |
| Iron | 57-2 | 13596.18 | 13507.17 | 13650.12 | 13584.49 | 0.53 | ppb |
| Iron | 54-2 | 13433.61 | 13443.65 | 13647.54 | 13508.27 | 0.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1218.44 | 1256.57 | 1224.80 | 1233.27 | 1.66 | ppb |
| Lead | 207-1 | 1215.56 | 1254.17 | 1238.40 | 1236.04 | 1.57 | ppb |
| Lead | 208-1 | 1225.66 | 1252.19 | 1243.83 | 1240.56 | 1.09 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 24731.40 | 24908.01 | 24525.86 | 24721.76 | 0.77 | ppb |
| Manganese | 55-2 | 2565.73 | 2517.37 | 2538.53 | 2540.54 | 0.95 | ppb |
| Molybdenum | 94-1 | 2469.73 | 2503.76 | 2470.06 | 2481.18 | 0.79 | ppb |
| Molybdenum | 95-1 | 2485.00 | 2535.05 | 2502.12 | 2507.39 | 1.01 | ppb |
| Molybdenum | 96-1 | 2481.92 | 2509.19 | 2484.26 | 2491.79 | 0.61 | ppb |
| Molybdenum | 97-1 | 2472.77 | 2487.41 | 2503.93 | 2488.04 | 0.63 | ppb |
| Molybdenum | 98-1 | 2443.34 | 2502.62 | 2496.49 | 2480.82 | 1.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 252.48 | 250.44 | 251.88 | 251.60 | 0.42 | ppb |
| Phosphorus | 31-2 | 5203.37 | 5098.19 | 5159.08 | 5153.55 | 1.02 | ppb |
| Potassium | 39-2 | 12438.96 | 12333.78 | 12397.98 | 12390.24 | 0.43 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 250.26 | 256.10 | 255.21 | 253.86 | 1.24 | ppb |
| Selenium | 77-2 | 251.51 | 257.24 | 259.59 | 256.11 | 1.62 | ppb |
| Selenium | 78-2 | 258.69 | 267.99 | 263.60 | 263.43 | 1.76 | ppb |
| Silicon | 28-1 | 200.14 | 204.04 | 205.12 | 203.10 | 1.29 | ppb |
| Silver | 107-1 | 264.52 | 266.33 | 268.19 | 266.35 | 0.69 | ppb |
| Silver | 109-1 | 264.83 | 263.85 | 268.26 | 265.65 | 0.87 | ppb |
| Sodium | 23-2 | 24915.74 | 24903.11 | 24847.36 | 24888.74 | 0.15 | ppb |
| Strontium | 86-1 | 6176.30 | 6308.14 | 6307.52 | 6263.99 | 1.21 | ppb |
| Strontium | 88-1 | 6197.12 | 6311.81 | 6221.98 | 6243.64 | 0.97 | ppb |
| Sulfur | 34-1 | 4679.20 | 4915.08 | 4945.46 | 4846.58 | 3.01 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 245.31 | 245.58 | 246.73 | 245.87 | 0.31 | ppb |
| Thallium | 205-1 | 238.41 | 245.49 | 245.59 | 243.16 | 1.69 | ppb |
| Tin | 118-1 | 252.86 | 256.57 | 261.94 | 257.13 | 1.78 | ppb |
| Titanium | 47-1 | 2489.42 | 2554.20 | 2554.31 | 2532.64 | 1.48 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 232.03 | 241.92 | 243.17 | 239.04 | 2.55 | ppb |
| Vanadium | 51-2 | 256.54 | 258.42 | 257.04 | 257.33 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 2586.63 | 2590.57 | 2600.04 | 2592.41 | 0.27 | ppb |
| Zirconium | 90-1 | 246.25 | 251.67 | 254.19 | 250.70 | 1.62 | ppb |
| Zirconium | 91-1 | 244.01 | 248.52 | 247.07 | 246.53 | 0.93 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9414.28 | 9591.28 | 9730.92 | 9578.82 | 1.66 | ppb |
| Antimony | 121-1 | 500.17 | 494.34 | 511.64 | 502.05 | 1.75 | ppb |
| Arsenic | 75-2 | 487.51 | 503.01 | 497.68 | 496.07 | 1.59 | ppb |
| Barium | 135-1 | 2506.10 | 2482.01 | 2534.03 | 2507.38 | 1.04 | ppb |
| Barium | 137-1 | 2504.70 | 2469.81 | 2529.26 | 2501.26 | 1.19 | ppb |
| Beryllium | 9-1 | 503.78 | 506.35 | 520.14 | 510.09 | 1.72 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 504.40 | 507.30 | 520.68 | 510.79 | 1.70 | ppb |
| Cadmium | 106-1 | 505.40 | 507.25 | 513.35 | 508.67 | 0.82 | ppb |
| Cadmium | 111-1 | 484.83 | 477.06 | 485.74 | 482.54 | 0.99 | ppb |
| Calcium | 43-1 | 56626.53 | 57393.99 | 57669.96 | 57230.16 | 0.94 | ppb |
| Calcium | 44-1 | 52299.87 | 53292.98 | 53144.63 | 52912.49 | 1.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 488.61 | 507.50 | 502.90 | 499.67 | 1.97 | ppb |
| Cobalt | 59-2 | 486.13 | 514.60 | 502.27 | 501.00 | 2.85 | ppb |
| Copper | 63-2 | 4895.88 | 5070.62 | 5042.88 | 5003.13 | 1.88 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 25192.50 | 26239.39 | 26004.91 | 25812.27 | 2.13 | ppb |
| Iron | 57-2 | 25174.65 | 25999.05 | 26021.67 | 25731.79 | 1.88 | ppb |
| Iron | 54-2 | 25672.19 | 26635.36 | 26525.30 | 26277.62 | 2.01 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2430.76 | 2466.62 | 2519.40 | 2472.26 | 1.80 | ppb |
| Lead | 207-1 | 2430.74 | 2458.55 | 2509.01 | 2466.10 | 1.61 | ppb |
| Lead | 208-1 | 2435.16 | 2455.17 | 2508.01 | 2466.11 | 1.53 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 47217.60 | 48474.26 | 48720.26 | 48137.37 | 1.67 | ppb |
| Manganese | 55-2 | 4863.87 | 5074.30 | 5070.00 | 5002.72 | 2.40 | ppb |
| Molybdenum | 94-1 | 4886.72 | 4986.54 | 5031.25 | 4968.17 | 1.49 | ppb |
| Molybdenum | 95-1 | 4873.32 | 5002.91 | 5001.45 | 4959.23 | 1.50 | ppb |
| Molybdenum | 96-1 | 4856.42 | 4950.70 | 5031.19 | 4946.10 | 1.77 | ppb |
| Molybdenum | 97-1 | 4847.08 | 4928.68 | 5080.72 | 4952.16 | 2.39 | ppb |
| Molybdenum | 98-1 | 4822.67 | 4923.66 | 5028.27 | 4924.87 | 2.09 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 472.58 | 488.21 | 487.37 | 482.72 | 1.82 | ppb |
| Phosphorus | 31-2 | 9739.43 | 10135.89 | 10110.03 | 9995.12 | 2.22 | ppb |
| Potassium | 39-2 | 23435.08 | 24361.45 | 24381.16 | 24059.23 | 2.25 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 493.76 | 504.77 | 513.59 | 504.04 | 1.97 | ppb |
| Selenium | 77-2 | 498.80 | 503.38 | 493.90 | 498.70 | 0.95 | ppb |
| Selenium | 78-2 | 485.56 | 499.66 | 494.27 | 493.17 | 1.44 | ppb |
| Silicon | 28-1 | 396.28 | 399.87 | 404.30 | 400.15 | 1.00 | ppb |
| Silver | 107-1 | 511.31 | 504.85 | 515.06 | 510.41 | 1.01 | ppb |
| Silver | 109-1 | 517.60 | 499.50 | 515.02 | 510.71 | 1.92 | ppb |
| Sodium | 23-2 | 47867.04 | 49344.06 | 49471.31 | 48894.14 | 1.82 | ppb |
| Strontium | 86-1 | 12226.54 | 12415.74 | 12566.30 | 12402.86 | 1.37 | ppb |
| Strontium | 88-1 | 12197.33 | 12347.48 | 12628.90 | 12391.24 | 1.77 | ppb |
| Sulfur | 34-1 | 9920.53 | 10129.93 | 10121.73 | 10057.40 | 1.18 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 487.54 | 503.78 | 503.71 | 498.34 | 1.88 | ppb |
| Thallium | 205-1 | 487.72 | 489.40 | 501.68 | 492.93 | 1.55 | ppb |
| Tin | 118-1 | 504.85 | 498.95 | 505.85 | 503.22 | 0.74 | ppb |
| Titanium | 47-1 | 4955.86 | 5073.77 | 5022.20 | 5017.28 | 1.18 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 473.56 | 490.34 | 495.34 | 486.41 | 2.35 | ppb |
| Vanadium | 51-2 | 484.26 | 509.94 | 504.33 | 499.51 | 2.70 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 4903.68 | 5070.22 | 5072.18 | 5015.36 | 1.93 | ppb |
| Zirconium | 90-1 | 485.42 | 494.71 | 500.95 | 493.69 | 1.58 | ppb |
| Zirconium | 91-1 | 483.12 | 493.11 | 504.64 | 493.62 | 2.18 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18988.66 | 19356.07 | 19066.66 | 19137.13 | 1.01 | ppb |
| Antimony | 121-1 | 992.43 | 988.59 | 1011.42 | 997.48 | 1.23 | ppb |
| Arsenic | 75-2 | 984.60 | 1016.47 | 999.11 | 1000.06 | 1.60 | ppb |
| Barium | 135-1 | 4970.64 | 4911.89 | 5071.74 | 4984.76 | 1.62 | ppb |
| Barium | 137-1 | 4985.66 | 4964.14 | 5017.29 | 4989.03 | 0.54 | ppb |
| Beryllium | 9-1 | 987.59 | 970.22 | 1014.76 | 990.86 | 2.27 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 996.27 | 977.20 | 997.48 | 990.32 | 1.15 | ppb |
| Cadmium | 106-1 | 988.97 | 986.16 | 1001.33 | 992.15 | 0.81 | ppb |
| Cadmium | 111-1 | 1004.40 | 1006.56 | 1015.03 | 1008.66 | 0.56 | ppb |
| Calcium | 43-1 | 112516.68 | 112785.20 | 113104.09 | 112801.99 | 0.26 | ppb |
| Calcium | 44-1 | 104323.81 | 104518.10 | 105897.64 | 104913.18 | 0.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 993.99 | 1003.76 | 995.54 | 997.76 | 0.53 | ppb |
| Cobalt | 59-2 | 989.68 | 998.52 | 1001.39 | 996.53 | 0.61 | ppb |
| Copper | 63-2 | 9883.94 | 10030.74 | 9982.97 | 9965.88 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 50985.05 | 51664.83 | 51745.28 | 51465.05 | 0.81 | ppb |
| Iron | 57-2 | 51193.55 | 51168.06 | 51665.19 | 51342.26 | 0.55 | ppb |
| Iron | 54-2 | 52213.10 | 52577.43 | 53044.89 | 52611.81 | 0.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4980.62 | 4951.18 | 5126.79 | 5019.53 | 1.87 | ppb |
| Lead | 207-1 | 4997.80 | 4931.98 | 5136.67 | 5022.15 | 2.08 | ppb |
| Lead | 208-1 | 5003.43 | 4949.66 | 5110.08 | 5021.06 | 1.63 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 97407.06 | 98492.85 | 98138.14 | 98012.69 | 0.56 | ppb |
| Manganese | 55-2 | 9890.65 | 10043.97 | 10021.26 | 9985.29 | 0.83 | ppb |
| Molybdenum | 94-1 | 9912.70 | 9997.53 | 10147.58 | 10019.27 | 1.19 | ppb |
| Molybdenum | 95-1 | 9969.68 | 9944.84 | 10135.79 | 10016.77 | 1.04 | ppb |
| Molybdenum | 96-1 | 10093.38 | 9918.40 | 10072.38 | 10028.05 | 0.95 | ppb |
| Molybdenum | 97-1 | 10029.76 | 9951.67 | 10097.91 | 10026.44 | 0.73 | ppb |
| Molybdenum | 98-1 | 10035.22 | 9974.15 | 10117.12 | 10042.16 | 0.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1008.08 | 1013.08 | 1002.68 | 1007.95 | 0.52 | ppb |
| Phosphorus | 31-2 | 19779.83 | 20099.22 | 19983.14 | 19954.06 | 0.81 | ppb |
| Potassium | 39-2 | 48820.31 | 48874.15 | 49166.29 | 48953.58 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 991.36 | 990.46 | 1007.11 | 996.31 | 0.94 | ppb |
| Selenium | 77-2 | 974.86 | 1029.06 | 990.09 | 998.00 | 2.80 | ppb |
| Selenium | 78-2 | 987.06 | 1006.90 | 1002.67 | 998.88 | 1.05 | ppb |
| Silicon | 28-1 | 1068.48 | 1056.77 | 1069.67 | 1064.97 | 0.67 | ppb |
| Silver | 107-1 | 984.01 | 986.60 | 996.88 | 989.16 | 0.69 | ppb |
| Silver | 109-1 | 985.18 | 981.35 | 1001.22 | 989.25 | 1.07 | ppb |
| Sodium | 23-2 | 98777.62 | 100753.42 | 99530.20 | 99687.08 | 1.00 | ppb |
| Strontium | 86-1 | 24902.36 | 24936.15 | 25274.34 | 25037.62 | 0.82 | ppb |
| Strontium | 88-1 | 24743.67 | 24988.52 | 25420.75 | 25050.98 | 1.37 | ppb |
| Sulfur | 34-1 | 19943.41 | 19987.04 | 20219.86 | 20050.10 | 0.74 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 996.77 | 994.46 | 1022.72 | 1004.65 | 1.56 | ppb |
| Thallium | 205-1 | 994.32 | 993.69 | 1029.91 | 1005.97 | 2.06 | ppb |
| Tin | 118-1 | 1001.68 | 983.41 | 1005.73 | 996.94 | 1.19 | ppb |
| Titanium | 47-1 | 9961.82 | 9914.34 | 10070.03 | 9982.06 | 0.80 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 986.79 | 1004.78 | 1041.35 | 1010.98 | 2.75 | ppb |
| Vanadium | 51-2 | 990.52 | 1011.61 | 991.57 | 997.90 | 1.19 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 9953.74 | 9956.25 | 9990.33 | 9966.78 | 0.21 | ppb |
| Zirconium | 90-1 | 989.25 | 1002.29 | 1016.85 | 1002.80 | 1.38 | ppb |
| Zirconium | 91-1 | 996.10 | 1001.10 | 1015.22 | 1004.14 | 0.99 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 99817.78 | 100679.02 | 100157.56 | 100218.12 | 0.43 | ppb |
| Antimony | 121-1 | 0.66 | 0.66 | 0.70 | 0.67 | 3.71 | ppb |
| Arsenic | 75-2 | 0.62 | 0.49 | 0.62 | 0.58 | 13.44 | ppb |
| Barium | 135-1 | 1.80 | 1.92 | 1.83 | 1.85 | 3.43 | ppb |
| Barium | 137-1 | 1.91 | 1.95 | 1.87 | 1.91 | 2.21 | ppb |
| Beryllium | 9-1 | 0.10 | 0.09 | 0.10 | 0.10 | 3.76 | ppb |
| Bismuth | 209-1 | | | | 88 | | % |
| Bismuth | 209-2 | | | | 90 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.26 | 0.46 | 0.50 | 0.41 | 32.36 | ppb |
| Cadmium | 106-1 | -0.17 | 0.01 | -0.68 | -0.28 | | ppb |
| Cadmium | 111-1 | 0.15 | 0.12 | 0.09 | 0.12 | 29.14 | ppb |
| Calcium | 43-1 | 488230.75 | 500624.37 | 500361.58 | 496405.57 | 1.43 | ppb |
| Calcium | 44-1 | 490206.20 | 501457.76 | 504212.51 | 498625.49 | 1.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.03 | 3.04 | 3.03 | 3.04 | 0.14 | ppb |
| Cobalt | 59-2 | 2.57 | 2.59 | 2.63 | 2.59 | 1.11 | ppb |
| Copper | 63-2 | 1.79 | 1.84 | 1.83 | 1.82 | 1.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 247642.10 | 250866.43 | 250249.66 | 249586.06 | 0.69 | ppb |
| Iron | 57-2 | 247744.59 | 251027.32 | 249991.09 | 249587.67 | 0.67 | ppb |
| Iron | 54-2 | 249136.61 | 249393.81 | 249311.27 | 249280.56 | 0.05 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.85 | 0.82 | 0.84 | 0.84 | 1.75 | ppb |
| Lead | 207-1 | 0.81 | 0.86 | 0.86 | 0.84 | 3.72 | ppb |
| Lead | 208-1 | 0.83 | 0.86 | 0.86 | 0.85 | 1.77 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 496081.60 | 503156.81 | 502566.34 | 500601.58 | 0.78 | ppb |
| Manganese | 55-2 | 4.85 | 4.47 | 4.46 | 4.59 | 4.85 | ppb |
| Molybdenum | 94-1 | 2.32 | 2.28 | 2.25 | 2.28 | 1.62 | ppb |
| Molybdenum | 95-1 | 1.44 | 1.42 | 1.52 | 1.46 | 3.90 | ppb |
| Molybdenum | 96-1 | 3.29 | 3.39 | 3.53 | 3.40 | 3.49 | ppb |
| Molybdenum | 97-1 | 1.45 | 1.53 | 1.46 | 1.48 | 2.80 | ppb |
| Molybdenum | 98-1 | 1.36 | 1.33 | 1.29 | 1.33 | 2.32 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 3.35 | 3.43 | 3.49 | 3.42 | 2.00 | ppb |
| Phosphorus | 31-2 | -14.02 | -12.07 | -14.77 | -13.62 | | ppb |
| Potassium | 39-2 | 247747.07 | 252430.51 | 250753.29 | 250310.29 | 0.95 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 1.24 | 0.95 | 1.07 | 1.09 | 13.12 | ppb |
| Selenium | 77-2 | 0.48 | 0.48 | 0.48 | 0.48 | 1.01 | ppb |
| Selenium | 78-2 | -0.36 | 0.29 | -0.78 | -0.28 | | ppb |
| Silicon | 28-1 | 4.99 | 4.71 | 4.37 | 4.69 | 6.62 | ppb |
| Silver | 107-1 | 0.15 | 0.13 | 0.11 | 0.13 | 16.25 | ppb |
| Silver | 109-1 | 0.14 | 0.13 | 0.12 | 0.13 | 11.27 | ppb |
| Sodium | 23-2 | 499114.30 | 498184.43 | 503245.91 | 500181.55 | 0.54 | ppb |
| Strontium | 86-1 | 4.03 | 3.99 | 4.08 | 4.03 | 1.05 | ppb |
| Strontium | 88-1 | 4.12 | 4.13 | 4.02 | 4.09 | 1.46 | ppb |
| Sulfur | 34-1 | -719.67 | -604.12 | -575.75 | -633.18 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.12 | 0.10 | 0.11 | 0.11 | 7.41 | ppb |
| Thallium | 205-1 | 0.11 | 0.12 | 0.11 | 0.12 | 6.26 | ppb |
| Tin | 118-1 | 0.35 | 0.35 | 0.39 | 0.37 | 6.45 | ppb |
| Titanium | 47-1 | 1.12 | 1.29 | 1.31 | 1.24 | 8.34 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.05 | 0.06 | 0.06 | 4.76 | ppb |
| Vanadium | 51-2 | 0.22 | 0.22 | 0.20 | 0.21 | 5.60 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 3.32 | 3.56 | 3.32 | 3.40 | 4.11 | ppb |
| Zirconium | 90-1 | 0.54 | 0.54 | 0.55 | 0.54 | 0.74 | ppb |
| Zirconium | 91-1 | 0.53 | 0.58 | 0.59 | 0.57 | 5.11 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 494.18 | 498.14 | 502.09 | 498.14 | 0.79 | ppb |
| Antimony | 121-1 | 203.30 | 204.88 | 212.47 | 206.88 | 2.37 | ppb |
| Arsenic | 75-2 | 207.59 | 208.95 | 205.98 | 207.51 | 0.72 | ppb |
| Barium | 135-1 | 92.28 | 92.58 | 95.47 | 93.44 | 1.88 | ppb |
| Barium | 137-1 | 92.96 | 93.87 | 95.64 | 94.16 | 1.45 | ppb |
| Beryllium | 9-1 | 103.07 | 102.17 | 103.03 | 102.76 | 0.49 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 92.42 | 92.78 | 96.35 | 93.85 | 2.32 | ppb |
| Cadmium | 106-1 | 88.22 | 90.54 | 91.53 | 90.09 | 1.88 | ppb |
| Cadmium | 111-1 | 99.51 | 101.29 | 103.39 | 101.40 | 1.92 | ppb |
| Calcium | 43-1 | 2113.01 | 2123.18 | 2130.42 | 2122.20 | 0.41 | ppb |
| Calcium | 44-1 | 2131.78 | 2129.11 | 2142.32 | 2134.41 | 0.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 103.57 | 103.44 | 102.61 | 103.21 | 0.50 | ppb |
| Cobalt | 59-2 | 101.17 | 101.51 | 101.33 | 101.34 | 0.17 | ppb |
| Copper | 63-2 | 94.88 | 94.97 | 95.02 | 94.95 | 0.08 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 2070.93 | 2083.72 | 2087.98 | 2080.88 | 0.43 | ppb |
| Iron | 57-2 | 2134.89 | 2136.22 | 2148.61 | 2139.91 | 0.35 | ppb |
| Iron | 54-2 | 2246.85 | 2233.91 | 2251.15 | 2243.97 | 0.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 216.00 | 214.94 | 212.68 | 214.54 | 0.79 | ppb |
| Lead | 207-1 | 174.72 | 177.82 | 178.05 | 176.86 | 1.05 | ppb |
| Lead | 208-1 | 203.85 | 204.81 | 204.31 | 204.32 | 0.23 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 1269.40 | 1282.57 | 1280.67 | 1277.54 | 0.56 | ppb |
| Manganese | 55-2 | 100.57 | 102.33 | 100.66 | 101.19 | 0.98 | ppb |
| Molybdenum | 94-1 | 0.35 | 0.42 | 0.37 | 0.38 | 8.64 | ppb |
| Molybdenum | 95-1 | 0.30 | 0.29 | 0.28 | 0.29 | 3.41 | ppb |
| Molybdenum | 96-1 | 0.29 | 0.32 | 0.30 | 0.30 | 4.22 | ppb |
| Molybdenum | 97-1 | 0.29 | 0.28 | 0.28 | 0.28 | 1.95 | ppb |
| Molybdenum | 98-1 | 0.25 | 0.28 | 0.30 | 0.27 | 9.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 102.64 | 102.26 | 102.19 | 102.36 | 0.23 | ppb |
| Phosphorus | 31-2 | -15.13 | -13.88 | -12.34 | -13.78 | | ppb |
| Potassium | 39-2 | 2063.66 | 2079.10 | 2072.22 | 2071.66 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 213.29 | 218.18 | 217.84 | 216.44 | 1.26 | ppb |
| Selenium | 77-2 | 220.64 | 211.90 | 214.25 | 215.60 | 2.10 | ppb |
| Selenium | 78-2 | 213.97 | 221.21 | 218.99 | 218.05 | 1.70 | ppb |
| Silicon | 28-1 | 0.59 | 0.78 | 0.94 | 0.77 | 22.92 | ppb |
| Silver | 107-1 | 47.85 | 49.19 | 50.43 | 49.16 | 2.62 | ppb |
| Silver | 109-1 | 48.14 | 49.12 | 50.32 | 49.19 | 2.22 | ppb |
| Sodium | 23-2 | 2053.87 | 2056.83 | 2062.07 | 2057.59 | 0.20 | ppb |
| Strontium | 86-1 | 0.82 | 0.85 | 0.76 | 0.81 | 5.49 | ppb |
| Strontium | 88-1 | 0.80 | 0.82 | 0.80 | 0.81 | 1.33 | ppb |
| Sulfur | 34-1 | -476.77 | -515.05 | -394.53 | -462.12 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 215.62 | 218.89 | 215.21 | 216.57 | 0.93 | ppb |
| Thallium | 205-1 | 211.83 | 215.19 | 214.35 | 213.79 | 0.82 | ppb |
| Tin | 118-1 | 0.07 | 0.07 | 0.12 | 0.09 | 35.06 | ppb |
| Titanium | 47-1 | 0.27 | 0.27 | 0.35 | 0.30 | 14.00 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.38 | ppb |
| Vanadium | 51-2 | 100.18 | 100.36 | 100.75 | 100.43 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 196.09 | 196.23 | 195.77 | 196.03 | 0.12 | ppb |
| Zirconium | 90-1 | 0.08 | 0.08 | 0.09 | 0.08 | 3.56 | ppb |
| Zirconium | 91-1 | 0.13 | 0.11 | 0.15 | 0.13 | 15.36 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.50 | 1.85 | 1.39 | 1.58 | 15.10 | ppb |
| Antimony | 121-1 | 0.13 | 0.15 | 0.16 | 0.15 | 11.09 | ppb |
| Arsenic | 75-2 | 0.04 | 0.03 | 0.03 | 0.03 | 26.73 | ppb |
| Barium | 135-1 | 0.07 | 0.07 | 0.11 | 0.08 | 28.64 | ppb |
| Barium | 137-1 | 0.07 | 0.07 | 0.08 | 0.07 | 7.37 | ppb |
| Beryllium | 9-1 | 0.05 | 0.01 | 0.04 | 0.03 | 60.83 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | 0.01 | 0.07 | 0.04 | 66.03 | ppb |
| Cadmium | 106-1 | -0.40 | -0.19 | -0.75 | -0.45 | | ppb |
| Cadmium | 111-1 | 0.01 | 0.01 | -0.03 | 0.00 | | ppb |
| Calcium | 43-1 | 6.70 | 5.09 | 8.57 | 6.78 | 25.69 | ppb |
| Calcium | 44-1 | 5.62 | 6.29 | 6.74 | 6.22 | 9.03 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.04 | 0.02 | 0.02 | 74.66 | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.01 | 0.01 | 34.00 | ppb |
| Copper | 63-2 | 0.13 | 0.19 | 0.17 | 0.16 | 18.92 | 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 | | | | 100 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 3.91 | 4.94 | 4.16 | 4.34 | 12.46 | ppb |
| Iron | 57-2 | 3.75 | 4.48 | 5.88 | 4.70 | 23.04 | ppb |
| Iron | 54-2 | 3.33 | 5.94 | 5.29 | 4.86 | 28.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.10 | 0.11 | 0.10 | 7.82 | ppb |
| Lead | 207-1 | 0.12 | 0.12 | 0.13 | 0.12 | 5.31 | ppb |
| Lead | 208-1 | 0.11 | 0.11 | 0.12 | 0.11 | 4.43 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 8.37 | 9.76 | 8.78 | 8.97 | 7.93 | ppb |
| Manganese | 55-2 | 0.14 | 0.16 | 0.14 | 0.15 | 6.08 | ppb |
| Molybdenum | 94-1 | 0.14 | 0.14 | 0.18 | 0.15 | 15.72 | ppb |
| Molybdenum | 95-1 | 0.14 | 0.15 | 0.17 | 0.16 | 7.65 | ppb |
| Molybdenum | 96-1 | 0.14 | 0.16 | 0.16 | 0.15 | 8.28 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.17 | 0.16 | 0.16 | 3.76 | ppb |
| Molybdenum | 98-1 | 0.14 | 0.14 | 0.15 | 0.15 | 3.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.03 | -0.01 | 0.01 | 361.45 | ppb |
| Phosphorus | 31-2 | -19.13 | -12.29 | -15.56 | -15.66 | | ppb |
| Potassium | 39-2 | 5.01 | 18.83 | 11.98 | 11.94 | 57.88 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 0.10 | 0.13 | -0.41 | -0.06 | | ppb |
| Selenium | 77-2 | -0.22 | -0.22 | 0.01 | -0.14 | | ppb |
| Selenium | 78-2 | -0.12 | 0.20 | 0.58 | 0.22 | 161.33 | ppb |
| Silicon | 28-1 | -0.01 | 0.29 | 0.81 | 0.36 | 114.03 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.03 | 0.04 | 11.13 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.04 | 0.04 | 2.49 | ppb |
| Sodium | 23-2 | 36.63 | 43.88 | 38.97 | 39.83 | 9.29 | ppb |
| Strontium | 86-1 | 0.36 | 0.37 | 0.33 | 0.35 | 6.70 | ppb |
| Strontium | 88-1 | 0.33 | 0.34 | 0.35 | 0.34 | 2.58 | ppb |
| Sulfur | 34-1 | -592.32 | -528.29 | -498.02 | -539.54 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.04 | 13.05 | ppb |
| Thallium | 205-1 | 0.05 | 0.05 | 0.04 | 0.05 | 6.76 | ppb |
| Tin | 118-1 | -0.01 | 0.01 | 0.00 | 0.00 | 1054.20 | ppb |
| Titanium | 47-1 | 0.09 | 0.12 | 0.16 | 0.12 | 24.98 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 3.45 | ppb |
| Vanadium | 51-2 | 0.02 | 0.03 | 0.02 | 0.02 | 18.96 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 0.19 | 0.25 | 0.24 | 0.23 | 15.37 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.63 | ppb |
| Zirconium | 91-1 | 0.01 | 0.03 | 0.02 | 0.02 | 62.09 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 89268.82 | 88728.41 | 88724.21 | 88907.15 | 0.35 | ppb |
| Antimony | 121-1 | 1.08 | 1.10 | 1.16 | 1.11 | 3.34 | ppb |
| Arsenic | 75-2 | 0.37 | 0.48 | 0.42 | 0.42 | 13.30 | ppb |
| Barium | 135-1 | 1.32 | 1.32 | 1.33 | 1.32 | 0.56 | ppb |
| Barium | 137-1 | 1.31 | 1.32 | 1.28 | 1.30 | 1.81 | ppb |
| Beryllium | 9-1 | 0.31 | 0.26 | 0.28 | 0.28 | 10.39 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.82 | 7.25 | 6.64 | 6.90 | 4.57 | ppb |
| Cadmium | 106-1 | -1.32 | -1.12 | -0.95 | -1.13 | | ppb |
| Cadmium | 111-1 | 0.22 | 0.24 | 0.26 | 0.24 | 8.22 | ppb |
| Calcium | 43-1 | 93386.67 | 95452.84 | 97634.06 | 95491.19 | 2.22 | ppb |
| Calcium | 44-1 | 92005.63 | 94891.42 | 96299.97 | 94399.01 | 2.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19.88 | 20.12 | 20.01 | 20.00 | 0.61 | ppb |
| Cobalt | 59-2 | 1.22 | 1.18 | 1.21 | 1.20 | 1.94 | ppb |
| Copper | 63-2 | 7.07 | 7.08 | 6.83 | 6.99 | 2.01 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 99527.44 | 100352.61 | 100854.78 | 100244.94 | 0.67 | ppb |
| Iron | 57-2 | 99799.80 | 99218.49 | 100123.74 | 99714.01 | 0.46 | ppb |
| Iron | 54-2 | 101153.42 | 101450.60 | 101128.61 | 101244.21 | 0.18 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3.87 | 4.04 | 4.08 | 3.99 | 2.78 | ppb |
| Lead | 207-1 | 3.52 | 3.67 | 3.67 | 3.62 | 2.41 | ppb |
| Lead | 208-1 | 3.68 | 3.82 | 3.80 | 3.77 | 1.91 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 96685.30 | 95095.38 | 96360.84 | 96047.17 | 0.87 | ppb |
| Manganese | 55-2 | 7.84 | 7.67 | 7.82 | 7.78 | 1.19 | ppb |
| Molybdenum | 94-1 | 1410.78 | 1456.74 | 1445.98 | 1437.83 | 1.67 | ppb |
| Molybdenum | 95-1 | 1716.91 | 1750.62 | 1753.43 | 1740.32 | 1.17 | ppb |
| Molybdenum | 96-1 | 1671.94 | 1702.86 | 1717.02 | 1697.27 | 1.36 | ppb |
| Molybdenum | 97-1 | 1657.92 | 1719.47 | 1761.73 | 1713.04 | 3.05 | ppb |
| Molybdenum | 98-1 | 1668.44 | 1736.03 | 1733.47 | 1712.65 | 2.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.10 | 5.23 | 5.09 | 5.14 | 1.57 | ppb |
| Phosphorus | 31-2 | 97570.80 | 95266.11 | 96356.97 | 96397.96 | 1.20 | ppb |
| Potassium | 39-2 | 95846.88 | 95276.94 | 95442.41 | 95522.08 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | -0.03 | -0.41 | -0.20 | -0.21 | | ppb |
| Selenium | 77-2 | 0.00 | 0.23 | 0.00 | 0.08 | 171.78 | ppb |
| Selenium | 78-2 | 0.02 | -0.82 | -0.22 | -0.34 | | ppb |
| Silicon | 28-1 | 5.30 | 5.89 | 6.24 | 5.81 | 8.15 | ppb |
| Silver | 107-1 | 0.10 | 0.09 | 0.09 | 0.09 | 7.83 | ppb |
| Silver | 109-1 | 0.11 | 0.09 | 0.07 | 0.09 | 20.28 | ppb |
| Sodium | 23-2 | 97260.15 | 97566.87 | 97623.69 | 97483.57 | 0.20 | ppb |
| Strontium | 86-1 | 32.66 | 33.33 | 33.42 | 33.13 | 1.25 | ppb |
| Strontium | 88-1 | 32.26 | 33.52 | 33.32 | 33.03 | 2.05 | ppb |
| Sulfur | 34-1 | 93105.21 | 96339.12 | 97234.35 | 95559.56 | 2.27 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.11 | 0.11 | 0.10 | 0.11 | 4.43 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.10 | 0.11 | 5.00 | ppb |
| Tin | 118-1 | 0.12 | 0.12 | 0.13 | 0.12 | 2.31 | ppb |
| Titanium | 47-1 | 1739.07 | 1775.53 | 1818.76 | 1777.79 | 2.24 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 17.25 | ppb |
| Vanadium | 51-2 | 0.19 | 0.20 | 0.21 | 0.20 | 5.31 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 10.97 | 10.92 | 10.62 | 10.84 | 1.74 | ppb |
| Zirconium | 90-1 | 0.04 | 0.04 | 0.04 | 0.04 | 7.86 | ppb |
| Zirconium | 91-1 | 0.04 | 0.03 | 0.05 | 0.04 | 23.94 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 86269.03 | 87737.38 | 85551.16 | 86519.19 | 1.29 | ppb |
| Antimony | 121-1 | 19.20 | 19.66 | 21.42 | 20.09 | 5.83 | ppb |
| Arsenic | 75-2 | 20.31 | 19.50 | 19.61 | 19.81 | 2.22 | ppb |
| Barium | 135-1 | 18.93 | 19.25 | 20.34 | 19.51 | 3.80 | ppb |
| Barium | 137-1 | 18.88 | 19.37 | 20.68 | 19.64 | 4.74 | ppb |
| Beryllium | 9-1 | 20.18 | 20.77 | 22.58 | 21.18 | 5.91 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 23.35 | 24.52 | 26.18 | 24.68 | 5.77 | ppb |
| Cadmium | 106-1 | 14.61 | 15.29 | 16.97 | 15.62 | 7.76 | ppb |
| Cadmium | 111-1 | 18.12 | 18.28 | 20.09 | 18.83 | 5.80 | ppb |
| Calcium | 43-1 | 93080.68 | 92719.19 | 105248.41 | 97016.09 | 7.35 | ppb |
| Calcium | 44-1 | 93020.15 | 92728.40 | 105404.15 | 97050.90 | 7.46 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 38.97 | 39.06 | 39.02 | 39.02 | 0.11 | ppb |
| Cobalt | 59-2 | 19.99 | 20.00 | 20.13 | 20.04 | 0.40 | ppb |
| Copper | 63-2 | 24.28 | 24.13 | 24.10 | 24.17 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 97622.03 | 99283.49 | 99278.49 | 98728.01 | 0.97 | ppb |
| Iron | 57-2 | 97904.05 | 98401.87 | 96930.25 | 97745.39 | 0.77 | ppb |
| Iron | 54-2 | 98641.19 | 98197.37 | 98710.35 | 98516.30 | 0.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.19 | 22.98 | 25.85 | 24.01 | 6.68 | ppb |
| Lead | 207-1 | 21.88 | 21.52 | 24.74 | 22.72 | 7.76 | ppb |
| Lead | 208-1 | 22.27 | 22.02 | 25.08 | 23.12 | 7.34 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 93942.33 | 95103.18 | 93119.48 | 94055.00 | 1.06 | ppb |
| Manganese | 55-2 | 26.39 | 26.57 | 26.59 | 26.52 | 0.41 | ppb |
| Molybdenum | 94-1 | 1428.51 | 1422.47 | 1587.24 | 1479.41 | 6.32 | ppb |
| Molybdenum | 95-1 | 1697.27 | 1710.15 | 1906.62 | 1771.35 | 6.62 | ppb |
| Molybdenum | 96-1 | 1665.09 | 1682.69 | 1877.72 | 1741.83 | 6.78 | ppb |
| Molybdenum | 97-1 | 1709.44 | 1699.34 | 1915.98 | 1774.92 | 6.89 | ppb |
| Molybdenum | 98-1 | 1691.73 | 1681.85 | 1911.29 | 1761.63 | 7.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 23.35 | 22.90 | 23.21 | 23.15 | 1.00 | ppb |
| Phosphorus | 31-2 | 94324.84 | 92778.66 | 93500.86 | 93534.79 | 0.83 | ppb |
| Potassium | 39-2 | 93033.11 | 92562.48 | 93015.52 | 92870.37 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 19.24 | 19.43 | 21.97 | 20.21 | 7.55 | ppb |
| Selenium | 77-2 | 18.65 | 19.34 | 19.19 | 19.06 | 1.90 | ppb |
| Selenium | 78-2 | 18.26 | 17.87 | 19.12 | 18.42 | 3.48 | ppb |
| Silicon | 28-1 | 6.01 | 6.02 | 8.66 | 6.90 | 22.16 | ppb |
| Silver | 107-1 | 17.19 | 17.53 | 19.25 | 17.99 | 6.15 | ppb |
| Silver | 109-1 | 17.18 | 17.57 | 19.31 | 18.02 | 6.30 | ppb |
| Sodium | 23-2 | 95573.92 | 96351.77 | 93994.63 | 95306.77 | 1.26 | ppb |
| Strontium | 86-1 | 32.74 | 32.36 | 37.00 | 34.03 | 7.57 | ppb |
| Strontium | 88-1 | 32.53 | 32.53 | 36.71 | 33.92 | 7.12 | ppb |
| Sulfur | 34-1 | 95432.85 | 95052.30 | 107082.77 | 99189.31 | 6.89 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 18.31 | 17.99 | 20.05 | 18.78 | 5.91 | ppb |
| Thallium | 205-1 | 18.12 | 17.95 | 20.19 | 18.75 | 6.65 | ppb |
| Tin | 118-1 | 0.08 | 0.11 | 0.15 | 0.11 | 29.52 | ppb |
| Titanium | 47-1 | 1781.70 | 1763.31 | 1993.37 | 1846.13 | 6.93 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 16.55 | ppb |
| Vanadium | 51-2 | 19.45 | 19.42 | 19.60 | 19.49 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 29.72 | 29.14 | 28.67 | 29.17 | 1.81 | ppb |
| Zirconium | 90-1 | 0.03 | 0.02 | 0.04 | 0.03 | 23.86 | ppb |
| Zirconium | 91-1 | 0.03 | 0.03 | 0.03 | 0.03 | 8.46 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 47626.80 | 47842.71 | 47374.03 | 47614.51 | 0.49 | ppb |
| Antimony | 121-1 | 488.24 | 485.02 | 494.08 | 489.11 | 0.94 | ppb |
| Arsenic | 75-2 | 512.34 | 511.40 | 511.82 | 511.85 | 0.09 | ppb |
| Barium | 135-1 | 2453.13 | 2480.27 | 2514.53 | 2482.64 | 1.24 | ppb |
| Barium | 137-1 | 2459.02 | 2455.48 | 2516.59 | 2477.03 | 1.38 | ppb |
| Beryllium | 9-1 | 522.51 | 523.36 | 501.58 | 515.82 | 2.39 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 507.27 | 498.74 | 506.94 | 504.32 | 0.96 | ppb |
| Cadmium | 106-1 | 507.15 | 504.26 | 513.21 | 508.21 | 0.90 | ppb |
| Cadmium | 111-1 | 473.69 | 469.63 | 482.93 | 475.42 | 1.43 | ppb |
| Calcium | 43-1 | 242516.73 | 245293.13 | 245288.23 | 244366.03 | 0.66 | ppb |
| Calcium | 44-1 | 239735.25 | 241605.54 | 241542.34 | 240961.05 | 0.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 491.98 | 492.21 | 483.16 | 489.12 | 1.05 | ppb |
| Cobalt | 59-2 | 498.98 | 495.60 | 495.65 | 496.74 | 0.39 | ppb |
| Copper | 63-2 | 4795.81 | 4828.29 | 4778.61 | 4800.90 | 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 | | | | 106 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 121622.52 | 123442.44 | 122165.12 | 122410.02 | 0.76 | ppb |
| Iron | 57-2 | 122525.76 | 122884.41 | 121095.56 | 122168.58 | 0.77 | ppb |
| Iron | 54-2 | 121990.03 | 123877.44 | 123792.22 | 123219.90 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2516.70 | 2491.92 | 2459.29 | 2489.30 | 1.16 | ppb |
| Lead | 207-1 | 2503.90 | 2502.81 | 2457.49 | 2488.07 | 1.06 | ppb |
| Lead | 208-1 | 2500.62 | 2475.57 | 2460.47 | 2478.88 | 0.82 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 250504.16 | 252960.34 | 251729.43 | 251731.31 | 0.49 | ppb |
| Manganese | 55-2 | 4745.78 | 4841.29 | 4801.82 | 4796.29 | 1.00 | ppb |
| Molybdenum | 94-1 | 4933.95 | 4884.09 | 4989.50 | 4935.85 | 1.07 | ppb |
| Molybdenum | 95-1 | 4896.72 | 4837.57 | 4981.03 | 4905.10 | 1.47 | ppb |
| Molybdenum | 96-1 | 4876.49 | 4854.12 | 5000.86 | 4910.49 | 1.61 | ppb |
| Molybdenum | 97-1 | 4894.92 | 4866.91 | 4913.19 | 4891.67 | 0.48 | ppb |
| Molybdenum | 98-1 | 4841.07 | 4838.60 | 4913.66 | 4864.44 | 0.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 463.83 | 466.42 | 462.19 | 464.15 | 0.46 | ppb |
| Phosphorus | 31-2 | 9851.66 | 9873.36 | 9790.28 | 9838.43 | 0.44 | ppb |
| Potassium | 39-2 | 119005.37 | 120613.89 | 120032.59 | 119883.95 | 0.68 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 493.78 | 498.60 | 500.85 | 497.74 | 0.73 | ppb |
| Selenium | 77-2 | 491.95 | 500.39 | 487.05 | 493.13 | 1.37 | ppb |
| Selenium | 78-2 | 502.47 | 508.82 | 499.63 | 503.64 | 0.93 | ppb |
| Silicon | 28-1 | 2263.66 | 2267.85 | 2295.19 | 2275.57 | 0.75 | ppb |
| Silver | 107-1 | 505.84 | 498.99 | 505.11 | 503.31 | 0.75 | ppb |
| Silver | 109-1 | 500.09 | 493.28 | 510.37 | 501.25 | 1.72 | ppb |
| Sodium | 23-2 | 238052.76 | 242298.26 | 238725.34 | 239692.12 | 0.95 | ppb |
| Strontium | 86-1 | 12226.83 | 12131.12 | 12212.59 | 12190.18 | 0.42 | ppb |
| Strontium | 88-1 | 12187.45 | 12110.96 | 12305.45 | 12201.29 | 0.80 | ppb |
| Sulfur | 34-1 | 9148.68 | 9056.50 | 9227.13 | 9144.10 | 0.93 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 505.09 | 503.09 | 494.38 | 500.85 | 1.14 | ppb |
| Thallium | 205-1 | 500.56 | 496.56 | 494.56 | 497.23 | 0.61 | ppb |
| Tin | 118-1 | 485.18 | 478.71 | 479.12 | 481.01 | 0.75 | ppb |
| Titanium | 47-1 | 4887.30 | 4930.80 | 4947.78 | 4921.96 | 0.63 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 500.42 | 498.03 | 511.22 | 503.23 | 1.40 | ppb |
| Vanadium | 51-2 | 495.97 | 498.49 | 489.78 | 494.75 | 0.91 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 4806.56 | 4876.81 | 4836.35 | 4839.91 | 0.73 | ppb |
| Zirconium | 90-1 | 501.94 | 499.86 | 503.72 | 501.84 | 0.38 | ppb |
| Zirconium | 91-1 | 503.22 | 500.15 | 508.74 | 504.04 | 0.86 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.41 | 1.62 | 1.32 | 1.45 | 10.63 | ppb |
| Antimony | 121-1 | 0.22 | 0.25 | 0.34 | 0.27 | 21.29 | ppb |
| Arsenic | 75-2 | 0.00 | 0.04 | 0.00 | 0.01 | 187.50 | ppb |
| Barium | 135-1 | 0.09 | 0.06 | 0.05 | 0.07 | 27.54 | ppb |
| Barium | 137-1 | 0.08 | 0.07 | 0.04 | 0.07 | 32.71 | ppb |
| Beryllium | 9-1 | 0.05 | 0.04 | 0.02 | 0.03 | 45.44 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.03 | 0.08 | 0.05 | 69.70 | ppb |
| Cadmium | 106-1 | -0.53 | -0.38 | -0.84 | -0.58 | | ppb |
| Cadmium | 111-1 | 0.00 | 0.01 | -0.04 | -0.01 | | ppb |
| Calcium | 43-1 | 5.56 | 92.29 | 3.56 | 33.80 | 149.85 | ppb |
| Calcium | 44-1 | 7.11 | 94.72 | 3.67 | 35.17 | 146.73 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | -0.01 | 0.01 | 0.00 | 380.48 | ppb |
| Cobalt | 59-2 | 0.01 | 0.00 | 0.01 | 0.01 | 42.76 | ppb |
| Copper | 63-2 | 0.14 | 0.17 | 0.15 | 0.15 | 8.84 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 106 | | % |
| Iron | 56-2 | 3.40 | 3.14 | 3.39 | 3.31 | 4.37 | ppb |
| Iron | 57-2 | 1.22 | 2.49 | 0.85 | 1.52 | 56.34 | ppb |
| Iron | 54-2 | 3.37 | 2.73 | 2.50 | 2.87 | 15.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.14 | 0.11 | 0.12 | 0.12 | 11.61 | ppb |
| Lead | 207-1 | 0.15 | 0.12 | 0.10 | 0.12 | 23.46 | ppb |
| Lead | 208-1 | 0.15 | 0.11 | 0.12 | 0.13 | 15.09 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 6.57 | 6.55 | 6.29 | 6.47 | 2.47 | ppb |
| Manganese | 55-2 | 0.07 | 0.11 | 0.10 | 0.09 | 21.94 | ppb |
| Molybdenum | 94-1 | 0.34 | 0.51 | 0.32 | 0.39 | 26.16 | ppb |
| Molybdenum | 95-1 | 0.31 | 0.31 | 0.26 | 0.29 | 11.16 | ppb |
| Molybdenum | 96-1 | 0.29 | 0.38 | 0.28 | 0.32 | 18.17 | ppb |
| Molybdenum | 97-1 | 0.28 | 0.32 | 0.25 | 0.28 | 13.14 | ppb |
| Molybdenum | 98-1 | 0.27 | 0.33 | 0.27 | 0.29 | 12.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | 0.00 | 0.01 | 0.01 | 91.52 | ppb |
| Phosphorus | 31-2 | -13.66 | -12.81 | -17.88 | -14.78 | | ppb |
| Potassium | 39-2 | 9.52 | 10.83 | 9.00 | 9.78 | 9.66 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | -0.50 | -0.34 | -0.26 | -0.37 | | ppb |
| Selenium | 77-2 | -0.22 | -0.22 | -0.22 | -0.22 | | ppb |
| Selenium | 78-2 | -0.76 | 1.50 | -1.36 | -0.21 | | ppb |
| Silicon | 28-1 | 0.00 | 0.18 | 0.03 | 0.07 | 129.50 | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.04 | 0.04 | 16.40 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.03 | 0.04 | 23.03 | ppb |
| Sodium | 23-2 | 39.23 | 39.63 | 37.95 | 38.94 | 2.25 | ppb |
| Strontium | 86-1 | 0.43 | 0.60 | 0.29 | 0.44 | 34.32 | ppb |
| Strontium | 88-1 | 0.40 | 0.53 | 0.26 | 0.39 | 33.65 | ppb |
| Sulfur | 34-1 | -619.55 | -501.66 | -534.13 | -551.78 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.05 | 0.05 | 0.05 | 0.05 | 3.41 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.04 | 0.04 | 10.71 | ppb |
| Tin | 118-1 | 0.05 | 0.06 | 0.07 | 0.06 | 16.51 | ppb |
| Titanium | 47-1 | 0.25 | 1.64 | 0.22 | 0.70 | 115.41 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 30.22 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 36.31 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 0.01 | 0.01 | 0.07 | 0.03 | 117.15 | ppb |
| Zirconium | 90-1 | 0.06 | 0.07 | 0.06 | 0.06 | 10.27 | ppb |
| Zirconium | 91-1 | 0.07 | 0.08 | 0.07 | 0.07 | 9.48 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.02 | 1.13 | 0.86 | 1.01 | 13.41 | ppb |
| Antimony | 121-1 | 0.06 | 0.08 | 0.10 | 0.08 | 22.79 | ppb |
| Arsenic | 75-2 | 0.02 | 0.01 | 0.01 | 0.01 | 74.84 | ppb |
| Barium | 135-1 | 0.04 | 0.02 | 0.01 | 0.02 | 49.13 | ppb |
| Barium | 137-1 | 0.02 | 0.03 | 0.03 | 0.03 | 10.13 | ppb |
| Beryllium | 9-1 | 0.01 | 0.01 | -0.02 | 0.00 | 7930.83 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.03 | 0.07 | 0.04 | 50.43 | ppb |
| Cadmium | 106-1 | -0.51 | -0.46 | -1.47 | -0.81 | | ppb |
| Cadmium | 111-1 | -0.03 | -0.03 | -0.09 | -0.05 | | ppb |
| Calcium | 43-1 | 3.15 | 1.21 | 0.31 | 1.56 | 93.31 | ppb |
| Calcium | 44-1 | 0.62 | 0.69 | 0.56 | 0.62 | 11.14 | 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 | 190.17 | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | 1188.86 | ppb |
| Copper | 63-2 | 0.10 | 0.10 | 0.09 | 0.09 | 5.89 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 1.93 | 2.01 | 2.17 | 2.04 | 6.03 | ppb |
| Iron | 57-2 | -0.08 | 0.87 | 0.70 | 0.50 | 101.11 | ppb |
| Iron | 54-2 | 0.73 | 1.25 | 2.17 | 1.38 | 52.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.06 | 0.07 | 0.04 | 0.06 | 27.01 | ppb |
| Lead | 207-1 | 0.06 | 0.06 | 0.06 | 0.06 | 4.50 | ppb |
| Lead | 208-1 | 0.06 | 0.06 | 0.05 | 0.06 | 13.10 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 3.59 | 3.65 | 4.65 | 3.97 | 15.03 | ppb |
| Manganese | 55-2 | 0.05 | 0.07 | 0.05 | 0.06 | 24.19 | ppb |
| Molybdenum | 94-1 | 0.12 | 0.11 | 0.14 | 0.12 | 11.61 | ppb |
| Molybdenum | 95-1 | 0.13 | 0.12 | 0.11 | 0.12 | 6.83 | ppb |
| Molybdenum | 96-1 | 0.10 | 0.11 | 0.10 | 0.10 | 8.96 | ppb |
| Molybdenum | 97-1 | 0.11 | 0.10 | 0.11 | 0.11 | 7.28 | ppb |
| Molybdenum | 98-1 | 0.11 | 0.10 | 0.09 | 0.10 | 10.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Phosphorus | 31-2 | -17.08 | -14.68 | -15.12 | -15.63 | | ppb |
| Potassium | 39-2 | 3.95 | 4.38 | 5.91 | 4.75 | 21.67 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | -0.07 | -0.60 | -0.52 | -0.40 | | ppb |
| Selenium | 77-2 | -0.22 | -0.22 | -0.22 | -0.22 | | ppb |
| Selenium | 78-2 | -0.48 | 0.45 | -0.42 | -0.15 | | ppb |
| Silicon | 28-1 | -0.16 | -0.05 | 0.14 | -0.02 | | ppb |
| Silver | 107-1 | 0.02 | 0.01 | 0.01 | 0.01 | 22.15 | ppb |
| Silver | 109-1 | 0.02 | 0.01 | 0.01 | 0.02 | 28.24 | ppb |
| Sodium | 23-2 | 26.04 | 26.14 | 26.33 | 26.17 | 0.57 | ppb |
| Strontium | 86-1 | 0.17 | 0.13 | 0.14 | 0.15 | 15.28 | ppb |
| Strontium | 88-1 | 0.17 | 0.16 | 0.12 | 0.15 | 16.51 | ppb |
| Sulfur | 34-1 | -463.63 | -495.82 | -416.95 | -458.80 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 23.98 | ppb |
| Thallium | 205-1 | 0.03 | 0.03 | 0.03 | 0.03 | 6.79 | ppb |
| Tin | 118-1 | -0.01 | 0.01 | 0.00 | 0.00 | | ppb |
| Titanium | 47-1 | 0.10 | 0.10 | 0.07 | 0.09 | 18.58 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 37.19 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 20.19 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 0.00 | 0.01 | 0.08 | 0.03 | 162.89 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.03 | 25.80 | ppb |
| Zirconium | 91-1 | 0.02 | 0.03 | 0.04 | 0.03 | 19.55 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 40.08 | 50.39 | 37.28 | 42.58 | 16.21 | ppb |
| Antimony | 121-1 | 3.83 | 3.84 | 3.91 | 3.86 | 1.11 | ppb |
| Arsenic | 75-2 | 2.07 | 1.88 | 2.15 | 2.03 | 6.93 | ppb |
| Barium | 135-1 | 17.73 | 17.83 | 18.28 | 17.95 | 1.63 | ppb |
| Barium | 137-1 | 17.74 | 17.99 | 18.08 | 17.94 | 0.99 | ppb |
| Beryllium | 9-1 | 1.99 | 2.09 | 2.19 | 2.09 | 4.67 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.86 | 1.67 | 2.01 | 1.85 | 9.11 | ppb |
| Cadmium | 106-1 | 1.73 | 1.12 | 2.04 | 1.63 | 28.87 | ppb |
| Cadmium | 111-1 | 1.81 | 1.77 | 1.91 | 1.83 | 3.84 | ppb |
| Calcium | 43-1 | 955.58 | 999.44 | 985.29 | 980.10 | 2.28 | ppb |
| Calcium | 44-1 | 973.58 | 976.61 | 972.33 | 974.17 | 0.23 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.05 | 3.99 | 4.10 | 4.05 | 1.43 | ppb |
| Cobalt | 59-2 | 2.01 | 2.01 | 2.00 | 2.01 | 0.33 | ppb |
| Copper | 63-2 | 4.05 | 4.12 | 3.96 | 4.04 | 2.04 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 407.47 | 405.97 | 407.23 | 406.89 | 0.20 | ppb |
| Iron | 57-2 | 412.31 | 424.36 | 418.15 | 418.27 | 1.44 | ppb |
| Iron | 54-2 | 427.23 | 440.96 | 422.19 | 430.13 | 2.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.77 | 1.65 | 1.72 | 1.71 | 3.55 | ppb |
| Lead | 207-1 | 1.70 | 1.73 | 1.73 | 1.72 | 1.09 | ppb |
| Lead | 208-1 | 1.72 | 1.68 | 1.70 | 1.70 | 1.08 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1058.59 | 1080.90 | 1049.76 | 1063.08 | 1.51 | ppb |
| Manganese | 55-2 | 2.00 | 2.17 | 2.03 | 2.07 | 4.61 | ppb |
| Molybdenum | 94-1 | 10.39 | 10.19 | 10.52 | 10.37 | 1.59 | ppb |
| Molybdenum | 95-1 | 8.55 | 8.55 | 8.68 | 8.59 | 0.83 | ppb |
| Molybdenum | 96-1 | 8.69 | 8.71 | 8.81 | 8.74 | 0.77 | ppb |
| Molybdenum | 97-1 | 8.57 | 8.56 | 8.74 | 8.62 | 1.16 | ppb |
| Molybdenum | 98-1 | 8.45 | 8.47 | 8.55 | 8.49 | 0.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.90 | 1.99 | 2.00 | 1.97 | 2.89 | ppb |
| Phosphorus | 31-2 | -16.80 | -10.52 | -14.69 | -14.00 | | ppb |
| Potassium | 39-2 | 1017.63 | 1032.37 | 1014.06 | 1021.35 | 0.95 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 10.73 | 10.32 | 10.31 | 10.46 | 2.31 | ppb |
| Selenium | 77-2 | 12.66 | 14.29 | 9.03 | 11.99 | 22.46 | ppb |
| Selenium | 78-2 | 11.41 | 9.29 | 9.54 | 10.08 | 11.49 | ppb |
| Silicon | 28-1 | 5.56 | 5.66 | 5.64 | 5.62 | 0.96 | ppb |
| Silver | 107-1 | 1.88 | 1.94 | 1.94 | 1.92 | 1.93 | ppb |
| Silver | 109-1 | 1.88 | 1.94 | 1.93 | 1.91 | 1.77 | ppb |
| Sodium | 23-2 | 1019.06 | 1030.91 | 1016.22 | 1022.06 | 0.76 | ppb |
| Strontium | 86-1 | 2.09 | 1.99 | 2.10 | 2.06 | 2.82 | ppb |
| Strontium | 88-1 | 1.97 | 2.00 | 2.03 | 2.00 | 1.42 | ppb |
| Sulfur | 34-1 | -443.28 | -361.29 | -424.10 | -409.56 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.66 | 1.67 | 1.63 | 1.65 | 1.17 | ppb |
| Thallium | 205-1 | 1.62 | 1.63 | 1.62 | 1.62 | 0.41 | ppb |
| Tin | 118-1 | 0.00 | 0.00 | 0.02 | 0.01 | 108.87 | ppb |
| Titanium | 47-1 | 8.96 | 9.14 | 9.19 | 9.10 | 1.36 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.55 | 1.56 | 1.56 | 0.80 | ppb |
| Vanadium | 51-2 | 10.01 | 9.79 | 9.76 | 9.85 | 1.35 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 10.21 | 9.81 | 9.61 | 9.88 | 3.14 | ppb |
| Zirconium | 90-1 | 1.91 | 1.91 | 1.96 | 1.93 | 1.48 | ppb |
| Zirconium | 91-1 | 1.95 | 2.00 | 1.95 | 1.97 | 1.25 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19.79 | 19.79 | 20.16 | 19.91 | 1.06 | ppb |
| Antimony | 121-1 | 2.07 | 1.97 | 2.01 | 2.02 | 2.61 | ppb |
| Arsenic | 75-2 | 1.10 | 1.22 | 1.00 | 1.11 | 9.66 | ppb |
| Barium | 135-1 | 9.83 | 8.97 | 9.08 | 9.29 | 5.04 | ppb |
| Barium | 137-1 | 9.65 | 9.06 | 9.02 | 9.24 | 3.82 | ppb |
| Beryllium | 9-1 | 1.12 | 1.07 | 1.10 | 1.09 | 2.23 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.17 | 1.25 | 1.15 | 1.19 | 4.63 | ppb |
| Cadmium | 106-1 | 0.90 | 0.45 | 0.72 | 0.69 | 32.59 | ppb |
| Cadmium | 111-1 | 1.02 | 0.91 | 0.89 | 0.94 | 7.34 | ppb |
| Calcium | 43-1 | 519.30 | 506.58 | 478.25 | 501.38 | 4.19 | ppb |
| Calcium | 44-1 | 518.92 | 486.37 | 494.56 | 499.95 | 3.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.00 | 2.01 | 2.09 | 2.03 | 2.37 | ppb |
| Cobalt | 59-2 | 1.02 | 1.00 | 1.02 | 1.01 | 1.32 | ppb |
| Copper | 63-2 | 2.00 | 2.06 | 2.07 | 2.04 | 1.88 | 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 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 210.55 | 212.63 | 213.20 | 212.13 | 0.66 | ppb |
| Iron | 57-2 | 211.35 | 206.01 | 214.97 | 210.78 | 2.14 | ppb |
| Iron | 54-2 | 216.83 | 218.60 | 217.46 | 217.63 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.92 | 0.91 | 0.84 | 0.89 | 5.01 | ppb |
| Lead | 207-1 | 0.88 | 0.89 | 0.89 | 0.89 | 0.44 | ppb |
| Lead | 208-1 | 0.92 | 0.88 | 0.88 | 0.89 | 2.70 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 530.86 | 536.61 | 540.33 | 535.93 | 0.89 | ppb |
| Manganese | 55-2 | 1.06 | 1.04 | 1.12 | 1.07 | 3.55 | ppb |
| Molybdenum | 94-1 | 5.79 | 5.26 | 5.38 | 5.48 | 5.07 | ppb |
| Molybdenum | 95-1 | 4.72 | 4.19 | 4.54 | 4.48 | 5.98 | ppb |
| Molybdenum | 96-1 | 4.80 | 4.38 | 4.54 | 4.57 | 4.58 | ppb |
| Molybdenum | 97-1 | 4.72 | 4.37 | 4.39 | 4.49 | 4.36 | ppb |
| Molybdenum | 98-1 | 4.75 | 4.25 | 4.43 | 4.47 | 5.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.04 | 1.07 | 1.04 | 1.05 | 1.60 | ppb |
| Phosphorus | 31-2 | -17.78 | -15.04 | -16.57 | -16.46 | | ppb |
| Potassium | 39-2 | 506.19 | 513.67 | 514.73 | 511.53 | 0.91 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 5.69 | 4.59 | 4.89 | 5.06 | 11.20 | ppb |
| Selenium | 77-2 | 4.60 | 2.65 | 3.05 | 3.44 | 30.07 | ppb |
| Selenium | 78-2 | 4.17 | 4.84 | 5.33 | 4.78 | 12.16 | ppb |
| Silicon | 28-1 | 3.81 | 2.74 | 2.84 | 3.13 | 18.80 | ppb |
| Silver | 107-1 | 1.02 | 0.95 | 0.98 | 0.99 | 3.49 | ppb |
| Silver | 109-1 | 1.05 | 0.99 | 1.00 | 1.01 | 3.19 | ppb |
| Sodium | 23-2 | 518.26 | 520.79 | 523.07 | 520.70 | 0.46 | ppb |
| Strontium | 86-1 | 1.25 | 1.11 | 1.14 | 1.17 | 6.31 | ppb |
| Strontium | 88-1 | 1.16 | 1.07 | 1.08 | 1.10 | 4.38 | ppb |
| Sulfur | 34-1 | -160.85 | -377.08 | -353.16 | -297.03 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.89 | 0.80 | 0.83 | 0.84 | 5.49 | ppb |
| Thallium | 205-1 | 0.90 | 0.83 | 0.84 | 0.85 | 4.53 | ppb |
| Tin | 118-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Titanium | 47-1 | 4.93 | 4.50 | 4.76 | 4.73 | 4.59 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.83 | 0.78 | 0.79 | 0.80 | 3.40 | ppb |
| Vanadium | 51-2 | 4.97 | 4.96 | 5.05 | 4.99 | 0.97 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 5.44 | 4.76 | 5.18 | 5.13 | 6.62 | ppb |
| Zirconium | 90-1 | 1.07 | 0.99 | 0.99 | 1.02 | 4.28 | ppb |
| Zirconium | 91-1 | 1.02 | 0.98 | 1.07 | 1.03 | 4.41 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38923.04 | 39704.85 | 39250.13 | 39292.67 | 1.00 | ppb |
| Antimony | 121-1 | 1.37 | 1.43 | 1.50 | 1.43 | 4.66 | ppb |
| Arsenic | 75-2 | 79.83 | 80.88 | 80.97 | 80.56 | 0.79 | ppb |
| Barium | 135-1 | 388.45 | 399.41 | 414.45 | 400.77 | 3.26 | ppb |
| Barium | 137-1 | 417.87 | 437.89 | 448.53 | 434.76 | 3.58 | ppb |
| Beryllium | 9-1 | 1.31 | 1.42 | 1.49 | 1.41 | 6.43 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.43 | 2.86 | 2.87 | 2.72 | 9.23 | ppb |
| Cadmium | 106-1 | 3.29 | 2.45 | 2.70 | 2.81 | 15.42 | ppb |
| Cadmium | 111-1 | 1.60 | 1.51 | 1.58 | 1.57 | 2.99 | ppb |
| Calcium | 43-1 | 16119.84 | 17028.41 | 17399.77 | 16849.34 | 3.91 | ppb |
| Calcium | 44-1 | 15141.30 | 15966.64 | 16283.83 | 15797.26 | 3.73 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 100.84 | 101.34 | 101.89 | 101.36 | 0.52 | ppb |
| Cobalt | 59-2 | 43.00 | 42.99 | 43.18 | 43.06 | 0.25 | ppb |
| Copper | 63-2 | 217.85 | 218.98 | 219.57 | 218.80 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 82715.71 | 83265.68 | 84106.70 | 83362.70 | 0.84 | ppb |
| Iron | 57-2 | 81728.92 | 81873.76 | 82636.99 | 82079.89 | 0.59 | ppb |
| Iron | 54-2 | 83787.00 | 82933.89 | 83618.58 | 83446.49 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 48.30 | 51.72 | 52.94 | 50.98 | 4.72 | ppb |
| Lead | 207-1 | 47.47 | 50.91 | 51.86 | 50.08 | 4.61 | ppb |
| Lead | 208-1 | 47.86 | 50.96 | 51.96 | 50.26 | 4.25 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 19663.11 | 19735.75 | 19772.67 | 19723.84 | 0.28 | ppb |
| Manganese | 55-2 | 2042.01 | 2049.44 | 2069.24 | 2053.56 | 0.69 | ppb |
| Molybdenum | 94-1 | 17.05 | 18.04 | 18.54 | 17.88 | 4.22 | ppb |
| Molybdenum | 95-1 | 1.50 | 1.58 | 1.67 | 1.58 | 5.20 | ppb |
| Molybdenum | 96-1 | 3.79 | 3.93 | 4.15 | 3.96 | 4.64 | ppb |
| Molybdenum | 97-1 | 1.49 | 1.57 | 1.58 | 1.55 | 3.32 | ppb |
| Molybdenum | 98-1 | 1.43 | 1.49 | 1.58 | 1.50 | 4.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 80.91 | 79.70 | 81.16 | 80.59 | 0.97 | ppb |
| Phosphorus | 31-2 | 2791.34 | 2868.74 | 2877.42 | 2845.83 | 1.67 | ppb |
| Potassium | 39-2 | 12474.45 | 12538.26 | 12658.51 | 12557.08 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 0.90 | 0.87 | 0.87 | 0.88 | 1.91 | ppb |
| Selenium | 77-2 | 16.53 | 23.69 | 16.67 | 18.96 | 21.59 | ppb |
| Selenium | 78-2 | 3.52 | 3.19 | 3.66 | 3.45 | 6.86 | ppb |
| Silicon | 28-1 | 1546.34 | 1628.35 | 1673.14 | 1615.94 | 3.98 | ppb |
| Silver | 107-1 | 0.61 | 0.56 | 0.58 | 0.58 | 3.55 | ppb |
| Silver | 109-1 | 0.57 | 0.57 | 0.59 | 0.57 | 1.66 | ppb |
| Sodium | 23-2 | 1082.07 | 1094.89 | 1099.08 | 1092.01 | 0.81 | ppb |
| Strontium | 86-1 | 80.24 | 82.93 | 85.60 | 82.92 | 3.24 | ppb |
| Strontium | 88-1 | 82.83 | 86.96 | 89.83 | 86.54 | 4.07 | ppb |
| Sulfur | 34-1 | -459.61 | -449.31 | -536.66 | -481.86 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 0.36 | 0.39 | 0.41 | 0.39 | 6.24 | ppb |
| Thallium | 205-1 | 0.37 | 0.40 | 0.41 | 0.39 | 5.71 | ppb |
| Tin | 118-1 | 2.42 | 2.58 | 2.71 | 2.57 | 5.67 | ppb |
| Titanium | 47-1 | 1065.41 | 1116.32 | 1125.06 | 1102.26 | 2.92 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.89 | 0.95 | 0.95 | 0.93 | 3.91 | ppb |
| Vanadium | 51-2 | 161.24 | 162.89 | 163.38 | 162.50 | 0.69 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 226.54 | 229.01 | 230.58 | 228.71 | 0.89 | ppb |
| Zirconium | 90-1 | 9.72 | 10.11 | 10.25 | 10.03 | 2.71 | ppb |
| Zirconium | 91-1 | 9.61 | 10.18 | 10.48 | 10.09 | 4.38 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 35730.66 | 34977.47 | 35231.97 | 35313.37 | 1.08 | ppb |
| Antimony | 121-1 | 3.58 | 3.67 | 3.79 | 3.68 | 2.80 | ppb |
| Arsenic | 75-2 | 142.02 | 142.37 | 144.82 | 143.07 | 1.07 | ppb |
| Barium | 135-1 | 432.05 | 445.32 | 462.95 | 446.78 | 3.47 | ppb |
| Barium | 137-1 | 465.56 | 474.11 | 495.18 | 478.28 | 3.19 | ppb |
| Beryllium | 9-1 | 1.51 | 1.55 | 1.66 | 1.57 | 4.93 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.20 | 3.11 | 3.87 | 3.40 | 12.22 | ppb |
| Cadmium | 106-1 | 3.62 | 4.98 | 4.70 | 4.43 | 16.28 | ppb |
| Cadmium | 111-1 | 2.34 | 2.46 | 2.41 | 2.40 | 2.45 | ppb |
| Calcium | 43-1 | 6759.34 | 6795.98 | 6774.30 | 6776.54 | 0.27 | ppb |
| Calcium | 44-1 | 6352.02 | 6311.00 | 6430.07 | 6364.36 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 91.98 | 91.19 | 91.26 | 91.48 | 0.48 | ppb |
| Cobalt | 59-2 | 48.93 | 48.73 | 48.28 | 48.64 | 0.69 | ppb |
| Copper | 63-2 | 256.83 | 254.73 | 254.68 | 255.41 | 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 | | | | 109 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 106130.35 | 105161.62 | 106503.73 | 105931.90 | 0.65 | ppb |
| Iron | 57-2 | 103546.58 | 104988.37 | 103440.21 | 103991.72 | 0.83 | ppb |
| Iron | 54-2 | 106237.25 | 105850.03 | 105870.62 | 105985.97 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 86.18 | 89.80 | 89.04 | 88.34 | 2.16 | ppb |
| Lead | 207-1 | 87.16 | 88.30 | 88.29 | 87.92 | 0.75 | ppb |
| Lead | 208-1 | 93.69 | 96.04 | 95.41 | 95.05 | 1.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 19054.71 | 18623.11 | 18959.53 | 18879.12 | 1.20 | ppb |
| Manganese | 55-2 | 2427.03 | 2389.15 | 2385.86 | 2400.68 | 0.95 | ppb |
| Molybdenum | 94-1 | 23.21 | 23.53 | 23.58 | 23.44 | 0.85 | ppb |
| Molybdenum | 95-1 | 1.47 | 1.49 | 1.49 | 1.48 | 0.76 | ppb |
| Molybdenum | 96-1 | 4.67 | 4.68 | 4.76 | 4.70 | 1.11 | ppb |
| Molybdenum | 97-1 | 1.49 | 1.53 | 1.46 | 1.49 | 2.32 | ppb |
| Molybdenum | 98-1 | 1.48 | 1.48 | 1.47 | 1.48 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.51 | 88.70 | 89.01 | 89.08 | 0.46 | ppb |
| Phosphorus | 31-2 | 2105.33 | 2063.49 | 2105.58 | 2091.47 | 1.16 | ppb |
| Potassium | 39-2 | 7711.88 | 7656.04 | 7648.39 | 7672.10 | 0.45 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 111 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 0.79 | 1.01 | 0.57 | 0.79 | 27.67 | ppb |
| Selenium | 77-2 | 16.01 | 18.65 | 18.73 | 17.80 | 8.67 | ppb |
| Selenium | 78-2 | 3.69 | 4.29 | 4.39 | 4.13 | 9.18 | ppb |
| Silicon | 28-1 | 1264.38 | 1290.24 | 1276.37 | 1277.00 | 1.01 | ppb |
| Silver | 107-1 | 0.59 | 0.59 | 0.61 | 0.60 | 1.93 | ppb |
| Silver | 109-1 | 0.55 | 0.58 | 0.60 | 0.58 | 4.32 | ppb |
| Sodium | 23-2 | 167.28 | 165.91 | 164.52 | 165.90 | 0.83 | ppb |
| Strontium | 86-1 | 56.33 | 57.43 | 58.32 | 57.36 | 1.74 | ppb |
| Strontium | 88-1 | 57.17 | 58.70 | 57.99 | 57.96 | 1.32 | ppb |
| Sulfur | 34-1 | -1384.39 | -1475.19 | -1478.40 | -1445.99 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 110 | | % |
| Thallium | 203-1 | 0.43 | 0.44 | 0.46 | 0.44 | 3.05 | ppb |
| Thallium | 205-1 | 0.42 | 0.43 | 0.45 | 0.44 | 3.17 | ppb |
| Tin | 118-1 | 2.95 | 3.06 | 3.20 | 3.07 | 3.97 | ppb |
| Titanium | 47-1 | 822.48 | 840.66 | 844.77 | 835.97 | 1.42 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.03 | 1.02 | 1.04 | 1.03 | 0.88 | ppb |
| Vanadium | 51-2 | 189.12 | 187.38 | 187.05 | 187.85 | 0.59 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 331.01 | 331.88 | 330.15 | 331.01 | 0.26 | ppb |
| Zirconium | 90-1 | 13.31 | 13.36 | 13.54 | 13.40 | 0.92 | ppb |
| Zirconium | 91-1 | 13.11 | 13.61 | 13.66 | 13.46 | 2.26 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51365.59 | 50548.24 | 50775.56 | 50896.46 | 0.83 | ppb |
| Antimony | 121-1 | 3.73 | 3.72 | 3.74 | 3.73 | 0.36 | ppb |
| Arsenic | 75-2 | 412.66 | 413.82 | 410.68 | 412.39 | 0.38 | ppb |
| Barium | 135-1 | 621.98 | 618.99 | 631.35 | 624.11 | 1.03 | ppb |
| Barium | 137-1 | 623.61 | 614.83 | 627.78 | 622.07 | 1.06 | ppb |
| Beryllium | 9-1 | 1.74 | 1.76 | 1.71 | 1.74 | 1.46 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.82 | 2.00 | 2.13 | 1.98 | 7.96 | ppb |
| Cadmium | 106-1 | 3.19 | 2.53 | 3.22 | 2.98 | 13.14 | ppb |
| Cadmium | 111-1 | 0.52 | 0.46 | 0.54 | 0.51 | 8.32 | ppb |
| Calcium | 43-1 | 77911.00 | 80281.62 | 80229.43 | 79474.02 | 1.70 | ppb |
| Calcium | 44-1 | 77698.63 | 80281.23 | 79950.63 | 79310.16 | 1.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 599.16 | 603.36 | 602.87 | 601.80 | 0.38 | ppb |
| Cobalt | 59-2 | 107.44 | 107.26 | 106.66 | 107.12 | 0.38 | ppb |
| Copper | 63-2 | 211.75 | 211.74 | 212.39 | 211.96 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 159871.57 | 159437.54 | 161178.74 | 160162.62 | 0.57 | ppb |
| Iron | 57-2 | 159315.27 | 158321.97 | 158013.27 | 158550.17 | 0.43 | ppb |
| Iron | 54-2 | 162505.78 | 162266.10 | 160128.27 | 161633.38 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17.03 | 16.83 | 17.18 | 17.01 | 1.04 | ppb |
| Lead | 207-1 | 16.22 | 16.23 | 16.48 | 16.31 | 0.92 | ppb |
| Lead | 208-1 | 16.47 | 16.36 | 16.74 | 16.53 | 1.19 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 42755.12 | 42073.25 | 42154.66 | 42327.68 | 0.88 | ppb |
| Manganese | 55-2 | 5337.44 | 5323.61 | 5291.69 | 5317.58 | 0.44 | ppb |
| Molybdenum | 94-1 | 22.20 | 22.93 | 22.75 | 22.63 | 1.68 | ppb |
| Molybdenum | 95-1 | 2.58 | 2.66 | 2.62 | 2.62 | 1.62 | ppb |
| Molybdenum | 96-1 | 6.05 | 5.99 | 6.03 | 6.03 | 0.52 | ppb |
| Molybdenum | 97-1 | 2.49 | 2.55 | 2.60 | 2.55 | 2.14 | ppb |
| Molybdenum | 98-1 | 2.48 | 2.56 | 2.51 | 2.52 | 1.45 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 372.74 | 374.35 | 373.53 | 373.54 | 0.22 | ppb |
| Phosphorus | 31-2 | 1611.13 | 1620.25 | 1580.07 | 1603.82 | 1.31 | ppb |
| Potassium | 39-2 | 3567.12 | 3621.72 | 3572.46 | 3587.10 | 0.84 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 120 | | % |
| Scandium | 45-2 | | | | 124 | | % |
| Selenium | 82-1 | 1.10 | 0.85 | 0.69 | 0.88 | 23.82 | ppb |
| Selenium | 77-2 | 14.63 | 17.43 | 15.49 | 15.85 | 9.05 | ppb |
| Selenium | 78-2 | 1.73 | 4.30 | 2.68 | 2.90 | 44.77 | ppb |
| Silicon | 28-1 | 1049.05 | 1076.07 | 1078.45 | 1067.86 | 1.53 | ppb |
| Silver | 107-1 | 0.12 | 0.13 | 0.13 | 0.13 | 4.51 | ppb |
| Silver | 109-1 | 0.12 | 0.12 | 0.12 | 0.12 | 3.02 | ppb |
| Sodium | 23-2 | 195.53 | 191.49 | 194.45 | 193.82 | 1.08 | ppb |
| Strontium | 86-1 | 120.79 | 120.74 | 121.42 | 120.98 | 0.31 | ppb |
| Strontium | 88-1 | 122.67 | 123.79 | 126.02 | 124.16 | 1.37 | ppb |
| Sulfur | 34-1 | -1303.03 | -1171.93 | -1210.14 | -1228.37 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.32 | 0.32 | 0.34 | 0.32 | 4.01 | ppb |
| Thallium | 205-1 | 0.33 | 0.32 | 0.34 | 0.33 | 4.00 | ppb |
| Tin | 118-1 | 1.95 | 2.04 | 2.00 | 2.00 | 2.29 | ppb |
| Titanium | 47-1 | 1343.74 | 1381.12 | 1371.09 | 1365.32 | 1.42 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.08 | 1.07 | 1.10 | 1.08 | 1.37 | ppb |
| Vanadium | 51-2 | 356.84 | 354.93 | 355.77 | 355.84 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 195.95 | 195.76 | 195.29 | 195.66 | 0.17 | ppb |
| Zirconium | 90-1 | 12.06 | 12.23 | 12.42 | 12.24 | 1.46 | ppb |
| Zirconium | 91-1 | 12.27 | 12.57 | 12.61 | 12.49 | 1.49 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50447.30 | 50483.49 | 50228.40 | 50386.40 | 0.27 | ppb |
| Antimony | 121-1 | 3.54 | 3.47 | 3.43 | 3.48 | 1.66 | ppb |
| Arsenic | 75-2 | 394.73 | 393.47 | 399.60 | 395.93 | 0.82 | ppb |
| Barium | 135-1 | 633.04 | 589.92 | 596.19 | 606.38 | 3.84 | ppb |
| Barium | 137-1 | 625.70 | 600.27 | 590.37 | 605.44 | 3.01 | ppb |
| Beryllium | 9-1 | 1.75 | 1.64 | 1.52 | 1.64 | 7.05 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.36 | 1.88 | 2.19 | 2.14 | 11.16 | ppb |
| Cadmium | 106-1 | 2.97 | 3.22 | 2.76 | 2.98 | 7.71 | ppb |
| Cadmium | 111-1 | 0.54 | 0.55 | 0.50 | 0.53 | 4.79 | ppb |
| Calcium | 43-1 | 81730.65 | 80045.20 | 80002.64 | 80592.83 | 1.22 | ppb |
| Calcium | 44-1 | 81742.49 | 80439.29 | 79564.99 | 80582.26 | 1.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 591.98 | 595.63 | 593.77 | 593.79 | 0.31 | ppb |
| Cobalt | 59-2 | 104.44 | 104.98 | 104.68 | 104.70 | 0.26 | ppb |
| Copper | 63-2 | 208.33 | 210.47 | 209.86 | 209.56 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 157616.78 | 157797.63 | 156984.25 | 157466.22 | 0.27 | ppb |
| Iron | 57-2 | 155703.98 | 157349.23 | 155055.44 | 156036.22 | 0.76 | ppb |
| Iron | 54-2 | 156451.93 | 157932.09 | 156448.82 | 156944.28 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17.31 | 16.27 | 16.55 | 16.71 | 3.23 | ppb |
| Lead | 207-1 | 16.69 | 15.89 | 15.96 | 16.18 | 2.75 | ppb |
| Lead | 208-1 | 16.70 | 15.98 | 16.14 | 16.27 | 2.34 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 41995.19 | 41994.19 | 41986.40 | 41991.93 | 0.01 | ppb |
| Manganese | 55-2 | 5130.71 | 5170.93 | 5150.09 | 5150.58 | 0.39 | ppb |
| Molybdenum | 94-1 | 23.03 | 22.45 | 22.59 | 22.69 | 1.35 | ppb |
| Molybdenum | 95-1 | 2.61 | 2.59 | 2.57 | 2.59 | 0.81 | ppb |
| Molybdenum | 96-1 | 6.15 | 5.93 | 5.94 | 6.01 | 2.10 | ppb |
| Molybdenum | 97-1 | 2.60 | 2.58 | 2.54 | 2.57 | 1.29 | ppb |
| Molybdenum | 98-1 | 2.51 | 2.42 | 2.43 | 2.45 | 1.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 370.16 | 368.99 | 366.56 | 368.57 | 0.50 | ppb |
| Phosphorus | 31-2 | 1553.56 | 1562.59 | 1583.39 | 1566.51 | 0.98 | ppb |
| Potassium | 39-2 | 3594.86 | 3657.19 | 3643.74 | 3631.93 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 115 | | % |
| Scandium | 45-2 | | | | 121 | | % |
| Selenium | 82-1 | 1.12 | 0.65 | 0.29 | 0.69 | 60.24 | ppb |
| Selenium | 77-2 | 18.47 | 18.81 | 19.80 | 19.03 | 3.64 | ppb |
| Selenium | 78-2 | 2.74 | 3.30 | 3.69 | 3.24 | 14.84 | ppb |
| Silicon | 28-1 | 1120.39 | 1106.80 | 1093.84 | 1107.01 | 1.20 | ppb |
| Silver | 107-1 | 0.11 | 0.12 | 0.12 | 0.12 | 4.10 | ppb |
| Silver | 109-1 | 0.10 | 0.10 | 0.10 | 0.10 | 1.94 | ppb |
| Sodium | 23-2 | 189.95 | 189.44 | 188.62 | 189.34 | 0.35 | ppb |
| Strontium | 86-1 | 123.41 | 118.64 | 119.37 | 120.47 | 2.13 | ppb |
| Strontium | 88-1 | 126.52 | 121.19 | 122.94 | 123.55 | 2.20 | ppb |
| Sulfur | 34-1 | -1243.05 | -1364.00 | -1373.37 | -1326.80 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.34 | 0.31 | 0.34 | 0.33 | 5.06 | ppb |
| Thallium | 205-1 | 0.32 | 0.33 | 0.31 | 0.32 | 2.69 | ppb |
| Tin | 118-1 | 2.17 | 2.05 | 2.04 | 2.09 | 3.33 | ppb |
| Titanium | 47-1 | 1380.42 | 1344.35 | 1340.85 | 1355.21 | 1.62 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.12 | 1.05 | 1.08 | 1.09 | 3.17 | ppb |
| Vanadium | 51-2 | 345.31 | 350.40 | 349.83 | 348.51 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 197.06 | 197.77 | 196.63 | 197.15 | 0.29 | ppb |
| Zirconium | 90-1 | 12.53 | 12.18 | 12.40 | 12.37 | 1.41 | ppb |
| Zirconium | 91-1 | 12.80 | 12.42 | 12.43 | 12.55 | 1.73 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11659.51 | 11745.22 | 11506.55 | 11637.09 | 1.04 | ppb |
| Antimony | 121-1 | 0.79 | 0.75 | 0.79 | 0.77 | 3.13 | ppb |
| Arsenic | 75-2 | 89.69 | 89.68 | 89.36 | 89.57 | 0.21 | ppb |
| Barium | 135-1 | 117.61 | 115.71 | 118.33 | 117.22 | 1.16 | ppb |
| Barium | 137-1 | 117.12 | 115.81 | 118.96 | 117.30 | 1.34 | ppb |
| Beryllium | 9-1 | 0.36 | 0.40 | 0.38 | 0.38 | 5.08 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.55 | 0.38 | 0.37 | 0.44 | 23.14 | ppb |
| Cadmium | 106-1 | -0.03 | -0.43 | -0.11 | -0.19 | | ppb |
| Cadmium | 111-1 | 0.05 | 0.05 | 0.09 | 0.06 | 36.01 | ppb |
| Calcium | 43-1 | 19009.77 | 19005.62 | 19051.21 | 19022.20 | 0.13 | ppb |
| Calcium | 44-1 | 18010.87 | 18105.79 | 17961.20 | 18025.96 | 0.41 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 137.36 | 136.17 | 137.14 | 136.89 | 0.46 | ppb |
| Cobalt | 59-2 | 24.80 | 25.12 | 24.99 | 24.97 | 0.63 | ppb |
| Copper | 63-2 | 49.80 | 50.32 | 50.07 | 50.07 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 36821.43 | 37076.87 | 36870.79 | 36923.03 | 0.37 | ppb |
| Iron | 57-2 | 36221.99 | 37290.02 | 36439.08 | 36650.37 | 1.54 | ppb |
| Iron | 54-2 | 36972.51 | 37092.88 | 36901.52 | 36988.97 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3.32 | 3.42 | 3.39 | 3.37 | 1.46 | ppb |
| Lead | 207-1 | 3.20 | 3.25 | 3.30 | 3.25 | 1.62 | ppb |
| Lead | 208-1 | 3.26 | 3.30 | 3.34 | 3.30 | 1.11 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 9683.79 | 9636.40 | 9693.01 | 9671.07 | 0.31 | ppb |
| Manganese | 55-2 | 1219.38 | 1232.76 | 1221.46 | 1224.53 | 0.59 | ppb |
| Molybdenum | 94-1 | 4.91 | 4.81 | 4.98 | 4.90 | 1.79 | ppb |
| Molybdenum | 95-1 | 0.68 | 0.66 | 0.66 | 0.67 | 1.99 | ppb |
| Molybdenum | 96-1 | 1.35 | 1.30 | 1.36 | 1.34 | 2.51 | ppb |
| Molybdenum | 97-1 | 0.65 | 0.66 | 0.67 | 0.66 | 1.53 | ppb |
| Molybdenum | 98-1 | 0.60 | 0.59 | 0.61 | 0.60 | 1.23 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 87.42 | 87.16 | 87.82 | 87.46 | 0.38 | ppb |
| Phosphorus | 31-2 | 352.63 | 345.93 | 349.99 | 349.52 | 0.97 | ppb |
| Potassium | 39-2 | 863.21 | 866.25 | 861.52 | 863.66 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | -0.03 | -0.26 | -0.58 | -0.29 | | ppb |
| Selenium | 77-2 | 4.24 | 4.21 | 4.24 | 4.23 | 0.43 | ppb |
| Selenium | 78-2 | -0.23 | 1.90 | -0.37 | 0.43 | 293.66 | ppb |
| Silicon | 28-1 | 246.76 | 243.50 | 245.01 | 245.09 | 0.67 | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.03 | 0.03 | 6.19 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.03 | 0.03 | 13.96 | ppb |
| Sodium | 23-2 | 55.39 | 56.79 | 55.61 | 55.93 | 1.35 | ppb |
| Strontium | 86-1 | 26.38 | 26.83 | 26.43 | 26.55 | 0.93 | ppb |
| Strontium | 88-1 | 26.19 | 26.25 | 26.69 | 26.38 | 1.03 | ppb |
| Sulfur | 34-1 | -1182.98 | -1261.90 | -1234.01 | -1226.29 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.08 | 0.08 | 0.08 | 0.08 | 3.95 | ppb |
| Thallium | 205-1 | 0.07 | 0.08 | 0.08 | 0.08 | 6.73 | ppb |
| Tin | 118-1 | 0.44 | 0.42 | 0.43 | 0.43 | 3.20 | ppb |
| Titanium | 47-1 | 312.58 | 312.39 | 312.52 | 312.50 | 0.03 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.21 | 0.22 | 0.23 | 0.22 | 4.42 | ppb |
| Vanadium | 51-2 | 81.68 | 82.63 | 81.20 | 81.84 | 0.89 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 47.59 | 47.21 | 45.95 | 46.92 | 1.83 | ppb |
| Zirconium | 90-1 | 2.65 | 2.61 | 2.63 | 2.63 | 0.76 | ppb |
| Zirconium | 91-1 | 2.65 | 2.66 | 2.65 | 2.65 | 0.25 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11289.11 | 12914.32 | 11168.83 | 11790.75 | 8.27 | ppb |
| Antimony | 121-1 | 0.74 | 0.74 | 0.76 | 0.75 | 1.94 | ppb |
| Arsenic | 75-2 | 87.45 | 99.47 | 84.00 | 90.30 | 8.99 | ppb |
| Barium | 135-1 | 111.61 | 113.84 | 116.26 | 113.90 | 2.04 | ppb |
| Barium | 137-1 | 111.78 | 114.31 | 116.35 | 114.15 | 2.01 | ppb |
| Beryllium | 9-1 | 0.26 | 0.38 | 0.35 | 0.33 | 18.60 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.52 | 0.39 | 0.32 | 0.41 | 25.39 | ppb |
| Cadmium | 106-1 | -0.60 | -0.48 | -0.15 | -0.41 | | ppb |
| Cadmium | 111-1 | 0.01 | 0.04 | 0.05 | 0.03 | 60.04 | ppb |
| Calcium | 43-1 | 18223.23 | 18798.39 | 18948.31 | 18656.64 | 2.05 | ppb |
| Calcium | 44-1 | 17151.53 | 17662.01 | 17869.65 | 17561.06 | 2.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 132.80 | 153.49 | 129.79 | 138.69 | 9.31 | ppb |
| Cobalt | 59-2 | 24.12 | 27.27 | 23.26 | 24.88 | 8.49 | ppb |
| Copper | 63-2 | 48.34 | 54.53 | 46.75 | 49.87 | 8.24 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 35587.73 | 40769.40 | 34701.42 | 37019.51 | 8.85 | ppb |
| Iron | 57-2 | 35817.00 | 40765.62 | 34279.21 | 36953.94 | 9.17 | ppb |
| Iron | 54-2 | 36090.19 | 41420.76 | 34767.79 | 37426.25 | 9.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3.23 | 3.35 | 3.16 | 3.25 | 2.93 | ppb |
| Lead | 207-1 | 3.06 | 3.32 | 3.17 | 3.18 | 4.06 | ppb |
| Lead | 208-1 | 3.11 | 3.25 | 3.16 | 3.18 | 2.18 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 9232.96 | 10426.69 | 9086.27 | 9581.97 | 7.67 | ppb |
| Manganese | 55-2 | 1180.24 | 1350.41 | 1140.82 | 1223.82 | 9.10 | ppb |
| Molybdenum | 94-1 | 4.74 | 4.91 | 4.84 | 4.83 | 1.81 | ppb |
| Molybdenum | 95-1 | 0.61 | 0.63 | 0.64 | 0.63 | 2.20 | ppb |
| Molybdenum | 96-1 | 1.30 | 1.33 | 1.31 | 1.31 | 1.47 | ppb |
| Molybdenum | 97-1 | 0.54 | 0.56 | 0.58 | 0.56 | 2.94 | ppb |
| Molybdenum | 98-1 | 0.58 | 0.58 | 0.58 | 0.58 | 0.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 85.79 | 97.35 | 83.68 | 88.94 | 8.27 | ppb |
| Phosphorus | 31-2 | 329.65 | 377.47 | 319.38 | 342.17 | 9.06 | ppb |
| Potassium | 39-2 | 839.14 | 981.65 | 810.48 | 877.09 | 10.45 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.07 | 0.14 | -0.15 | 0.02 | 786.82 | ppb |
| Selenium | 77-2 | 2.22 | 4.59 | 3.59 | 3.47 | 34.27 | ppb |
| Selenium | 78-2 | 0.70 | 1.10 | 0.40 | 0.73 | 47.85 | ppb |
| Silicon | 28-1 | 231.53 | 237.96 | 241.35 | 236.95 | 2.10 | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.04 | 0.03 | 11.28 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.03 | 0.03 | 6.77 | ppb |
| Sodium | 23-2 | 47.86 | 63.00 | 46.99 | 52.62 | 17.11 | ppb |
| Strontium | 86-1 | 24.70 | 25.97 | 25.61 | 25.42 | 2.58 | ppb |
| Strontium | 88-1 | 24.90 | 25.82 | 25.58 | 25.44 | 1.88 | ppb |
| Sulfur | 34-1 | -1219.78 | -1173.81 | -1093.42 | -1162.34 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.06 | 0.07 | 0.06 | 0.06 | 4.96 | ppb |
| Thallium | 205-1 | 0.06 | 0.06 | 0.06 | 0.06 | 2.04 | ppb |
| Tin | 118-1 | 0.37 | 0.40 | 0.40 | 0.39 | 5.15 | ppb |
| Titanium | 47-1 | 298.05 | 308.19 | 312.38 | 306.20 | 2.41 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.21 | 0.22 | 0.20 | 0.21 | 3.23 | ppb |
| Vanadium | 51-2 | 79.43 | 90.27 | 76.70 | 82.13 | 8.74 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 46.13 | 54.05 | 45.25 | 48.48 | 10.00 | ppb |
| Zirconium | 90-1 | 2.46 | 2.60 | 2.57 | 2.54 | 2.78 | ppb |
| Zirconium | 91-1 | 2.53 | 2.57 | 2.63 | 2.58 | 2.06 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13778.20 | 14052.23 | 13964.44 | 13931.62 | 1.00 | ppb |
| Antimony | 121-1 | 0.84 | 0.89 | 0.88 | 0.87 | 3.14 | ppb |
| Arsenic | 75-2 | 108.22 | 108.17 | 106.73 | 107.71 | 0.79 | ppb |
| Barium | 135-1 | 138.14 | 138.83 | 140.46 | 139.14 | 0.85 | ppb |
| Barium | 137-1 | 138.56 | 139.38 | 141.93 | 139.96 | 1.26 | ppb |
| Beryllium | 9-1 | 0.44 | 0.47 | 0.38 | 0.43 | 9.94 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.42 | 0.47 | 0.55 | 0.48 | 14.08 | ppb |
| Cadmium | 106-1 | -0.73 | -0.82 | 0.38 | -0.39 | | ppb |
| Cadmium | 111-1 | 0.04 | 0.04 | 0.11 | 0.06 | 67.04 | ppb |
| Calcium | 43-1 | 23116.70 | 23508.99 | 24035.81 | 23553.84 | 1.96 | ppb |
| Calcium | 44-1 | 22043.90 | 22202.16 | 22695.88 | 22313.98 | 1.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 164.73 | 165.25 | 164.08 | 164.69 | 0.36 | ppb |
| Cobalt | 59-2 | 29.29 | 29.86 | 29.52 | 29.56 | 0.96 | ppb |
| Copper | 63-2 | 59.56 | 60.35 | 59.55 | 59.82 | 0.76 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 43192.05 | 44508.79 | 43681.44 | 43794.09 | 1.52 | ppb |
| Iron | 57-2 | 43538.67 | 44290.71 | 43969.71 | 43933.03 | 0.86 | ppb |
| Iron | 54-2 | 43590.78 | 44592.61 | 44341.52 | 44174.97 | 1.18 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.10 | 4.19 | 4.19 | 4.16 | 1.19 | ppb |
| Lead | 207-1 | 3.90 | 4.02 | 3.97 | 3.96 | 1.47 | ppb |
| Lead | 208-1 | 3.94 | 4.03 | 4.05 | 4.01 | 1.46 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 11590.35 | 11641.82 | 11506.96 | 11579.71 | 0.59 | ppb |
| Manganese | 55-2 | 1405.09 | 1463.39 | 1453.46 | 1440.65 | 2.16 | ppb |
| Molybdenum | 94-1 | 6.02 | 6.02 | 6.10 | 6.05 | 0.83 | ppb |
| Molybdenum | 95-1 | 0.76 | 0.71 | 0.77 | 0.75 | 4.01 | ppb |
| Molybdenum | 96-1 | 1.62 | 1.65 | 1.69 | 1.65 | 2.15 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.77 | 0.70 | 0.73 | 4.92 | ppb |
| Molybdenum | 98-1 | 0.69 | 0.74 | 0.72 | 0.72 | 3.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 104.85 | 105.48 | 105.26 | 105.20 | 0.30 | ppb |
| Phosphorus | 31-2 | 446.80 | 438.88 | 419.75 | 435.15 | 3.20 | ppb |
| Potassium | 39-2 | 1052.50 | 1065.92 | 1060.05 | 1059.49 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | -0.03 | 0.18 | 0.46 | 0.20 | 122.11 | ppb |
| Selenium | 77-2 | 6.92 | 4.44 | 5.20 | 5.52 | 23.07 | ppb |
| Selenium | 78-2 | 1.47 | -0.94 | 1.00 | 0.51 | 250.09 | ppb |
| Silicon | 28-1 | 304.77 | 312.37 | 314.70 | 310.62 | 1.67 | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.03 | 0.03 | 9.28 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.03 | 0.03 | 10.57 | ppb |
| Sodium | 23-2 | 56.45 | 57.20 | 56.07 | 56.57 | 1.02 | ppb |
| Strontium | 86-1 | 31.18 | 31.60 | 32.49 | 31.76 | 2.10 | ppb |
| Strontium | 88-1 | 31.44 | 31.79 | 32.10 | 31.78 | 1.05 | ppb |
| Sulfur | 34-1 | -1085.80 | -1007.41 | -967.17 | -1020.12 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.07 | 0.08 | 0.08 | 0.08 | 7.97 | ppb |
| Thallium | 205-1 | 0.08 | 0.07 | 0.07 | 0.07 | 8.96 | ppb |
| Tin | 118-1 | 0.49 | 0.50 | 0.50 | 0.50 | 0.26 | ppb |
| Titanium | 47-1 | 372.97 | 377.40 | 384.59 | 378.32 | 1.55 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.25 | 0.26 | 0.26 | 0.26 | 2.06 | ppb |
| Vanadium | 51-2 | 97.05 | 98.02 | 97.35 | 97.47 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 56.53 | 57.18 | 56.43 | 56.71 | 0.72 | ppb |
| Zirconium | 90-1 | 3.14 | 3.23 | 3.28 | 3.22 | 2.19 | ppb |
| Zirconium | 91-1 | 3.29 | 3.34 | 3.36 | 3.33 | 1.17 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2984.15 | 2976.07 | 2960.10 | 2973.44 | 0.41 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.19 | 0.19 | 3.70 | ppb |
| Arsenic | 75-2 | 22.99 | 21.87 | 23.02 | 22.63 | 2.89 | ppb |
| Barium | 135-1 | 28.11 | 28.25 | 28.76 | 28.37 | 1.20 | ppb |
| Barium | 137-1 | 28.26 | 28.60 | 28.98 | 28.61 | 1.26 | ppb |
| Beryllium | 9-1 | 0.10 | 0.07 | 0.07 | 0.08 | 18.33 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.21 | 0.06 | 0.08 | 0.12 | 65.15 | ppb |
| Cadmium | 106-1 | -0.36 | -0.78 | -0.72 | -0.62 | | ppb |
| Cadmium | 111-1 | 0.01 | -0.03 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 4720.38 | 4824.23 | 4807.02 | 4783.88 | 1.16 | ppb |
| Calcium | 44-1 | 4475.38 | 4525.42 | 4530.44 | 4510.41 | 0.68 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34.41 | 34.14 | 34.48 | 34.34 | 0.52 | ppb |
| Cobalt | 59-2 | 6.37 | 6.23 | 6.30 | 6.30 | 1.13 | ppb |
| Copper | 63-2 | 12.74 | 12.54 | 12.63 | 12.64 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 9238.26 | 9235.94 | 9124.98 | 9199.73 | 0.70 | ppb |
| Iron | 57-2 | 9412.25 | 9403.80 | 9434.97 | 9417.01 | 0.17 | ppb |
| Iron | 54-2 | 9377.27 | 9455.67 | 9409.62 | 9414.19 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.85 | 0.83 | 0.81 | 0.83 | 2.29 | ppb |
| Lead | 207-1 | 0.81 | 0.78 | 0.84 | 0.81 | 3.25 | ppb |
| Lead | 208-1 | 0.82 | 0.81 | 0.81 | 0.81 | 0.58 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 2480.45 | 2482.95 | 2460.72 | 2474.70 | 0.49 | ppb |
| Manganese | 55-2 | 304.21 | 306.58 | 304.22 | 305.00 | 0.45 | ppb |
| Molybdenum | 94-1 | 1.36 | 1.29 | 1.31 | 1.32 | 2.81 | ppb |
| Molybdenum | 95-1 | 0.22 | 0.23 | 0.20 | 0.21 | 8.20 | ppb |
| Molybdenum | 96-1 | 0.43 | 0.40 | 0.38 | 0.40 | 5.99 | ppb |
| Molybdenum | 97-1 | 0.23 | 0.23 | 0.21 | 0.22 | 4.15 | ppb |
| Molybdenum | 98-1 | 0.21 | 0.21 | 0.22 | 0.22 | 1.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 21.48 | 21.92 | 22.12 | 21.84 | 1.50 | ppb |
| Phosphorus | 31-2 | 80.01 | 75.13 | 77.13 | 77.43 | 3.17 | ppb |
| Potassium | 39-2 | 214.79 | 212.09 | 208.25 | 211.71 | 1.55 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | -0.69 | -0.52 | -0.60 | -0.61 | | ppb |
| Selenium | 77-2 | 0.24 | 0.91 | 0.45 | 0.53 | 64.51 | ppb |
| Selenium | 78-2 | 0.00 | 0.82 | -0.39 | 0.14 | 435.09 | ppb |
| Silicon | 28-1 | 61.93 | 63.42 | 63.35 | 62.90 | 1.33 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 41.82 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 34.87 | ppb |
| Sodium | 23-2 | 17.53 | 17.22 | 16.33 | 17.03 | 3.68 | ppb |
| Strontium | 86-1 | 6.69 | 6.73 | 6.58 | 6.67 | 1.13 | ppb |
| Strontium | 88-1 | 6.66 | 6.62 | 6.69 | 6.66 | 0.52 | ppb |
| Sulfur | 34-1 | -981.38 | -908.54 | -908.36 | -932.76 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.02 | 0.02 | 0.02 | 0.02 | 1.40 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.42 | ppb |
| Tin | 118-1 | 0.14 | 0.09 | 0.09 | 0.10 | 27.90 | ppb |
| Titanium | 47-1 | 78.07 | 77.71 | 79.69 | 78.49 | 1.35 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.53 | ppb |
| Vanadium | 51-2 | 20.34 | 20.30 | 20.04 | 20.23 | 0.82 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 11.58 | 11.98 | 12.15 | 11.90 | 2.47 | ppb |
| Zirconium | 90-1 | 0.66 | 0.68 | 0.68 | 0.68 | 1.71 | ppb |
| Zirconium | 91-1 | 0.65 | 0.71 | 0.67 | 0.68 | 4.72 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 61752.66 | 60062.81 | 61732.92 | 61182.80 | 1.59 | ppb |
| Antimony | 121-1 | 69.69 | 74.04 | 73.10 | 72.27 | 3.16 | ppb |
| Arsenic | 75-2 | 497.27 | 513.21 | 522.19 | 510.89 | 2.47 | ppb |
| Barium | 135-1 | 2083.55 | 2184.38 | 2170.12 | 2146.02 | 2.54 | ppb |
| Barium | 137-1 | 2074.31 | 2198.53 | 2172.36 | 2148.40 | 3.05 | ppb |
| Beryllium | 9-1 | 38.22 | 39.38 | 40.39 | 39.33 | 2.76 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 33.44 | 38.45 | 36.48 | 36.12 | 6.98 | ppb |
| Cadmium | 106-1 | 33.35 | 35.04 | 33.28 | 33.89 | 2.93 | ppb |
| Cadmium | 111-1 | 33.79 | 35.16 | 35.01 | 34.65 | 2.16 | ppb |
| Calcium | 43-1 | 91128.92 | 94084.23 | 94527.58 | 93246.91 | 1.98 | ppb |
| Calcium | 44-1 | 90630.32 | 94395.08 | 93871.22 | 92965.54 | 2.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 821.95 | 827.33 | 844.95 | 831.41 | 1.45 | ppb |
| Cobalt | 59-2 | 449.15 | 444.83 | 447.22 | 447.07 | 0.48 | ppb |
| Copper | 63-2 | 415.45 | 412.09 | 415.90 | 414.48 | 0.50 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 191160.72 | 186901.82 | 188682.86 | 188915.14 | 1.13 | ppb |
| Iron | 57-2 | 187947.55 | 185595.96 | 188903.00 | 187482.17 | 0.91 | ppb |
| Iron | 54-2 | 191737.57 | 187990.08 | 190366.96 | 190031.53 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 32.37 | 32.97 | 33.54 | 32.96 | 1.77 | ppb |
| Lead | 207-1 | 31.13 | 32.08 | 32.42 | 31.88 | 2.11 | ppb |
| Lead | 208-1 | 31.46 | 32.39 | 32.87 | 32.24 | 2.21 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 49667.62 | 49392.47 | 49898.38 | 49652.82 | 0.51 | ppb |
| Manganese | 55-2 | 6630.35 | 6432.40 | 6626.01 | 6562.92 | 1.72 | ppb |
| Molybdenum | 94-1 | 26.03 | 27.45 | 27.26 | 26.91 | 2.87 | ppb |
| Molybdenum | 95-1 | 2.84 | 3.03 | 2.97 | 2.95 | 3.28 | ppb |
| Molybdenum | 96-1 | 6.73 | 7.14 | 7.02 | 6.96 | 3.04 | ppb |
| Molybdenum | 97-1 | 2.83 | 2.88 | 2.84 | 2.85 | 0.96 | ppb |
| Molybdenum | 98-1 | 2.72 | 2.86 | 2.85 | 2.81 | 2.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 746.63 | 735.05 | 743.20 | 741.63 | 0.80 | ppb |
| Phosphorus | 31-2 | 1864.00 | 1838.45 | 1835.58 | 1846.01 | 0.85 | ppb |
| Potassium | 39-2 | 4228.05 | 4166.93 | 4143.49 | 4179.49 | 1.04 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 73.96 | 77.23 | 77.57 | 76.25 | 2.61 | ppb |
| Selenium | 77-2 | 94.05 | 93.17 | 89.98 | 92.40 | 2.32 | ppb |
| Selenium | 78-2 | 76.51 | 77.49 | 79.48 | 77.82 | 1.94 | ppb |
| Silicon | 28-1 | 1493.73 | 1592.28 | 1569.80 | 1551.94 | 3.33 | ppb |
| Silver | 107-1 | 28.88 | 30.43 | 30.02 | 29.77 | 2.70 | ppb |
| Silver | 109-1 | 28.89 | 30.30 | 30.21 | 29.80 | 2.66 | ppb |
| Sodium | 23-2 | 210.64 | 208.19 | 213.19 | 210.67 | 1.19 | ppb |
| Strontium | 86-1 | 138.18 | 144.48 | 145.40 | 142.69 | 2.75 | ppb |
| Strontium | 88-1 | 140.85 | 148.55 | 147.43 | 145.61 | 2.86 | ppb |
| Sulfur | 34-1 | -1431.45 | -1422.63 | -1484.69 | -1446.26 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 30.86 | 31.96 | 32.44 | 31.75 | 2.56 | ppb |
| Thallium | 205-1 | 31.23 | 31.61 | 31.87 | 31.57 | 1.00 | ppb |
| Tin | 118-1 | 2.22 | 2.35 | 2.29 | 2.29 | 2.83 | ppb |
| Titanium | 47-1 | 1587.42 | 1656.78 | 1643.19 | 1629.13 | 2.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.28 | 1.34 | 1.33 | 1.32 | 2.36 | ppb |
| Vanadium | 51-2 | 727.09 | 731.28 | 744.08 | 734.15 | 1.21 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 534.70 | 525.73 | 525.39 | 528.61 | 1.00 | ppb |
| Zirconium | 90-1 | 14.03 | 14.92 | 14.92 | 14.62 | 3.52 | ppb |
| Zirconium | 91-1 | 14.09 | 14.94 | 15.36 | 14.80 | 4.36 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 63791.08 | 63545.94 | 63903.16 | 63746.73 | 0.29 | ppb |
| Antimony | 121-1 | 353.03 | 359.87 | 359.09 | 357.33 | 1.05 | ppb |
| Arsenic | 75-2 | 606.05 | 604.85 | 607.88 | 606.26 | 0.25 | ppb |
| Barium | 135-1 | 7682.38 | 7776.14 | 7795.33 | 7751.28 | 0.78 | ppb |
| Barium | 137-1 | 7560.39 | 7764.82 | 7697.36 | 7674.19 | 1.36 | ppb |
| Beryllium | 9-1 | 179.21 | 186.36 | 186.79 | 184.12 | 2.31 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 155.99 | 159.06 | 157.05 | 157.37 | 0.99 | ppb |
| Cadmium | 106-1 | 152.70 | 156.62 | 155.87 | 155.06 | 1.34 | ppb |
| Cadmium | 111-1 | 164.71 | 168.14 | 167.96 | 166.93 | 1.16 | ppb |
| Calcium | 43-1 | 89412.02 | 92377.01 | 92270.13 | 91353.05 | 1.84 | ppb |
| Calcium | 44-1 | 89706.51 | 91822.47 | 91412.07 | 90980.35 | 1.23 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1313.23 | 1310.89 | 1315.29 | 1313.14 | 0.17 | ppb |
| Cobalt | 59-2 | 1691.76 | 1677.60 | 1698.62 | 1689.33 | 0.63 | ppb |
| Copper | 63-2 | 978.01 | 985.75 | 989.20 | 984.32 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 188061.57 | 186065.59 | 187627.75 | 187251.64 | 0.56 | ppb |
| Iron | 57-2 | 186007.51 | 184503.78 | 186000.29 | 185503.86 | 0.47 | ppb |
| Iron | 54-2 | 188815.56 | 187974.89 | 189122.78 | 188637.74 | 0.32 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 80.16 | 83.99 | 83.30 | 82.48 | 2.48 | ppb |
| Lead | 207-1 | 78.66 | 81.36 | 81.17 | 80.40 | 1.87 | ppb |
| Lead | 208-1 | 79.20 | 82.26 | 81.95 | 81.14 | 2.08 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 48401.35 | 48314.77 | 48945.20 | 48553.77 | 0.70 | ppb |
| Manganese | 55-2 | 7642.03 | 7577.11 | 7634.95 | 7618.03 | 0.47 | ppb |
| Molybdenum | 94-1 | 25.82 | 26.17 | 26.84 | 26.28 | 1.96 | ppb |
| Molybdenum | 95-1 | 2.78 | 2.84 | 3.00 | 2.87 | 4.02 | ppb |
| Molybdenum | 96-1 | 6.67 | 6.88 | 6.85 | 6.80 | 1.68 | ppb |
| Molybdenum | 97-1 | 2.63 | 2.80 | 2.79 | 2.74 | 3.57 | ppb |
| Molybdenum | 98-1 | 2.67 | 2.79 | 2.82 | 2.76 | 2.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2028.10 | 2005.55 | 1999.92 | 2011.19 | 0.74 | ppb |
| Phosphorus | 31-2 | 1833.33 | 1790.98 | 1798.77 | 1807.70 | 1.25 | ppb |
| Potassium | 39-2 | 4135.59 | 4104.04 | 4051.16 | 4096.93 | 1.04 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 348.27 | 355.16 | 363.23 | 355.55 | 2.11 | ppb |
| Selenium | 77-2 | 371.01 | 380.30 | 374.81 | 375.37 | 1.24 | ppb |
| Selenium | 78-2 | 353.99 | 358.52 | 372.52 | 361.68 | 2.67 | ppb |
| Silicon | 28-1 | 1472.23 | 1505.39 | 1502.80 | 1493.47 | 1.23 | ppb |
| Silver | 107-1 | 151.39 | 153.15 | 153.77 | 152.77 | 0.81 | ppb |
| Silver | 109-1 | 151.34 | 154.58 | 154.77 | 153.56 | 1.25 | ppb |
| Sodium | 23-2 | 207.59 | 208.12 | 206.44 | 207.38 | 0.41 | ppb |
| Strontium | 86-1 | 136.55 | 140.57 | 141.82 | 139.65 | 1.97 | ppb |
| Strontium | 88-1 | 140.25 | 143.47 | 144.73 | 142.82 | 1.62 | ppb |
| Sulfur | 34-1 | -1704.01 | -1702.63 | -1725.56 | -1710.74 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 178.78 | 186.33 | 183.65 | 182.92 | 2.10 | ppb |
| Thallium | 205-1 | 177.33 | 183.58 | 179.45 | 180.12 | 1.77 | ppb |
| Tin | 118-1 | 2.21 | 2.20 | 2.23 | 2.21 | 0.62 | ppb |
| Titanium | 47-1 | 1568.77 | 1612.72 | 1619.96 | 1600.48 | 1.73 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.27 | 1.31 | 1.30 | 1.29 | 1.53 | ppb |
| Vanadium | 51-2 | 1973.50 | 1941.70 | 1968.84 | 1961.35 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 1689.65 | 1677.64 | 1690.26 | 1685.85 | 0.42 | ppb |
| Zirconium | 90-1 | 13.96 | 14.45 | 14.69 | 14.36 | 2.59 | ppb |
| Zirconium | 91-1 | 14.07 | 14.70 | 14.97 | 14.58 | 3.18 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16454.77 | 17046.16 | 17046.48 | 16849.14 | 2.03 | ppb |
| Antimony | 121-1 | 18.54 | 18.21 | 18.87 | 18.54 | 1.79 | ppb |
| Arsenic | 75-2 | 133.51 | 138.03 | 138.57 | 136.70 | 2.03 | ppb |
| Barium | 135-1 | 501.12 | 497.61 | 509.94 | 502.89 | 1.26 | ppb |
| Barium | 137-1 | 541.34 | 539.92 | 548.78 | 543.35 | 0.88 | ppb |
| Beryllium | 9-1 | 10.36 | 10.05 | 10.36 | 10.26 | 1.76 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.24 | 8.79 | 8.50 | 8.51 | 3.22 | ppb |
| Cadmium | 106-1 | 7.88 | 6.41 | 7.30 | 7.20 | 10.26 | ppb |
| Cadmium | 111-1 | 8.98 | 8.91 | 9.02 | 8.97 | 0.60 | ppb |
| Calcium | 43-1 | 27544.71 | 28116.69 | 28527.24 | 28062.88 | 1.76 | ppb |
| Calcium | 44-1 | 26015.98 | 26324.53 | 26884.73 | 26408.42 | 1.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 227.74 | 236.45 | 234.41 | 232.87 | 1.96 | ppb |
| Cobalt | 59-2 | 120.63 | 124.66 | 123.75 | 123.01 | 1.72 | ppb |
| Copper | 63-2 | 109.97 | 113.51 | 113.20 | 112.23 | 1.75 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 51775.11 | 53383.23 | 52963.12 | 52707.15 | 1.58 | ppb |
| Iron | 57-2 | 51528.79 | 53442.95 | 52918.57 | 52630.11 | 1.88 | ppb |
| Iron | 54-2 | 52297.41 | 53747.42 | 53395.89 | 53146.91 | 1.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8.13 | 8.33 | 8.22 | 8.22 | 1.22 | ppb |
| Lead | 207-1 | 7.92 | 8.14 | 7.92 | 7.99 | 1.57 | ppb |
| Lead | 208-1 | 7.97 | 8.06 | 8.06 | 8.03 | 0.65 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 13371.40 | 13807.83 | 13795.14 | 13658.12 | 1.82 | ppb |
| Manganese | 55-2 | 1790.03 | 1855.25 | 1831.00 | 1825.43 | 1.81 | ppb |
| Molybdenum | 94-1 | 7.16 | 7.22 | 7.38 | 7.25 | 1.56 | ppb |
| Molybdenum | 95-1 | 0.82 | 0.77 | 0.82 | 0.80 | 3.34 | ppb |
| Molybdenum | 96-1 | 1.86 | 1.83 | 1.88 | 1.86 | 1.26 | ppb |
| Molybdenum | 97-1 | 0.83 | 0.73 | 0.82 | 0.79 | 7.05 | ppb |
| Molybdenum | 98-1 | 0.74 | 0.77 | 0.77 | 0.76 | 1.85 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 208.55 | 216.45 | 215.55 | 213.52 | 2.03 | ppb |
| Phosphorus | 31-2 | 513.36 | 495.88 | 483.20 | 497.48 | 3.04 | ppb |
| Potassium | 39-2 | 1202.69 | 1257.78 | 1247.10 | 1235.86 | 2.36 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 20.11 | 20.99 | 20.71 | 20.60 | 2.17 | ppb |
| Selenium | 77-2 | 24.27 | 25.96 | 28.24 | 26.16 | 7.63 | ppb |
| Selenium | 78-2 | 22.52 | 20.39 | 20.68 | 21.20 | 5.46 | ppb |
| Silicon | 28-1 | 429.87 | 435.27 | 445.07 | 436.74 | 1.76 | ppb |
| Silver | 107-1 | 7.65 | 7.58 | 7.76 | 7.66 | 1.20 | ppb |
| Silver | 109-1 | 7.60 | 7.52 | 7.75 | 7.62 | 1.54 | ppb |
| Sodium | 23-2 | 58.02 | 61.53 | 60.49 | 60.02 | 3.00 | ppb |
| Strontium | 86-1 | 38.11 | 38.30 | 38.38 | 38.26 | 0.37 | ppb |
| Strontium | 88-1 | 38.25 | 38.43 | 38.62 | 38.43 | 0.48 | ppb |
| Sulfur | 34-1 | -1439.24 | -1348.45 | -1344.39 | -1377.36 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 7.91 | 8.04 | 7.86 | 7.94 | 1.15 | ppb |
| Thallium | 205-1 | 7.89 | 7.92 | 7.91 | 7.91 | 0.24 | ppb |
| Tin | 118-1 | 0.55 | 0.55 | 0.53 | 0.55 | 1.96 | ppb |
| Titanium | 47-1 | 460.24 | 469.25 | 476.81 | 468.77 | 1.77 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.32 | 0.32 | 0.32 | 1.62 | ppb |
| Vanadium | 51-2 | 199.67 | 208.32 | 206.02 | 204.67 | 2.19 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 149.29 | 153.43 | 152.38 | 151.70 | 1.42 | ppb |
| Zirconium | 90-1 | 3.92 | 3.93 | 3.93 | 3.93 | 0.16 | ppb |
| Zirconium | 91-1 | 4.03 | 3.94 | 4.10 | 4.02 | 1.96 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18313.58 | 17891.30 | 18382.61 | 18195.83 | 1.46 | ppb |
| Antimony | 121-1 | 86.07 | 86.81 | 87.33 | 86.73 | 0.73 | ppb |
| Arsenic | 75-2 | 160.53 | 165.45 | 164.09 | 163.36 | 1.56 | ppb |
| Barium | 135-1 | 1958.49 | 1955.80 | 1973.03 | 1962.44 | 0.47 | ppb |
| Barium | 137-1 | 1958.58 | 1952.43 | 1956.71 | 1955.91 | 0.16 | ppb |
| Beryllium | 9-1 | 46.95 | 47.77 | 46.60 | 47.11 | 1.28 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 40.05 | 40.26 | 41.82 | 40.71 | 2.38 | ppb |
| Cadmium | 106-1 | 39.72 | 39.66 | 38.96 | 39.45 | 1.08 | ppb |
| Cadmium | 111-1 | 43.69 | 43.75 | 44.12 | 43.85 | 0.53 | ppb |
| Calcium | 43-1 | 27663.32 | 27363.33 | 28156.68 | 27727.78 | 1.44 | ppb |
| Calcium | 44-1 | 25858.18 | 25677.45 | 26469.81 | 26001.81 | 1.60 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 383.64 | 367.16 | 378.06 | 376.29 | 2.23 | ppb |
| Cobalt | 59-2 | 491.05 | 483.94 | 498.46 | 491.15 | 1.48 | ppb |
| Copper | 63-2 | 279.43 | 274.41 | 278.88 | 277.57 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 54432.17 | 53172.54 | 54262.77 | 53955.83 | 1.27 | ppb |
| Iron | 57-2 | 52890.06 | 52378.05 | 53450.43 | 52906.18 | 1.01 | ppb |
| Iron | 54-2 | 54543.75 | 53649.63 | 55091.18 | 54428.19 | 1.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.97 | 20.24 | 20.49 | 20.23 | 1.29 | ppb |
| Lead | 207-1 | 19.55 | 19.49 | 20.03 | 19.69 | 1.52 | ppb |
| Lead | 208-1 | 19.79 | 19.87 | 20.33 | 19.99 | 1.46 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 13964.93 | 13545.19 | 13896.52 | 13802.22 | 1.63 | ppb |
| Manganese | 55-2 | 2222.50 | 2155.09 | 2180.76 | 2186.12 | 1.56 | ppb |
| Molybdenum | 94-1 | 6.96 | 7.10 | 7.20 | 7.09 | 1.72 | ppb |
| Molybdenum | 95-1 | 0.75 | 0.79 | 0.78 | 0.78 | 2.59 | ppb |
| Molybdenum | 96-1 | 1.86 | 1.81 | 1.89 | 1.85 | 2.02 | ppb |
| Molybdenum | 97-1 | 0.75 | 0.76 | 0.78 | 0.76 | 2.27 | ppb |
| Molybdenum | 98-1 | 0.73 | 0.73 | 0.79 | 0.75 | 4.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 564.86 | 556.60 | 568.12 | 563.19 | 1.05 | ppb |
| Phosphorus | 31-2 | 496.53 | 484.39 | 499.40 | 493.44 | 1.61 | ppb |
| Potassium | 39-2 | 1243.88 | 1213.73 | 1244.06 | 1233.89 | 1.41 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 97.70 | 101.11 | 101.21 | 100.01 | 2.00 | ppb |
| Selenium | 77-2 | 98.00 | 105.58 | 112.00 | 105.19 | 6.66 | ppb |
| Selenium | 78-2 | 100.71 | 99.66 | 98.90 | 99.76 | 0.91 | ppb |
| Silicon | 28-1 | 430.61 | 430.91 | 441.15 | 434.22 | 1.38 | ppb |
| Silver | 107-1 | 37.96 | 37.73 | 38.04 | 37.91 | 0.43 | ppb |
| Silver | 109-1 | 37.41 | 37.30 | 37.52 | 37.41 | 0.30 | ppb |
| Sodium | 23-2 | 58.30 | 58.46 | 60.41 | 59.06 | 1.98 | ppb |
| Strontium | 86-1 | 37.69 | 38.30 | 38.32 | 38.11 | 0.94 | ppb |
| Strontium | 88-1 | 37.68 | 37.97 | 38.57 | 38.07 | 1.19 | ppb |
| Sulfur | 34-1 | -1378.72 | -1399.22 | -1276.04 | -1351.32 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 38.07 | 37.66 | 38.90 | 38.21 | 1.65 | ppb |
| Thallium | 205-1 | 37.91 | 37.70 | 38.39 | 38.00 | 0.94 | ppb |
| Tin | 118-1 | 0.52 | 0.54 | 0.53 | 0.53 | 1.60 | ppb |
| Titanium | 47-1 | 457.06 | 457.64 | 471.50 | 462.07 | 1.77 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.30 | 0.31 | 0.33 | 0.31 | 4.17 | ppb |
| Vanadium | 51-2 | 554.82 | 549.98 | 554.56 | 553.12 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 500.81 | 494.25 | 503.16 | 499.41 | 0.92 | ppb |
| Zirconium | 90-1 | 3.78 | 3.83 | 3.88 | 3.83 | 1.33 | ppb |
| Zirconium | 91-1 | 3.76 | 3.98 | 3.93 | 3.89 | 2.90 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51080.08 | 52253.17 | 51671.11 | 51668.12 | 1.14 | ppb |
| Antimony | 121-1 | 5.00 | 5.11 | 5.12 | 5.08 | 1.40 | ppb |
| Arsenic | 75-2 | 120.29 | 119.55 | 119.17 | 119.67 | 0.48 | ppb |
| Barium | 135-1 | 209.36 | 215.29 | 216.18 | 213.61 | 1.73 | ppb |
| Barium | 137-1 | 211.34 | 216.49 | 217.04 | 214.95 | 1.46 | ppb |
| Beryllium | 9-1 | 1.05 | 1.13 | 1.21 | 1.13 | 7.01 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.78 | 2.62 | 2.22 | 2.54 | 11.26 | ppb |
| Cadmium | 106-1 | 1.85 | 2.38 | 1.86 | 2.03 | 14.88 | ppb |
| Cadmium | 111-1 | 1.88 | 1.89 | 1.84 | 1.87 | 1.35 | ppb |
| Calcium | 43-1 | 16627.80 | 16830.34 | 17117.14 | 16858.43 | 1.46 | ppb |
| Calcium | 44-1 | 15747.08 | 15569.68 | 16016.93 | 15777.90 | 1.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53.05 | 54.36 | 53.85 | 53.75 | 1.22 | ppb |
| Cobalt | 59-2 | 59.65 | 60.95 | 60.11 | 60.24 | 1.10 | ppb |
| Copper | 63-2 | 187.15 | 189.64 | 188.25 | 188.35 | 0.66 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 115373.86 | 117510.04 | 116970.27 | 116618.06 | 0.95 | ppb |
| Iron | 57-2 | 114805.70 | 116469.32 | 116948.45 | 116074.49 | 0.97 | ppb |
| Iron | 54-2 | 117029.13 | 119379.90 | 117586.00 | 117998.34 | 1.04 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 28.18 | 28.43 | 27.91 | 28.17 | 0.92 | ppb |
| Lead | 207-1 | 27.49 | 27.62 | 27.58 | 27.56 | 0.24 | ppb |
| Lead | 208-1 | 27.42 | 27.68 | 27.45 | 27.52 | 0.50 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 20159.43 | 20344.89 | 20180.26 | 20228.19 | 0.50 | ppb |
| Manganese | 55-2 | 2679.80 | 2737.71 | 2687.70 | 2701.74 | 1.16 | ppb |
| Molybdenum | 94-1 | 10.21 | 10.63 | 10.48 | 10.44 | 2.01 | ppb |
| Molybdenum | 95-1 | 1.55 | 1.58 | 1.56 | 1.56 | 0.85 | ppb |
| Molybdenum | 96-1 | 3.33 | 3.31 | 3.42 | 3.36 | 1.74 | ppb |
| Molybdenum | 97-1 | 1.43 | 1.54 | 1.58 | 1.52 | 5.32 | ppb |
| Molybdenum | 98-1 | 1.50 | 1.52 | 1.49 | 1.50 | 0.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 41.73 | 42.18 | 42.22 | 42.04 | 0.65 | ppb |
| Phosphorus | 31-2 | 1306.74 | 1300.26 | 1294.46 | 1300.48 | 0.47 | ppb |
| Potassium | 39-2 | 2416.72 | 2500.65 | 2435.16 | 2450.84 | 1.80 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 113 | | % |
| Selenium | 82-1 | -0.22 | 0.55 | 0.24 | 0.19 | 206.82 | ppb |
| Selenium | 77-2 | 10.70 | 10.65 | 8.26 | 9.87 | 14.14 | ppb |
| Selenium | 78-2 | 0.73 | 3.18 | 1.77 | 1.89 | 64.76 | ppb |
| Silicon | 28-1 | 783.24 | 783.89 | 792.91 | 786.68 | 0.69 | ppb |
| Silver | 107-1 | 0.87 | 0.87 | 0.83 | 0.86 | 2.91 | ppb |
| Silver | 109-1 | 0.86 | 0.86 | 0.86 | 0.86 | 0.18 | ppb |
| Sodium | 23-2 | 561.63 | 570.90 | 569.67 | 567.40 | 0.89 | ppb |
| Strontium | 86-1 | 98.27 | 100.58 | 100.68 | 99.85 | 1.36 | ppb |
| Strontium | 88-1 | 100.36 | 101.48 | 102.95 | 101.60 | 1.28 | ppb |
| Sulfur | 34-1 | -1507.37 | -1526.45 | -1484.40 | -1506.07 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.23 | 0.23 | 0.21 | 0.22 | 5.51 | ppb |
| Thallium | 205-1 | 0.22 | 0.22 | 0.22 | 0.22 | 0.91 | ppb |
| Tin | 118-1 | 1.84 | 1.91 | 1.95 | 1.90 | 2.91 | ppb |
| Titanium | 47-1 | 1979.32 | 2012.48 | 2037.35 | 2009.72 | 1.45 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.50 | 0.51 | 0.50 | 0.50 | 1.16 | ppb |
| Vanadium | 51-2 | 197.25 | 201.69 | 199.93 | 199.63 | 1.12 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 460.62 | 469.63 | 467.40 | 465.88 | 1.01 | ppb |
| Zirconium | 90-1 | 5.38 | 5.48 | 5.53 | 5.46 | 1.42 | ppb |
| Zirconium | 91-1 | 5.39 | 5.56 | 5.57 | 5.51 | 1.84 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 43444.12 | 41198.86 | 42218.99 | 42287.32 | 2.66 | ppb |
| Antimony | 121-1 | 6.75 | 6.86 | 6.93 | 6.85 | 1.33 | ppb |
| Arsenic | 75-2 | 205.86 | 196.88 | 201.92 | 201.55 | 2.23 | ppb |
| Barium | 135-1 | 596.97 | 590.93 | 600.92 | 596.28 | 0.84 | ppb |
| Barium | 137-1 | 592.13 | 588.85 | 604.73 | 595.24 | 1.41 | ppb |
| Beryllium | 9-1 | 1.76 | 1.78 | 1.94 | 1.83 | 5.37 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.71 | 4.29 | 4.49 | 4.50 | 4.71 | ppb |
| Cadmium | 106-1 | 4.59 | 5.24 | 4.58 | 4.80 | 7.89 | ppb |
| Cadmium | 111-1 | 3.31 | 3.35 | 3.41 | 3.36 | 1.39 | ppb |
| Calcium | 43-1 | 7712.37 | 7790.34 | 7805.82 | 7769.51 | 0.64 | ppb |
| Calcium | 44-1 | 7259.66 | 7278.17 | 7317.60 | 7285.14 | 0.41 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 111.31 | 105.56 | 109.11 | 108.66 | 2.67 | ppb |
| Cobalt | 59-2 | 63.17 | 60.23 | 61.88 | 61.76 | 2.39 | ppb |
| Copper | 63-2 | 393.99 | 375.85 | 387.25 | 385.70 | 2.38 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 135424.03 | 127306.46 | 131426.29 | 131385.60 | 3.09 | ppb |
| Iron | 57-2 | 132762.61 | 127140.85 | 128884.62 | 129596.02 | 2.22 | ppb |
| Iron | 54-2 | 135916.21 | 128144.61 | 133086.13 | 132382.32 | 2.97 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 136.21 | 136.46 | 138.95 | 137.21 | 1.10 | ppb |
| Lead | 207-1 | 136.30 | 137.71 | 138.71 | 137.57 | 0.88 | ppb |
| Lead | 208-1 | 146.64 | 147.51 | 149.95 | 148.04 | 1.16 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 22458.16 | 21233.17 | 22032.41 | 21907.91 | 2.84 | ppb |
| Manganese | 55-2 | 3609.81 | 3396.23 | 3491.43 | 3499.16 | 3.06 | ppb |
| Molybdenum | 94-1 | 29.18 | 29.69 | 30.36 | 29.74 | 1.99 | ppb |
| Molybdenum | 95-1 | 1.55 | 1.58 | 1.61 | 1.58 | 1.89 | ppb |
| Molybdenum | 96-1 | 5.59 | 5.59 | 5.61 | 5.60 | 0.21 | ppb |
| Molybdenum | 97-1 | 1.54 | 1.53 | 1.58 | 1.55 | 1.73 | ppb |
| Molybdenum | 98-1 | 1.45 | 1.49 | 1.50 | 1.48 | 1.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 106.51 | 99.90 | 104.16 | 103.52 | 3.24 | ppb |
| Phosphorus | 31-2 | 2134.62 | 2117.17 | 2141.38 | 2131.06 | 0.59 | ppb |
| Potassium | 39-2 | 7869.77 | 7350.21 | 7608.16 | 7609.38 | 3.41 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 0.80 | 0.88 | 0.81 | 0.83 | 5.11 | ppb |
| Selenium | 77-2 | 18.60 | 18.15 | 17.65 | 18.13 | 2.60 | ppb |
| Selenium | 78-2 | 5.30 | 4.60 | 4.79 | 4.90 | 7.33 | ppb |
| Silicon | 28-1 | 1315.39 | 1331.52 | 1335.89 | 1327.60 | 0.81 | ppb |
| Silver | 107-1 | 0.80 | 0.78 | 0.82 | 0.80 | 2.52 | ppb |
| Silver | 109-1 | 0.78 | 0.80 | 0.81 | 0.80 | 2.08 | ppb |
| Sodium | 23-2 | 141.65 | 130.84 | 138.15 | 136.88 | 4.03 | ppb |
| Strontium | 86-1 | 80.13 | 81.10 | 81.79 | 81.01 | 1.03 | ppb |
| Strontium | 88-1 | 81.72 | 83.46 | 85.91 | 83.70 | 2.51 | ppb |
| Sulfur | 34-1 | -1424.73 | -1510.47 | -1472.52 | -1469.24 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.48 | 0.50 | 0.48 | 0.48 | 2.17 | ppb |
| Thallium | 205-1 | 0.47 | 0.46 | 0.47 | 0.47 | 1.29 | ppb |
| Tin | 118-1 | 3.03 | 3.04 | 3.16 | 3.08 | 2.28 | ppb |
| Titanium | 47-1 | 1013.00 | 1012.41 | 1025.92 | 1017.11 | 0.75 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.16 | 1.13 | 1.15 | 1.15 | 1.24 | ppb |
| Vanadium | 51-2 | 264.06 | 249.63 | 258.82 | 257.50 | 2.84 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 390.60 | 370.83 | 384.77 | 382.07 | 2.66 | ppb |
| Zirconium | 90-1 | 16.86 | 16.92 | 17.18 | 16.99 | 1.01 | ppb |
| Zirconium | 91-1 | 16.81 | 17.28 | 17.37 | 17.16 | 1.74 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 52430.58 | 58390.01 | 52767.65 | 54529.41 | 6.14 | ppb |
| Antimony | 121-1 | 2.28 | 2.33 | 2.35 | 2.32 | 1.68 | ppb |
| Arsenic | 75-2 | 138.83 | 155.01 | 138.66 | 144.17 | 6.51 | ppb |
| Barium | 135-1 | 741.69 | 756.43 | 779.56 | 759.23 | 2.51 | ppb |
| Barium | 137-1 | 733.59 | 747.44 | 767.55 | 749.53 | 2.28 | ppb |
| Beryllium | 9-1 | 2.20 | 1.99 | 2.21 | 2.13 | 5.92 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.07 | 2.23 | 2.69 | 2.66 | 15.80 | ppb |
| Cadmium | 106-1 | 2.93 | 2.95 | 3.56 | 3.15 | 11.32 | ppb |
| Cadmium | 111-1 | 0.93 | 0.95 | 0.97 | 0.95 | 2.33 | ppb |
| Calcium | 43-1 | 11616.93 | 11812.47 | 11890.84 | 11773.41 | 1.20 | ppb |
| Calcium | 44-1 | 11020.73 | 11043.01 | 11190.76 | 11084.83 | 0.83 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 118.87 | 132.66 | 120.92 | 124.15 | 5.99 | ppb |
| Cobalt | 59-2 | 53.52 | 59.57 | 54.92 | 56.00 | 5.65 | ppb |
| Copper | 63-2 | 202.70 | 224.53 | 206.94 | 211.39 | 5.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 112124.75 | 126431.64 | 115758.98 | 118105.12 | 6.30 | ppb |
| Iron | 57-2 | 111611.99 | 125399.07 | 114064.15 | 117025.07 | 6.28 | ppb |
| Iron | 54-2 | 113452.72 | 125849.96 | 115130.23 | 118144.31 | 5.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.15 | 40.96 | 40.74 | 40.29 | 2.45 | ppb |
| Lead | 207-1 | 38.07 | 39.98 | 39.43 | 39.16 | 2.51 | ppb |
| Lead | 208-1 | 38.57 | 40.05 | 40.11 | 39.58 | 2.20 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 23334.47 | 26139.99 | 23765.99 | 24413.48 | 6.19 | ppb |
| Manganese | 55-2 | 2321.47 | 2629.34 | 2393.42 | 2448.08 | 6.58 | ppb |
| Molybdenum | 94-1 | 30.39 | 31.21 | 31.46 | 31.02 | 1.80 | ppb |
| Molybdenum | 95-1 | 0.98 | 1.02 | 1.01 | 1.00 | 1.86 | ppb |
| Molybdenum | 96-1 | 4.99 | 5.12 | 5.15 | 5.09 | 1.75 | ppb |
| Molybdenum | 97-1 | 0.99 | 1.02 | 1.01 | 1.01 | 1.08 | ppb |
| Molybdenum | 98-1 | 0.98 | 0.98 | 0.97 | 0.97 | 0.59 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 121.24 | 133.97 | 122.91 | 126.04 | 5.49 | ppb |
| Phosphorus | 31-2 | 1983.76 | 2183.47 | 2085.40 | 2084.21 | 4.79 | ppb |
| Potassium | 39-2 | 6793.75 | 7627.01 | 7023.77 | 7148.17 | 6.02 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 0.75 | 0.86 | 0.62 | 0.74 | 16.60 | ppb |
| Selenium | 77-2 | 20.41 | 25.19 | 20.35 | 21.98 | 12.62 | ppb |
| Selenium | 78-2 | 4.55 | 5.91 | 4.33 | 4.93 | 17.37 | ppb |
| Silicon | 28-1 | 1391.34 | 1417.69 | 1434.72 | 1414.59 | 1.54 | ppb |
| Silver | 107-1 | 0.35 | 0.35 | 0.37 | 0.36 | 3.22 | ppb |
| Silver | 109-1 | 0.35 | 0.35 | 0.34 | 0.35 | 1.38 | ppb |
| Sodium | 23-2 | 129.45 | 149.19 | 136.23 | 138.29 | 7.25 | ppb |
| Strontium | 86-1 | 115.22 | 118.40 | 118.86 | 117.49 | 1.69 | ppb |
| Strontium | 88-1 | 119.37 | 121.11 | 121.68 | 120.72 | 1.00 | ppb |
| Sulfur | 34-1 | -1682.25 | -1739.14 | -1679.77 | -1700.39 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.40 | 0.42 | 0.41 | 0.41 | 2.36 | ppb |
| Thallium | 205-1 | 0.40 | 0.41 | 0.41 | 0.41 | 1.38 | ppb |
| Tin | 118-1 | 2.58 | 2.67 | 2.74 | 2.67 | 2.91 | ppb |
| Titanium | 47-1 | 1135.83 | 1164.67 | 1164.40 | 1154.96 | 1.43 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.62 | 1.63 | 1.60 | 2.04 | ppb |
| Vanadium | 51-2 | 223.78 | 249.25 | 229.00 | 234.01 | 5.75 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 198.98 | 221.64 | 201.84 | 207.49 | 5.95 | ppb |
| Zirconium | 90-1 | 17.82 | 18.28 | 18.37 | 18.16 | 1.65 | ppb |
| Zirconium | 91-1 | 17.47 | 18.54 | 18.41 | 18.14 | 3.22 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 35715.75 | 35275.38 | 35405.08 | 35465.40 | 0.64 | ppb |
| Antimony | 121-1 | 3.85 | 4.03 | 4.02 | 3.97 | 2.58 | ppb |
| Arsenic | 75-2 | 177.31 | 177.90 | 178.93 | 178.05 | 0.46 | ppb |
| Barium | 135-1 | 437.55 | 449.77 | 460.43 | 449.25 | 2.55 | ppb |
| Barium | 137-1 | 473.92 | 483.22 | 497.20 | 484.78 | 2.42 | ppb |
| Beryllium | 9-1 | 1.48 | 1.40 | 1.44 | 1.44 | 2.86 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.72 | 3.82 | 4.11 | 3.55 | 20.59 | ppb |
| Cadmium | 106-1 | 4.03 | 3.96 | 4.27 | 4.08 | 4.00 | ppb |
| Cadmium | 111-1 | 2.32 | 2.39 | 2.38 | 2.37 | 1.52 | ppb |
| Calcium | 43-1 | 7846.28 | 8001.66 | 7931.74 | 7926.56 | 0.98 | ppb |
| Calcium | 44-1 | 7367.40 | 7512.33 | 7501.23 | 7460.32 | 1.08 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 92.12 | 91.18 | 91.83 | 91.71 | 0.52 | ppb |
| Cobalt | 59-2 | 44.84 | 44.88 | 45.39 | 45.04 | 0.68 | ppb |
| Copper | 63-2 | 258.37 | 261.03 | 258.75 | 259.38 | 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 | | | | 105 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 105908.86 | 106095.15 | 106195.42 | 106066.47 | 0.14 | ppb |
| Iron | 57-2 | 104556.71 | 105028.90 | 104455.28 | 104680.30 | 0.29 | ppb |
| Iron | 54-2 | 106254.76 | 105370.10 | 107380.96 | 106335.27 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 83.47 | 83.19 | 84.71 | 83.79 | 0.96 | ppb |
| Lead | 207-1 | 83.51 | 83.27 | 84.59 | 83.79 | 0.84 | ppb |
| Lead | 208-1 | 83.20 | 82.88 | 91.59 | 85.89 | 5.75 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 17029.13 | 17131.36 | 16880.22 | 17013.57 | 0.74 | ppb |
| Manganese | 55-2 | 1883.62 | 1893.23 | 1896.14 | 1891.00 | 0.35 | ppb |
| Molybdenum | 94-1 | 28.85 | 29.60 | 29.91 | 29.45 | 1.86 | ppb |
| Molybdenum | 95-1 | 1.45 | 1.45 | 1.46 | 1.46 | 0.51 | ppb |
| Molybdenum | 96-1 | 5.06 | 5.29 | 5.33 | 5.22 | 2.78 | ppb |
| Molybdenum | 97-1 | 1.43 | 1.38 | 1.42 | 1.41 | 1.77 | ppb |
| Molybdenum | 98-1 | 1.35 | 1.40 | 1.39 | 1.38 | 1.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.32 | 88.37 | 88.97 | 88.89 | 0.54 | ppb |
| Phosphorus | 31-2 | 1916.88 | 1926.08 | 1976.20 | 1939.72 | 1.65 | ppb |
| Potassium | 39-2 | 6979.11 | 7020.14 | 6969.25 | 6989.50 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 1.09 | 0.88 | 1.18 | 1.05 | 14.96 | ppb |
| Selenium | 77-2 | 19.10 | 21.89 | 13.29 | 18.09 | 24.23 | ppb |
| Selenium | 78-2 | 4.81 | 4.42 | 4.44 | 4.56 | 4.88 | ppb |
| Silicon | 28-1 | 1209.37 | 1256.61 | 1240.70 | 1235.56 | 1.95 | ppb |
| Silver | 107-1 | 0.51 | 0.55 | 0.56 | 0.54 | 5.53 | ppb |
| Silver | 109-1 | 0.53 | 0.55 | 0.54 | 0.54 | 1.49 | ppb |
| Sodium | 23-2 | 130.31 | 130.29 | 129.88 | 130.16 | 0.19 | ppb |
| Strontium | 86-1 | 77.98 | 78.14 | 79.40 | 78.51 | 0.99 | ppb |
| Strontium | 88-1 | 79.15 | 80.90 | 80.16 | 80.07 | 1.10 | ppb |
| Sulfur | 34-1 | -1542.18 | -1491.36 | -1438.31 | -1490.62 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.39 | 0.38 | 0.40 | 0.39 | 3.75 | ppb |
| Thallium | 205-1 | 0.38 | 0.39 | 0.38 | 0.39 | 1.87 | ppb |
| Tin | 118-1 | 2.81 | 2.84 | 3.04 | 2.90 | 4.37 | ppb |
| Titanium | 47-1 | 1010.29 | 1050.91 | 1057.22 | 1039.47 | 2.45 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.03 | 1.01 | 1.05 | 1.03 | 1.99 | ppb |
| Vanadium | 51-2 | 199.89 | 198.82 | 201.08 | 199.93 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 318.74 | 314.91 | 317.12 | 316.93 | 0.61 | ppb |
| Zirconium | 90-1 | 16.60 | 17.23 | 17.29 | 17.04 | 2.25 | ppb |
| Zirconium | 91-1 | 16.71 | 17.10 | 17.32 | 17.04 | 1.82 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 36627.48 | 36572.89 | 36590.85 | 36597.07 | 0.08 | ppb |
| Antimony | 121-1 | 3.27 | 3.32 | 3.31 | 3.30 | 0.88 | ppb |
| Arsenic | 75-2 | 123.30 | 125.61 | 123.96 | 124.29 | 0.96 | ppb |
| Barium | 135-1 | 462.34 | 464.75 | 473.32 | 466.81 | 1.24 | ppb |
| Barium | 137-1 | 500.94 | 505.76 | 502.28 | 502.99 | 0.49 | ppb |
| Beryllium | 9-1 | 1.46 | 1.30 | 1.49 | 1.42 | 7.25 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.84 | 3.37 | 4.06 | 3.76 | 9.45 | ppb |
| Cadmium | 106-1 | 3.50 | 3.67 | 2.79 | 3.32 | 13.98 | ppb |
| Cadmium | 111-1 | 2.59 | 2.69 | 2.51 | 2.60 | 3.42 | ppb |
| Calcium | 43-1 | 8670.29 | 8785.63 | 8763.64 | 8739.85 | 0.70 | ppb |
| Calcium | 44-1 | 8148.00 | 8194.85 | 8286.07 | 8209.64 | 0.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 93.27 | 92.49 | 93.23 | 93.00 | 0.47 | ppb |
| Cobalt | 59-2 | 46.71 | 46.17 | 46.34 | 46.41 | 0.60 | ppb |
| Copper | 63-2 | 372.00 | 371.40 | 363.26 | 368.88 | 1.32 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 95070.60 | 95037.96 | 95873.92 | 95327.49 | 0.50 | ppb |
| Iron | 57-2 | 94342.75 | 93269.08 | 94237.50 | 93949.78 | 0.63 | ppb |
| Iron | 54-2 | 95636.61 | 95626.27 | 95280.25 | 95514.38 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 84.24 | 84.59 | 85.29 | 84.71 | 0.63 | ppb |
| Lead | 207-1 | 83.99 | 84.78 | 84.29 | 84.35 | 0.47 | ppb |
| Lead | 208-1 | 83.52 | 84.27 | 84.38 | 84.05 | 0.56 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 17472.71 | 17571.14 | 17660.24 | 17568.03 | 0.53 | ppb |
| Manganese | 55-2 | 2219.42 | 2219.72 | 2210.45 | 2216.53 | 0.24 | ppb |
| Molybdenum | 94-1 | 22.37 | 22.42 | 22.44 | 22.41 | 0.17 | ppb |
| Molybdenum | 95-1 | 1.38 | 1.36 | 1.44 | 1.39 | 2.88 | ppb |
| Molybdenum | 96-1 | 4.39 | 4.29 | 4.42 | 4.36 | 1.56 | ppb |
| Molybdenum | 97-1 | 1.30 | 1.39 | 1.38 | 1.36 | 3.70 | ppb |
| Molybdenum | 98-1 | 1.34 | 1.30 | 1.35 | 1.33 | 1.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.78 | 88.60 | 89.47 | 89.28 | 0.69 | ppb |
| Phosphorus | 31-2 | 1948.43 | 1937.61 | 1902.25 | 1929.43 | 1.25 | ppb |
| Potassium | 39-2 | 7599.07 | 7604.10 | 7576.68 | 7593.28 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 1.04 | 1.02 | 0.83 | 0.96 | 11.86 | ppb |
| Selenium | 77-2 | 15.38 | 16.56 | 15.56 | 15.83 | 4.01 | ppb |
| Selenium | 78-2 | 2.13 | 4.24 | 3.76 | 3.38 | 32.73 | ppb |
| Silicon | 28-1 | 1331.91 | 1337.00 | 1350.46 | 1339.79 | 0.72 | ppb |
| Silver | 107-1 | 0.70 | 0.68 | 0.69 | 0.69 | 1.14 | ppb |
| Silver | 109-1 | 0.69 | 0.70 | 0.69 | 0.69 | 0.34 | ppb |
| Sodium | 23-2 | 142.55 | 140.91 | 142.15 | 141.87 | 0.61 | ppb |
| Strontium | 86-1 | 89.00 | 89.54 | 90.15 | 89.56 | 0.64 | ppb |
| Strontium | 88-1 | 91.27 | 92.49 | 91.41 | 91.72 | 0.73 | ppb |
| Sulfur | 34-1 | -1536.87 | -1532.69 | -1589.10 | -1552.88 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.32 | 0.35 | 0.34 | 0.34 | 3.90 | ppb |
| Thallium | 205-1 | 0.32 | 0.33 | 0.33 | 0.33 | 1.47 | ppb |
| Tin | 118-1 | 2.97 | 3.00 | 3.01 | 2.99 | 0.77 | ppb |
| Titanium | 47-1 | 964.53 | 951.59 | 970.87 | 962.33 | 1.02 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.83 | 0.86 | 0.85 | 0.85 | 2.08 | ppb |
| Vanadium | 51-2 | 178.40 | 178.66 | 179.02 | 178.69 | 0.17 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 332.44 | 332.58 | 330.07 | 331.70 | 0.43 | ppb |
| Zirconium | 90-1 | 12.70 | 12.78 | 12.91 | 12.80 | 0.85 | ppb |
| Zirconium | 91-1 | 12.75 | 12.83 | 13.11 | 12.90 | 1.47 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 44007.74 | 44805.98 | 43940.17 | 44251.30 | 1.09 | ppb |
| Antimony | 121-1 | 4.17 | 4.33 | 4.45 | 4.32 | 3.27 | ppb |
| Arsenic | 75-2 | 138.72 | 134.25 | 136.61 | 136.53 | 1.64 | ppb |
| Barium | 135-1 | 689.65 | 717.81 | 744.65 | 717.37 | 3.83 | ppb |
| Barium | 137-1 | 680.76 | 697.88 | 738.84 | 705.82 | 4.23 | ppb |
| Beryllium | 9-1 | 1.74 | 1.86 | 1.90 | 1.84 | 4.49 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.30 | 2.79 | 3.22 | 3.10 | 8.81 | ppb |
| Cadmium | 106-1 | 3.23 | 3.51 | 2.64 | 3.13 | 14.15 | ppb |
| Cadmium | 111-1 | 1.37 | 1.53 | 1.44 | 1.45 | 5.29 | ppb |
| Calcium | 43-1 | 9312.14 | 9620.82 | 9987.22 | 9640.06 | 3.51 | ppb |
| Calcium | 44-1 | 8733.41 | 8940.08 | 9271.80 | 8981.76 | 3.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 122.37 | 123.20 | 121.20 | 122.26 | 0.82 | ppb |
| Cobalt | 59-2 | 57.03 | 57.06 | 56.81 | 56.96 | 0.24 | ppb |
| Copper | 63-2 | 235.74 | 236.83 | 233.53 | 235.37 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 116059.40 | 116360.30 | 115696.35 | 116038.68 | 0.29 | ppb |
| Iron | 57-2 | 113889.99 | 113768.65 | 113172.73 | 113610.46 | 0.34 | ppb |
| Iron | 54-2 | 115366.43 | 116199.92 | 114565.61 | 115377.32 | 0.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 55.31 | 55.40 | 59.63 | 56.78 | 4.34 | ppb |
| Lead | 207-1 | 54.95 | 54.21 | 59.45 | 56.20 | 5.04 | ppb |
| Lead | 208-1 | 54.90 | 54.53 | 59.05 | 56.16 | 4.47 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 20189.66 | 20500.81 | 20034.87 | 20241.78 | 1.17 | ppb |
| Manganese | 55-2 | 3257.99 | 3264.07 | 3238.87 | 3253.64 | 0.40 | ppb |
| Molybdenum | 94-1 | 27.81 | 29.01 | 30.14 | 28.99 | 4.02 | ppb |
| Molybdenum | 95-1 | 1.70 | 1.72 | 1.82 | 1.75 | 3.50 | ppb |
| Molybdenum | 96-1 | 5.20 | 5.57 | 5.76 | 5.51 | 5.19 | ppb |
| Molybdenum | 97-1 | 1.60 | 1.73 | 1.82 | 1.72 | 6.27 | ppb |
| Molybdenum | 98-1 | 1.63 | 1.64 | 1.69 | 1.66 | 2.02 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 110.52 | 110.22 | 108.33 | 109.69 | 1.08 | ppb |
| Phosphorus | 31-2 | 1863.81 | 1881.75 | 1810.79 | 1852.12 | 1.99 | ppb |
| Potassium | 39-2 | 8002.96 | 7898.29 | 7954.27 | 7951.84 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 1.55 | 0.80 | 1.14 | 1.16 | 32.00 | ppb |
| Selenium | 77-2 | 22.20 | 24.58 | 20.09 | 22.29 | 10.09 | ppb |
| Selenium | 78-2 | 4.92 | 4.62 | 6.40 | 5.32 | 17.93 | ppb |
| Silicon | 28-1 | 480.66 | 499.02 | 522.95 | 500.88 | 4.23 | ppb |
| Silver | 107-1 | 0.41 | 0.43 | 0.45 | 0.43 | 3.94 | ppb |
| Silver | 109-1 | 0.40 | 0.42 | 0.43 | 0.42 | 3.31 | ppb |
| Sodium | 23-2 | 128.26 | 130.31 | 128.01 | 128.86 | 0.98 | ppb |
| Strontium | 86-1 | 98.48 | 102.18 | 105.38 | 102.01 | 3.39 | ppb |
| Strontium | 88-1 | 100.30 | 103.52 | 108.95 | 104.26 | 4.19 | ppb |
| Sulfur | 34-1 | -1631.82 | -1570.07 | -1335.87 | -1512.59 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.46 | 0.47 | 0.51 | 0.48 | 5.59 | ppb |
| Thallium | 205-1 | 0.46 | 0.43 | 0.50 | 0.47 | 6.90 | ppb |
| Tin | 118-1 | 2.83 | 2.60 | 2.75 | 2.73 | 4.28 | ppb |
| Titanium | 47-1 | 950.69 | 965.78 | 1035.98 | 984.15 | 4.63 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.33 | 1.33 | 1.45 | 1.37 | 4.99 | ppb |
| Vanadium | 51-2 | 219.85 | 222.58 | 217.42 | 219.95 | 1.17 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 237.54 | 236.14 | 235.76 | 236.48 | 0.40 | ppb |
| Zirconium | 90-1 | 15.87 | 16.58 | 17.04 | 16.50 | 3.57 | ppb |
| Zirconium | 91-1 | 15.85 | 16.37 | 17.21 | 16.48 | 4.18 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34792.54 | 34783.95 | 34894.70 | 34823.73 | 0.18 | ppb |
| Antimony | 121-1 | 3.55 | 3.22 | 3.15 | 3.31 | 6.48 | ppb |
| Arsenic | 75-2 | 129.73 | 129.19 | 133.09 | 130.67 | 1.62 | ppb |
| Barium | 135-1 | 472.87 | 423.63 | 428.13 | 441.54 | 6.17 | ppb |
| Barium | 137-1 | 514.98 | 450.87 | 467.64 | 477.83 | 6.96 | ppb |
| Beryllium | 9-1 | 1.59 | 1.49 | 1.58 | 1.55 | 3.69 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.15 | 3.28 | 3.35 | 3.59 | 13.53 | ppb |
| Cadmium | 106-1 | 5.08 | 4.07 | 2.69 | 3.95 | 30.49 | ppb |
| Cadmium | 111-1 | 2.89 | 2.60 | 2.51 | 2.67 | 7.47 | ppb |
| Calcium | 43-1 | 7711.93 | 6973.94 | 7159.19 | 7281.69 | 5.27 | ppb |
| Calcium | 44-1 | 7269.29 | 6485.89 | 6706.92 | 6820.70 | 5.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86.55 | 88.28 | 86.79 | 87.21 | 1.08 | ppb |
| Cobalt | 59-2 | 44.43 | 44.33 | 44.33 | 44.37 | 0.13 | ppb |
| Copper | 63-2 | 294.56 | 293.01 | 293.59 | 293.72 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 93954.45 | 94792.39 | 95924.38 | 94890.41 | 1.04 | ppb |
| Iron | 57-2 | 94038.62 | 94390.06 | 94529.14 | 94319.28 | 0.27 | ppb |
| Iron | 54-2 | 94488.98 | 95999.06 | 94520.37 | 95002.80 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 98.82 | 90.42 | 91.07 | 93.44 | 5.00 | ppb |
| Lead | 207-1 | 97.21 | 89.26 | 91.16 | 92.54 | 4.48 | ppb |
| Lead | 208-1 | 105.07 | 95.93 | 98.43 | 99.81 | 4.73 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 17598.91 | 17481.36 | 17279.83 | 17453.37 | 0.92 | ppb |
| Manganese | 55-2 | 1907.04 | 1912.50 | 1916.82 | 1912.12 | 0.26 | ppb |
| Molybdenum | 94-1 | 20.77 | 18.99 | 19.50 | 19.75 | 4.64 | ppb |
| Molybdenum | 95-1 | 1.39 | 1.27 | 1.20 | 1.29 | 7.48 | ppb |
| Molybdenum | 96-1 | 4.22 | 3.87 | 3.96 | 4.01 | 4.59 | ppb |
| Molybdenum | 97-1 | 1.39 | 1.24 | 1.24 | 1.29 | 6.75 | ppb |
| Molybdenum | 98-1 | 1.30 | 1.23 | 1.19 | 1.24 | 4.38 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 81.93 | 83.10 | 83.13 | 82.72 | 0.83 | ppb |
| Phosphorus | 31-2 | 1819.73 | 1859.01 | 1798.44 | 1825.73 | 1.68 | ppb |
| Potassium | 39-2 | 6752.39 | 6848.04 | 6847.03 | 6815.82 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 1.20 | 0.86 | 1.07 | 1.04 | 16.64 | ppb |
| Selenium | 77-2 | 18.61 | 14.88 | 17.92 | 17.14 | 11.59 | ppb |
| Selenium | 78-2 | 2.85 | 4.14 | 3.73 | 3.57 | 18.50 | ppb |
| Silicon | 28-1 | 1089.60 | 986.56 | 1006.65 | 1027.60 | 5.32 | ppb |
| Silver | 107-1 | 0.71 | 0.61 | 0.64 | 0.65 | 7.66 | ppb |
| Silver | 109-1 | 0.69 | 0.63 | 0.61 | 0.64 | 6.95 | ppb |
| Sodium | 23-2 | 123.71 | 123.78 | 124.04 | 123.85 | 0.14 | ppb |
| Strontium | 86-1 | 77.11 | 69.87 | 71.64 | 72.87 | 5.18 | ppb |
| Strontium | 88-1 | 79.84 | 71.99 | 72.43 | 74.75 | 5.90 | ppb |
| Sulfur | 34-1 | -1170.11 | -1565.63 | -1507.30 | -1414.35 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.40 | 0.37 | 0.39 | 0.39 | 3.79 | ppb |
| Thallium | 205-1 | 0.39 | 0.37 | 0.38 | 0.38 | 3.23 | ppb |
| Tin | 118-1 | 3.23 | 3.05 | 2.91 | 3.06 | 5.37 | ppb |
| Titanium | 47-1 | 915.49 | 827.82 | 851.62 | 864.98 | 5.24 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.09 | 1.00 | 0.99 | 1.03 | 5.45 | ppb |
| Vanadium | 51-2 | 185.39 | 185.23 | 184.87 | 185.17 | 0.15 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 310.87 | 311.21 | 314.61 | 312.23 | 0.66 | ppb |
| Zirconium | 90-1 | 11.84 | 10.63 | 10.95 | 11.14 | 5.64 | ppb |
| Zirconium | 91-1 | 11.79 | 10.64 | 11.01 | 11.15 | 5.24 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 33979.75 | 33879.14 | 33631.29 | 33830.06 | 0.53 | ppb |
| Antimony | 121-1 | 3.03 | 3.07 | 3.39 | 3.16 | 6.37 | ppb |
| Arsenic | 75-2 | 132.37 | 131.40 | 133.01 | 132.26 | 0.61 | ppb |
| Barium | 135-1 | 391.20 | 397.91 | 433.65 | 407.59 | 5.60 | ppb |
| Barium | 137-1 | 423.29 | 428.22 | 479.19 | 443.57 | 6.98 | ppb |
| Beryllium | 9-1 | 1.24 | 1.38 | 1.55 | 1.39 | 11.28 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.65 | 3.62 | 3.07 | 3.12 | 15.57 | ppb |
| Cadmium | 106-1 | 2.77 | 2.54 | 2.60 | 2.64 | 4.55 | ppb |
| Cadmium | 111-1 | 2.15 | 2.13 | 2.25 | 2.18 | 3.10 | ppb |
| Calcium | 43-1 | 6851.03 | 6962.24 | 7618.16 | 7143.81 | 5.80 | ppb |
| Calcium | 44-1 | 6537.24 | 6521.16 | 7152.62 | 6737.01 | 5.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 81.84 | 82.06 | 81.95 | 81.95 | 0.13 | ppb |
| Cobalt | 59-2 | 44.46 | 45.00 | 44.83 | 44.76 | 0.61 | ppb |
| Copper | 63-2 | 261.13 | 261.71 | 264.21 | 262.35 | 0.62 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 90191.52 | 89209.51 | 90499.37 | 89966.80 | 0.75 | ppb |
| Iron | 57-2 | 88299.17 | 89829.19 | 89438.04 | 89188.80 | 0.89 | ppb |
| Iron | 54-2 | 89903.54 | 90611.24 | 91044.48 | 90519.75 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 73.08 | 74.44 | 81.19 | 76.24 | 5.70 | ppb |
| Lead | 207-1 | 72.87 | 74.75 | 79.36 | 75.66 | 4.41 | ppb |
| Lead | 208-1 | 72.50 | 73.60 | 79.80 | 75.30 | 5.23 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 15967.71 | 16016.92 | 16099.18 | 16027.94 | 0.41 | ppb |
| Manganese | 55-2 | 2003.16 | 2026.17 | 2025.17 | 2018.17 | 0.64 | ppb |
| Molybdenum | 94-1 | 19.61 | 19.92 | 21.61 | 20.38 | 5.28 | ppb |
| Molybdenum | 95-1 | 1.33 | 1.34 | 1.47 | 1.38 | 5.59 | ppb |
| Molybdenum | 96-1 | 3.89 | 4.04 | 4.52 | 4.15 | 7.99 | ppb |
| Molybdenum | 97-1 | 1.30 | 1.30 | 1.44 | 1.35 | 5.84 | ppb |
| Molybdenum | 98-1 | 1.23 | 1.25 | 1.39 | 1.29 | 6.74 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 80.32 | 80.61 | 80.00 | 80.31 | 0.38 | ppb |
| Phosphorus | 31-2 | 1760.19 | 1792.57 | 1798.56 | 1783.77 | 1.16 | ppb |
| Potassium | 39-2 | 6989.81 | 7039.18 | 7031.33 | 7020.11 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.65 | 1.01 | 1.15 | 0.94 | 27.20 | ppb |
| Selenium | 77-2 | 17.45 | 19.52 | 13.27 | 16.75 | 18.99 | ppb |
| Selenium | 78-2 | 2.52 | 2.93 | 2.83 | 2.76 | 7.87 | ppb |
| Silicon | 28-1 | 1178.72 | 1193.72 | 1316.57 | 1229.67 | 6.15 | ppb |
| Silver | 107-1 | 0.51 | 0.51 | 0.58 | 0.53 | 7.23 | ppb |
| Silver | 109-1 | 0.52 | 0.50 | 0.58 | 0.54 | 7.85 | ppb |
| Sodium | 23-2 | 125.03 | 126.56 | 124.53 | 125.38 | 0.85 | ppb |
| Strontium | 86-1 | 65.90 | 66.33 | 72.69 | 68.31 | 5.56 | ppb |
| Strontium | 88-1 | 68.55 | 67.22 | 74.88 | 70.22 | 5.83 | ppb |
| Sulfur | 34-1 | -1434.83 | -1467.59 | -1204.03 | -1368.82 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.31 | 0.33 | 0.34 | 0.33 | 4.82 | ppb |
| Thallium | 205-1 | 0.30 | 0.31 | 0.33 | 0.32 | 4.95 | ppb |
| Tin | 118-1 | 2.82 | 2.86 | 3.17 | 2.95 | 6.48 | ppb |
| Titanium | 47-1 | 833.59 | 839.74 | 927.16 | 866.83 | 6.04 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.94 | 0.96 | 1.04 | 0.98 | 5.25 | ppb |
| Vanadium | 51-2 | 165.51 | 166.32 | 167.17 | 166.34 | 0.50 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 285.93 | 288.66 | 289.41 | 288.00 | 0.64 | ppb |
| Zirconium | 90-1 | 11.16 | 11.24 | 12.35 | 11.58 | 5.74 | ppb |
| Zirconium | 91-1 | 11.29 | 11.34 | 12.37 | 11.67 | 5.25 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 40271.24 | 40818.36 | 41000.29 | 40696.63 | 0.93 | ppb |
| Antimony | 121-1 | 3.59 | 3.60 | 3.87 | 3.69 | 4.24 | ppb |
| Arsenic | 75-2 | 151.72 | 149.19 | 147.94 | 149.62 | 1.29 | ppb |
| Barium | 135-1 | 501.68 | 510.18 | 534.45 | 515.43 | 3.30 | ppb |
| Barium | 137-1 | 559.62 | 558.15 | 577.04 | 564.94 | 1.86 | ppb |
| Beryllium | 9-1 | 1.59 | 1.63 | 1.70 | 1.64 | 3.59 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.00 | 4.32 | 4.58 | 4.30 | 6.78 | ppb |
| Cadmium | 106-1 | 3.77 | 3.11 | 5.21 | 4.03 | 26.62 | ppb |
| Cadmium | 111-1 | 2.86 | 2.68 | 3.03 | 2.86 | 6.24 | ppb |
| Calcium | 43-1 | 8398.27 | 8320.04 | 8679.13 | 8465.82 | 2.23 | ppb |
| Calcium | 44-1 | 7878.00 | 7960.16 | 8229.09 | 8022.42 | 2.29 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 107.68 | 108.59 | 108.37 | 108.21 | 0.44 | ppb |
| Cobalt | 59-2 | 56.25 | 56.73 | 56.64 | 56.54 | 0.45 | ppb |
| Copper | 63-2 | 356.61 | 358.90 | 367.28 | 360.93 | 1.56 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 112159.86 | 113437.02 | 112121.89 | 112572.92 | 0.66 | ppb |
| Iron | 57-2 | 111300.08 | 111565.15 | 111622.80 | 111496.01 | 0.15 | ppb |
| Iron | 54-2 | 112982.50 | 113373.50 | 113557.88 | 113304.63 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 107.60 | 109.79 | 116.62 | 111.34 | 4.23 | ppb |
| Lead | 207-1 | 110.57 | 110.09 | 115.86 | 112.17 | 2.86 | ppb |
| Lead | 208-1 | 117.75 | 116.78 | 123.89 | 119.48 | 3.23 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 20606.01 | 20904.05 | 20891.32 | 20800.46 | 0.81 | ppb |
| Manganese | 55-2 | 2470.86 | 2471.32 | 2468.17 | 2470.12 | 0.07 | ppb |
| Molybdenum | 94-1 | 27.93 | 27.76 | 29.73 | 28.47 | 3.84 | ppb |
| Molybdenum | 95-1 | 1.63 | 1.59 | 1.72 | 1.65 | 4.08 | ppb |
| Molybdenum | 96-1 | 5.29 | 5.30 | 5.47 | 5.35 | 1.85 | ppb |
| Molybdenum | 97-1 | 1.58 | 1.58 | 1.70 | 1.62 | 4.35 | ppb |
| Molybdenum | 98-1 | 1.54 | 1.52 | 1.62 | 1.56 | 3.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 106.10 | 106.97 | 105.46 | 106.18 | 0.71 | ppb |
| Phosphorus | 31-2 | 2080.87 | 2063.06 | 2067.23 | 2070.39 | 0.45 | ppb |
| Potassium | 39-2 | 8066.02 | 8147.37 | 8084.87 | 8099.42 | 0.53 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 1.17 | 1.29 | 1.00 | 1.15 | 12.51 | ppb |
| Selenium | 77-2 | 17.78 | 18.76 | 18.00 | 18.18 | 2.84 | ppb |
| Selenium | 78-2 | 5.32 | 3.68 | 4.34 | 4.44 | 18.57 | ppb |
| Silicon | 28-1 | 1152.50 | 1144.49 | 1191.56 | 1162.85 | 2.17 | ppb |
| Silver | 107-1 | 0.69 | 0.73 | 0.76 | 0.73 | 4.30 | ppb |
| Silver | 109-1 | 0.72 | 0.69 | 0.74 | 0.72 | 3.43 | ppb |
| Sodium | 23-2 | 131.96 | 135.63 | 135.01 | 134.20 | 1.47 | ppb |
| Strontium | 86-1 | 88.72 | 90.12 | 94.25 | 91.03 | 3.16 | ppb |
| Strontium | 88-1 | 91.04 | 94.08 | 98.04 | 94.39 | 3.72 | ppb |
| Sulfur | 34-1 | -1503.10 | -1438.19 | -1305.08 | -1415.46 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.46 | 0.47 | 0.47 | 0.46 | 1.35 | ppb |
| Thallium | 205-1 | 0.45 | 0.47 | 0.48 | 0.47 | 4.08 | ppb |
| Tin | 118-1 | 2.96 | 3.05 | 3.19 | 3.07 | 3.77 | ppb |
| Titanium | 47-1 | 1123.06 | 1116.32 | 1167.64 | 1135.67 | 2.46 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.15 | 1.15 | 1.19 | 1.16 | 2.10 | ppb |
| Vanadium | 51-2 | 220.60 | 222.41 | 221.93 | 221.65 | 0.42 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 340.37 | 342.75 | 343.37 | 342.16 | 0.46 | ppb |
| Zirconium | 90-1 | 15.75 | 15.98 | 16.71 | 16.15 | 3.12 | ppb |
| Zirconium | 91-1 | 15.83 | 16.11 | 17.00 | 16.31 | 3.74 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 31165.89 | 31098.42 | 31242.46 | 31168.92 | 0.23 | ppb |
| Antimony | 121-1 | 4.63 | 4.65 | 4.68 | 4.65 | 0.56 | ppb |
| Arsenic | 75-2 | 134.09 | 136.39 | 136.62 | 135.70 | 1.03 | ppb |
| Barium | 135-1 | 394.26 | 404.16 | 405.36 | 401.26 | 1.52 | ppb |
| Barium | 137-1 | 420.31 | 437.17 | 440.59 | 432.69 | 2.51 | ppb |
| Beryllium | 9-1 | 1.36 | 1.28 | 1.22 | 1.29 | 5.41 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.01 | 3.00 | 2.67 | 2.89 | 6.78 | ppb |
| Cadmium | 106-1 | 2.68 | 3.38 | 2.54 | 2.87 | 15.82 | ppb |
| Cadmium | 111-1 | 1.89 | 2.01 | 2.02 | 1.98 | 3.64 | ppb |
| Calcium | 43-1 | 6173.89 | 6259.89 | 6247.78 | 6227.19 | 0.75 | ppb |
| Calcium | 44-1 | 5868.96 | 5898.25 | 5956.27 | 5907.82 | 0.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 82.52 | 82.35 | 81.91 | 82.26 | 0.38 | ppb |
| Cobalt | 59-2 | 53.06 | 53.58 | 53.03 | 53.22 | 0.58 | ppb |
| Copper | 63-2 | 243.89 | 243.71 | 242.28 | 243.29 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 102881.51 | 103557.39 | 102860.14 | 103099.68 | 0.38 | ppb |
| Iron | 57-2 | 101890.91 | 103851.34 | 100630.49 | 102124.25 | 1.59 | ppb |
| Iron | 54-2 | 103193.89 | 104361.44 | 103242.22 | 103599.19 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 78.60 | 79.63 | 80.83 | 79.69 | 1.41 | ppb |
| Lead | 207-1 | 78.38 | 78.88 | 81.01 | 79.42 | 1.76 | ppb |
| Lead | 208-1 | 78.22 | 78.95 | 80.10 | 79.09 | 1.20 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 16308.33 | 16498.66 | 16469.21 | 16425.40 | 0.62 | ppb |
| Manganese | 55-2 | 2258.65 | 2274.75 | 2258.71 | 2264.04 | 0.41 | ppb |
| Molybdenum | 94-1 | 22.21 | 22.43 | 22.89 | 22.51 | 1.55 | ppb |
| Molybdenum | 95-1 | 1.37 | 1.41 | 1.34 | 1.37 | 2.85 | ppb |
| Molybdenum | 96-1 | 4.37 | 4.45 | 4.54 | 4.45 | 1.89 | ppb |
| Molybdenum | 97-1 | 1.30 | 1.33 | 1.38 | 1.34 | 3.08 | ppb |
| Molybdenum | 98-1 | 1.28 | 1.28 | 1.36 | 1.31 | 3.32 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 80.16 | 79.95 | 80.15 | 80.09 | 0.15 | ppb |
| Phosphorus | 31-2 | 1618.42 | 1635.84 | 1637.72 | 1630.66 | 0.65 | ppb |
| Potassium | 39-2 | 6411.85 | 6442.80 | 6451.35 | 6435.33 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 1.52 | 1.01 | 1.34 | 1.29 | 20.29 | ppb |
| Selenium | 77-2 | 17.25 | 15.83 | 14.03 | 15.71 | 10.28 | ppb |
| Selenium | 78-2 | 2.46 | 3.03 | 2.41 | 2.63 | 13.15 | ppb |
| Silicon | 28-1 | 861.22 | 883.36 | 879.70 | 874.76 | 1.36 | ppb |
| Silver | 107-1 | 0.43 | 0.42 | 0.44 | 0.43 | 1.90 | ppb |
| Silver | 109-1 | 0.40 | 0.42 | 0.43 | 0.42 | 3.00 | ppb |
| Sodium | 23-2 | 113.89 | 115.72 | 114.79 | 114.80 | 0.80 | ppb |
| Strontium | 86-1 | 58.15 | 59.29 | 59.60 | 59.02 | 1.30 | ppb |
| Strontium | 88-1 | 59.80 | 60.82 | 61.52 | 60.71 | 1.42 | ppb |
| Sulfur | 34-1 | -1268.99 | -1264.14 | -1296.25 | -1276.46 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.35 | 0.32 | 0.33 | 0.33 | 5.29 | ppb |
| Thallium | 205-1 | 0.33 | 0.35 | 0.34 | 0.34 | 2.53 | ppb |
| Tin | 118-1 | 2.67 | 2.80 | 2.69 | 2.72 | 2.50 | ppb |
| Titanium | 47-1 | 840.01 | 855.40 | 859.43 | 851.61 | 1.20 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.87 | 0.87 | 0.88 | 0.87 | 0.33 | ppb |
| Vanadium | 51-2 | 193.59 | 194.83 | 194.02 | 194.15 | 0.32 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 298.93 | 299.87 | 297.39 | 298.73 | 0.42 | ppb |
| Zirconium | 90-1 | 12.58 | 12.87 | 13.02 | 12.82 | 1.73 | ppb |
| Zirconium | 91-1 | 12.77 | 12.93 | 13.17 | 12.95 | 1.55 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39771.25 | 40403.71 | 40385.50 | 40186.82 | 0.90 | ppb |
| Antimony | 121-1 | 6.06 | 6.01 | 7.05 | 6.37 | 9.20 | ppb |
| Arsenic | 75-2 | 138.96 | 142.06 | 142.13 | 141.05 | 1.28 | ppb |
| Barium | 135-1 | 566.73 | 574.02 | 661.57 | 600.78 | 8.79 | ppb |
| Barium | 137-1 | 559.61 | 574.50 | 673.09 | 602.40 | 10.24 | ppb |
| Beryllium | 9-1 | 1.54 | 1.54 | 1.84 | 1.64 | 10.56 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.32 | 4.08 | 5.56 | 4.65 | 17.08 | ppb |
| Cadmium | 106-1 | 3.17 | 4.42 | 4.93 | 4.18 | 21.67 | ppb |
| Cadmium | 111-1 | 2.77 | 2.94 | 3.39 | 3.03 | 10.55 | ppb |
| Calcium | 43-1 | 10526.92 | 10634.34 | 12034.23 | 11065.16 | 7.60 | ppb |
| Calcium | 44-1 | 9922.26 | 10004.68 | 11280.20 | 10402.38 | 7.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 93.02 | 94.73 | 94.70 | 94.15 | 1.04 | ppb |
| Cobalt | 59-2 | 49.43 | 50.34 | 49.89 | 49.89 | 0.91 | ppb |
| Copper | 63-2 | 388.53 | 393.34 | 397.83 | 393.23 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 111053.68 | 110335.19 | 111851.95 | 111080.27 | 0.68 | ppb |
| Iron | 57-2 | 109201.67 | 108443.08 | 110408.65 | 109351.13 | 0.91 | ppb |
| Iron | 54-2 | 110383.55 | 110051.94 | 110866.19 | 110433.89 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 115.64 | 116.27 | 132.08 | 121.33 | 7.68 | ppb |
| Lead | 207-1 | 115.68 | 115.90 | 132.50 | 121.36 | 7.95 | ppb |
| Lead | 208-1 | 125.83 | 125.46 | 142.12 | 131.14 | 7.26 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 20483.32 | 20393.65 | 20526.67 | 20467.88 | 0.33 | ppb |
| Manganese | 55-2 | 2476.92 | 2462.44 | 2517.19 | 2485.52 | 1.14 | ppb |
| Molybdenum | 94-1 | 26.01 | 26.64 | 30.37 | 27.67 | 8.51 | ppb |
| Molybdenum | 95-1 | 1.60 | 1.60 | 1.88 | 1.70 | 9.49 | ppb |
| Molybdenum | 96-1 | 4.95 | 5.05 | 5.86 | 5.29 | 9.42 | ppb |
| Molybdenum | 97-1 | 1.57 | 1.63 | 1.89 | 1.70 | 10.10 | ppb |
| Molybdenum | 98-1 | 1.54 | 1.55 | 1.81 | 1.63 | 9.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 94.63 | 95.25 | 95.95 | 95.28 | 0.69 | ppb |
| Phosphorus | 31-2 | 2456.94 | 2425.02 | 2475.68 | 2452.55 | 1.04 | ppb |
| Potassium | 39-2 | 7573.00 | 7551.65 | 7559.33 | 7561.33 | 0.14 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.79 | 1.08 | 1.34 | 1.07 | 26.14 | ppb |
| Selenium | 77-2 | 18.82 | 17.51 | 17.61 | 17.98 | 4.06 | ppb |
| Selenium | 78-2 | 4.50 | 4.08 | 4.59 | 4.39 | 6.22 | ppb |
| Silicon | 28-1 | 983.71 | 996.98 | 1132.19 | 1037.63 | 7.92 | ppb |
| Silver | 107-1 | 0.79 | 0.82 | 0.93 | 0.84 | 8.56 | ppb |
| Silver | 109-1 | 0.80 | 0.79 | 0.94 | 0.84 | 9.79 | ppb |
| Sodium | 23-2 | 163.18 | 163.52 | 164.48 | 163.73 | 0.41 | ppb |
| Strontium | 86-1 | 99.76 | 101.58 | 114.94 | 105.43 | 7.86 | ppb |
| Strontium | 88-1 | 102.48 | 104.66 | 117.43 | 108.19 | 7.47 | ppb |
| Sulfur | 34-1 | -1150.24 | -1087.91 | -611.63 | -949.93 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.37 | 0.38 | 0.43 | 0.39 | 7.64 | ppb |
| Thallium | 205-1 | 0.37 | 0.37 | 0.43 | 0.39 | 8.24 | ppb |
| Tin | 118-1 | 3.19 | 3.21 | 3.78 | 3.39 | 9.89 | ppb |
| Titanium | 47-1 | 975.94 | 962.49 | 1114.18 | 1017.54 | 8.25 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 0.94 | 1.11 | 1.00 | 9.99 | ppb |
| Vanadium | 51-2 | 213.31 | 214.07 | 214.95 | 214.11 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 370.11 | 367.77 | 375.64 | 371.17 | 1.09 | ppb |
| Zirconium | 90-1 | 14.90 | 15.29 | 17.28 | 15.82 | 8.09 | ppb |
| Zirconium | 91-1 | 14.83 | 15.40 | 17.41 | 15.88 | 8.56 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 47640.05 | 48122.32 | 47937.17 | 47899.84 | 0.51 | ppb |
| Antimony | 121-1 | 480.19 | 468.03 | 483.24 | 477.15 | 1.69 | ppb |
| Arsenic | 75-2 | 505.49 | 516.41 | 517.33 | 513.08 | 1.28 | ppb |
| Barium | 135-1 | 2434.54 | 2433.49 | 2487.36 | 2451.80 | 1.26 | ppb |
| Barium | 137-1 | 2442.42 | 2412.86 | 2486.00 | 2447.09 | 1.50 | ppb |
| Beryllium | 9-1 | 505.39 | 478.98 | 493.34 | 492.57 | 2.68 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 498.58 | 493.81 | 508.36 | 500.25 | 1.48 | ppb |
| Cadmium | 106-1 | 496.84 | 489.45 | 501.28 | 495.86 | 1.21 | ppb |
| Cadmium | 111-1 | 468.73 | 467.38 | 478.05 | 471.39 | 1.23 | ppb |
| Calcium | 43-1 | 245914.67 | 241957.89 | 244622.95 | 244165.17 | 0.83 | ppb |
| Calcium | 44-1 | 240514.55 | 240065.89 | 240218.12 | 240266.19 | 0.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.77 | 496.04 | 493.60 | 495.80 | 0.42 | ppb |
| Cobalt | 59-2 | 517.70 | 521.51 | 520.11 | 519.77 | 0.37 | ppb |
| Copper | 63-2 | 5053.99 | 4976.76 | 5026.19 | 5018.98 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 126531.39 | 125099.30 | 124272.29 | 125300.99 | 0.91 | ppb |
| Iron | 57-2 | 125927.16 | 124256.89 | 124592.51 | 124925.52 | 0.71 | ppb |
| Iron | 54-2 | 125912.27 | 127174.31 | 125256.85 | 126114.48 | 0.77 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2425.77 | 2481.03 | 2508.94 | 2471.92 | 1.71 | ppb |
| Lead | 207-1 | 2421.23 | 2489.62 | 2486.44 | 2465.76 | 1.57 | ppb |
| Lead | 208-1 | 2428.90 | 2474.15 | 2491.87 | 2464.97 | 1.32 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 247241.44 | 248725.11 | 247462.05 | 247809.54 | 0.32 | ppb |
| Manganese | 55-2 | 4936.07 | 4920.65 | 4896.88 | 4917.87 | 0.40 | ppb |
| Molybdenum | 94-1 | 4942.33 | 4921.32 | 4963.70 | 4942.45 | 0.43 | ppb |
| Molybdenum | 95-1 | 4911.09 | 4886.14 | 4879.25 | 4892.16 | 0.34 | ppb |
| Molybdenum | 96-1 | 4896.85 | 4918.95 | 4859.00 | 4891.60 | 0.62 | ppb |
| Molybdenum | 97-1 | 4909.24 | 4883.05 | 4862.86 | 4885.05 | 0.48 | ppb |
| Molybdenum | 98-1 | 4898.50 | 4886.14 | 4885.57 | 4890.07 | 0.15 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 487.74 | 484.47 | 487.56 | 486.59 | 0.38 | ppb |
| Phosphorus | 31-2 | 9752.49 | 9790.36 | 9827.95 | 9790.27 | 0.39 | ppb |
| Potassium | 39-2 | 119223.13 | 120392.25 | 119081.41 | 119565.60 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 499.98 | 504.37 | 502.56 | 502.30 | 0.44 | ppb |
| Selenium | 77-2 | 495.35 | 483.71 | 521.25 | 500.10 | 3.84 | ppb |
| Selenium | 78-2 | 503.95 | 505.97 | 515.62 | 508.51 | 1.23 | ppb |
| Silicon | 28-1 | 2559.22 | 2509.76 | 2571.53 | 2546.84 | 1.28 | ppb |
| Silver | 107-1 | 496.13 | 488.04 | 496.32 | 493.50 | 0.96 | ppb |
| Silver | 109-1 | 496.92 | 485.81 | 494.31 | 492.34 | 1.18 | ppb |
| Sodium | 23-2 | 241959.62 | 242528.05 | 242061.50 | 242183.05 | 0.13 | ppb |
| Strontium | 86-1 | 12147.12 | 12205.46 | 12240.00 | 12197.53 | 0.38 | ppb |
| Strontium | 88-1 | 12159.54 | 12280.25 | 12316.05 | 12251.94 | 0.67 | ppb |
| Sulfur | 34-1 | 9666.65 | 9623.24 | 9624.58 | 9638.16 | 0.26 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 484.98 | 495.23 | 502.86 | 494.36 | 1.82 | ppb |
| Thallium | 205-1 | 484.92 | 488.15 | 503.06 | 492.04 | 1.97 | ppb |
| Tin | 118-1 | 470.44 | 461.90 | 475.56 | 469.30 | 1.47 | ppb |
| Titanium | 47-1 | 4917.75 | 4854.12 | 4889.73 | 4887.20 | 0.65 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 498.40 | 508.37 | 507.06 | 504.61 | 1.07 | ppb |
| Vanadium | 51-2 | 501.13 | 502.44 | 491.92 | 498.49 | 1.15 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 5009.36 | 4969.76 | 5041.18 | 5006.77 | 0.71 | ppb |
| Zirconium | 90-1 | 500.67 | 498.20 | 500.08 | 499.65 | 0.26 | ppb |
| Zirconium | 91-1 | 501.59 | 496.24 | 509.76 | 502.53 | 1.35 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11.03 | 10.78 | 10.99 | 10.94 | 1.23 | ppb |
| Antimony | 121-1 | 0.26 | 0.28 | 0.25 | 0.26 | 6.68 | ppb |
| Arsenic | 75-2 | 0.03 | 0.04 | 0.06 | 0.04 | 43.07 | ppb |
| Barium | 135-1 | 0.21 | 0.24 | 0.24 | 0.23 | 9.19 | ppb |
| Barium | 137-1 | 0.21 | 0.24 | 0.25 | 0.24 | 7.78 | ppb |
| Beryllium | 9-1 | 0.03 | 0.00 | 0.01 | 0.01 | 144.01 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | 0.07 | 0.10 | 0.08 | 23.89 | ppb |
| Cadmium | 106-1 | -0.48 | -1.57 | -1.40 | -1.15 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.08 | -0.06 | -0.05 | | ppb |
| Calcium | 43-1 | 11.87 | 9.36 | 11.00 | 10.74 | 11.85 | ppb |
| Calcium | 44-1 | 6.46 | 10.20 | 9.06 | 8.57 | 22.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.06 | 0.04 | 0.05 | 0.05 | 19.05 | ppb |
| Cobalt | 59-2 | 0.05 | 0.05 | 0.05 | 0.05 | 0.70 | ppb |
| Copper | 63-2 | 0.26 | 0.22 | 0.27 | 0.25 | 9.49 | 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 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 26.80 | 26.47 | 25.54 | 26.27 | 2.50 | ppb |
| Iron | 57-2 | 23.73 | 24.01 | 24.89 | 24.21 | 2.51 | ppb |
| Iron | 54-2 | 25.97 | 25.10 | 24.59 | 25.22 | 2.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.11 | 0.09 | 0.10 | 6.56 | ppb |
| Lead | 207-1 | 0.09 | 0.11 | 0.09 | 0.10 | 9.61 | ppb |
| Lead | 208-1 | 0.11 | 0.11 | 0.10 | 0.10 | 7.03 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 11.57 | 11.91 | 11.26 | 11.58 | 2.79 | ppb |
| Manganese | 55-2 | 0.73 | 0.72 | 0.69 | 0.71 | 2.68 | ppb |
| Molybdenum | 94-1 | 0.21 | 0.29 | 0.23 | 0.24 | 16.42 | ppb |
| Molybdenum | 95-1 | 0.26 | 0.25 | 0.25 | 0.25 | 2.10 | ppb |
| Molybdenum | 96-1 | 0.22 | 0.28 | 0.20 | 0.24 | 16.51 | ppb |
| Molybdenum | 97-1 | 0.24 | 0.30 | 0.24 | 0.26 | 13.13 | ppb |
| Molybdenum | 98-1 | 0.24 | 0.26 | 0.24 | 0.25 | 3.08 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.05 | 0.05 | 0.08 | 0.06 | 32.27 | ppb |
| Phosphorus | 31-2 | -20.10 | -18.71 | -20.97 | -19.92 | | ppb |
| Potassium | 39-2 | 0.95 | 2.83 | 1.79 | 1.85 | 50.65 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -0.66 | -0.25 | -0.34 | -0.42 | | ppb |
| Selenium | 77-2 | -0.22 | -0.22 | -0.22 | -0.22 | | ppb |
| Selenium | 78-2 | -0.70 | -1.27 | -0.79 | -0.92 | | ppb |
| Silicon | 28-1 | 1.56 | 1.77 | 1.01 | 1.45 | 27.10 | ppb |
| Silver | 107-1 | 0.06 | 0.06 | 0.04 | 0.05 | 22.21 | ppb |
| Silver | 109-1 | 0.05 | 0.05 | 0.05 | 0.05 | 5.67 | ppb |
| Sodium | 23-2 | 16.52 | 17.03 | 15.23 | 16.26 | 5.72 | ppb |
| Strontium | 86-1 | 0.37 | 0.42 | 0.37 | 0.39 | 8.74 | ppb |
| Strontium | 88-1 | 0.35 | 0.39 | 0.33 | 0.36 | 9.16 | ppb |
| Sulfur | 34-1 | -475.11 | -387.82 | -569.71 | -477.55 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.05 | 0.05 | 0.05 | 0.05 | 6.37 | ppb |
| Thallium | 205-1 | 0.05 | 0.05 | 0.04 | 0.05 | 11.88 | ppb |
| Tin | 118-1 | 0.05 | 0.06 | 0.04 | 0.05 | 16.27 | ppb |
| Titanium | 47-1 | 0.43 | 0.37 | 0.47 | 0.42 | 12.10 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 13.18 | ppb |
| Vanadium | 51-2 | 0.10 | 0.07 | 0.07 | 0.08 | 18.49 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 0.16 | 0.30 | 0.12 | 0.19 | 50.11 | ppb |
| Zirconium | 90-1 | 0.04 | 0.05 | 0.04 | 0.04 | 4.15 | ppb |
| Zirconium | 91-1 | 0.04 | 0.05 | 0.05 | 0.05 | 15.30 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39787.77 | 40431.88 | 40080.50 | 40100.05 | 0.80 | ppb |
| Antimony | 121-1 | 1.46 | 1.35 | 1.40 | 1.40 | 3.83 | ppb |
| Arsenic | 75-2 | 71.08 | 75.10 | 73.91 | 73.36 | 2.81 | ppb |
| Barium | 135-1 | 427.64 | 397.48 | 405.60 | 410.24 | 3.80 | ppb |
| Barium | 137-1 | 461.76 | 425.83 | 445.17 | 444.25 | 4.05 | ppb |
| Beryllium | 9-1 | 1.66 | 1.33 | 1.56 | 1.52 | 11.23 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.03 | 1.92 | 2.17 | 2.04 | 6.10 | ppb |
| Cadmium | 106-1 | 2.90 | 2.07 | 2.22 | 2.40 | 18.30 | ppb |
| Cadmium | 111-1 | 1.35 | 1.19 | 1.24 | 1.26 | 6.43 | ppb |
| Calcium | 43-1 | 29763.42 | 27927.98 | 28749.01 | 28813.47 | 3.19 | ppb |
| Calcium | 44-1 | 28259.83 | 26401.13 | 26875.79 | 27178.92 | 3.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 88.70 | 88.49 | 88.01 | 88.40 | 0.40 | ppb |
| Cobalt | 59-2 | 41.23 | 41.64 | 41.39 | 41.42 | 0.50 | ppb |
| Copper | 63-2 | 203.63 | 202.98 | 201.12 | 202.58 | 0.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 83925.42 | 86290.75 | 84979.70 | 85065.29 | 1.39 | ppb |
| Iron | 57-2 | 83374.48 | 84215.65 | 82890.23 | 83493.45 | 0.80 | ppb |
| Iron | 54-2 | 84919.52 | 86756.82 | 84542.55 | 85406.29 | 1.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 47.38 | 43.63 | 46.06 | 45.69 | 4.16 | ppb |
| Lead | 207-1 | 46.09 | 41.80 | 44.06 | 43.98 | 4.87 | ppb |
| Lead | 208-1 | 46.22 | 42.50 | 44.91 | 44.55 | 4.24 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 18959.95 | 18852.25 | 18875.80 | 18896.00 | 0.30 | ppb |
| Manganese | 55-2 | 2159.90 | 2199.55 | 2156.28 | 2171.91 | 1.11 | ppb |
| Molybdenum | 94-1 | 16.29 | 15.24 | 15.83 | 15.78 | 3.32 | ppb |
| Molybdenum | 95-1 | 1.95 | 1.76 | 1.85 | 1.85 | 5.09 | ppb |
| Molybdenum | 96-1 | 4.13 | 3.78 | 3.99 | 3.97 | 4.42 | ppb |
| Molybdenum | 97-1 | 1.93 | 1.70 | 1.78 | 1.80 | 6.54 | ppb |
| Molybdenum | 98-1 | 1.82 | 1.67 | 1.73 | 1.74 | 4.55 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.68 | 69.65 | 68.81 | 69.38 | 0.72 | ppb |
| Phosphorus | 31-2 | 2998.54 | 2979.17 | 2912.70 | 2963.47 | 1.52 | ppb |
| Potassium | 39-2 | 12584.17 | 12604.02 | 12687.54 | 12625.24 | 0.43 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 114 | | % |
| Selenium | 82-1 | 0.72 | 1.07 | 1.48 | 1.09 | 35.16 | ppb |
| Selenium | 77-2 | 20.67 | 19.58 | 20.36 | 20.20 | 2.77 | ppb |
| Selenium | 78-2 | 3.91 | 5.03 | 3.22 | 4.05 | 22.54 | ppb |
| Silicon | 28-1 | 1457.54 | 1357.67 | 1413.82 | 1409.67 | 3.55 | ppb |
| Silver | 107-1 | 0.60 | 0.53 | 0.52 | 0.55 | 8.00 | ppb |
| Silver | 109-1 | 0.61 | 0.50 | 0.55 | 0.55 | 9.67 | ppb |
| Sodium | 23-2 | 397.09 | 394.92 | 399.26 | 397.09 | 0.55 | ppb |
| Strontium | 86-1 | 142.68 | 131.39 | 137.73 | 137.27 | 4.12 | ppb |
| Strontium | 88-1 | 148.83 | 136.62 | 141.23 | 142.23 | 4.34 | ppb |
| Sulfur | 34-1 | -340.90 | -800.83 | -825.14 | -655.62 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.40 | 0.34 | 0.36 | 0.37 | 7.75 | ppb |
| Thallium | 205-1 | 0.38 | 0.33 | 0.36 | 0.36 | 7.21 | ppb |
| Tin | 118-1 | 2.52 | 2.35 | 2.50 | 2.46 | 3.73 | ppb |
| Titanium | 47-1 | 1094.08 | 1027.49 | 1063.33 | 1061.63 | 3.14 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.18 | 1.09 | 1.13 | 1.13 | 4.16 | ppb |
| Vanadium | 51-2 | 162.66 | 163.38 | 162.67 | 162.90 | 0.26 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 113 | | % |
| Zinc | 66-2 | 229.07 | 231.68 | 230.74 | 230.49 | 0.57 | ppb |
| Zirconium | 90-1 | 8.92 | 8.29 | 8.62 | 8.61 | 3.70 | ppb |
| Zirconium | 91-1 | 9.23 | 8.20 | 8.70 | 8.71 | 5.94 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39011.54 | 38426.09 | 38563.13 | 38666.92 | 0.79 | ppb |
| Antimony | 121-1 | 1.90 | 2.11 | 1.95 | 1.99 | 5.67 | ppb |
| Arsenic | 75-2 | 83.98 | 86.41 | 83.74 | 84.71 | 1.74 | ppb |
| Barium | 135-1 | 358.91 | 402.31 | 379.49 | 380.23 | 5.71 | ppb |
| Barium | 137-1 | 393.71 | 438.15 | 403.94 | 411.93 | 5.65 | ppb |
| Beryllium | 9-1 | 1.24 | 1.37 | 1.31 | 1.30 | 4.96 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.33 | 2.25 | 2.65 | 2.41 | 8.66 | ppb |
| Cadmium | 106-1 | 2.45 | 2.94 | 1.09 | 2.16 | 44.48 | ppb |
| Cadmium | 111-1 | 1.73 | 2.07 | 1.71 | 1.84 | 11.21 | ppb |
| Calcium | 43-1 | 15669.44 | 17182.44 | 16278.18 | 16376.69 | 4.65 | ppb |
| Calcium | 44-1 | 14864.99 | 16135.73 | 15261.15 | 15420.62 | 4.22 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 92.55 | 91.55 | 91.64 | 91.91 | 0.60 | ppb |
| Cobalt | 59-2 | 43.31 | 43.10 | 42.59 | 43.00 | 0.86 | ppb |
| Copper | 63-2 | 282.25 | 294.35 | 280.03 | 285.54 | 2.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 86948.44 | 85901.42 | 86051.93 | 86300.59 | 0.66 | ppb |
| Iron | 57-2 | 85915.83 | 85038.42 | 84280.66 | 85078.31 | 0.96 | ppb |
| Iron | 54-2 | 86882.38 | 85065.75 | 85677.40 | 85875.18 | 1.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 64.14 | 71.55 | 67.57 | 67.75 | 5.47 | ppb |
| Lead | 207-1 | 63.79 | 69.90 | 65.95 | 66.55 | 4.66 | ppb |
| Lead | 208-1 | 63.43 | 70.10 | 66.15 | 66.56 | 5.04 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 19402.65 | 19128.60 | 19113.23 | 19214.82 | 0.85 | ppb |
| Manganese | 55-2 | 1935.58 | 1904.36 | 1905.82 | 1915.25 | 0.92 | ppb |
| Molybdenum | 94-1 | 13.87 | 15.37 | 14.09 | 14.44 | 5.63 | ppb |
| Molybdenum | 95-1 | 1.97 | 2.20 | 2.07 | 2.08 | 5.63 | ppb |
| Molybdenum | 96-1 | 3.84 | 4.18 | 3.98 | 4.00 | 4.23 | ppb |
| Molybdenum | 97-1 | 1.93 | 2.17 | 1.97 | 2.02 | 6.24 | ppb |
| Molybdenum | 98-1 | 1.91 | 2.15 | 1.94 | 2.00 | 6.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 72.60 | 72.57 | 72.49 | 72.55 | 0.08 | ppb |
| Phosphorus | 31-2 | 2634.13 | 2667.96 | 2674.54 | 2658.88 | 0.82 | ppb |
| Potassium | 39-2 | 14226.12 | 13927.82 | 14087.87 | 14080.60 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 111 | | % |
| Selenium | 82-1 | 1.74 | 0.94 | 1.16 | 1.28 | 32.17 | ppb |
| Selenium | 77-2 | 20.02 | 15.90 | 13.47 | 16.46 | 20.11 | ppb |
| Selenium | 78-2 | 3.92 | 4.56 | 4.02 | 4.17 | 8.29 | ppb |
| Silicon | 28-1 | 1187.99 | 1305.18 | 1245.38 | 1246.19 | 4.70 | ppb |
| Silver | 107-1 | 0.68 | 0.76 | 0.68 | 0.71 | 6.54 | ppb |
| Silver | 109-1 | 0.66 | 0.77 | 0.70 | 0.71 | 7.71 | ppb |
| Sodium | 23-2 | 1042.31 | 1031.10 | 1025.53 | 1032.98 | 0.83 | ppb |
| Strontium | 86-1 | 87.70 | 96.53 | 91.73 | 91.99 | 4.80 | ppb |
| Strontium | 88-1 | 89.96 | 99.20 | 94.45 | 94.54 | 4.89 | ppb |
| Sulfur | 34-1 | -1362.32 | -1158.53 | -1409.22 | -1310.02 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.29 | 0.32 | 0.31 | 0.31 | 4.46 | ppb |
| Thallium | 205-1 | 0.28 | 0.33 | 0.31 | 0.30 | 7.63 | ppb |
| Tin | 118-1 | 2.38 | 2.63 | 2.44 | 2.48 | 5.19 | ppb |
| Titanium | 47-1 | 1024.67 | 1131.14 | 1067.25 | 1074.35 | 4.99 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.01 | 1.14 | 1.08 | 1.08 | 5.72 | ppb |
| Vanadium | 51-2 | 174.08 | 172.13 | 172.13 | 172.78 | 0.65 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 272.78 | 268.03 | 268.85 | 269.88 | 0.94 | ppb |
| Zirconium | 90-1 | 7.30 | 7.99 | 7.54 | 7.61 | 4.63 | ppb |
| Zirconium | 91-1 | 7.25 | 8.10 | 7.70 | 7.68 | 5.52 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24296.40 | 24440.33 | 24215.20 | 24317.31 | 0.47 | ppb |
| Antimony | 121-1 | 1.02 | 1.02 | 1.04 | 1.02 | 0.95 | ppb |
| Arsenic | 75-2 | 39.26 | 39.28 | 39.36 | 39.30 | 0.14 | ppb |
| Barium | 135-1 | 231.74 | 235.20 | 233.84 | 233.59 | 0.75 | ppb |
| Barium | 137-1 | 231.89 | 236.51 | 234.68 | 234.36 | 0.99 | ppb |
| Beryllium | 9-1 | 0.90 | 1.04 | 0.88 | 0.94 | 9.03 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.85 | 1.05 | 0.82 | 0.91 | 13.80 | ppb |
| Cadmium | 106-1 | 0.94 | 0.58 | -0.05 | 0.49 | 101.76 | ppb |
| Cadmium | 111-1 | 0.39 | 0.35 | 0.29 | 0.35 | 14.49 | ppb |
| Calcium | 43-1 | 15623.18 | 15558.40 | 15965.83 | 15715.80 | 1.39 | ppb |
| Calcium | 44-1 | 14748.26 | 14631.43 | 14949.46 | 14776.39 | 1.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 71.66 | 71.70 | 71.67 | 71.68 | 0.03 | ppb |
| Cobalt | 59-2 | 31.37 | 31.33 | 31.58 | 31.43 | 0.43 | ppb |
| Copper | 63-2 | 76.26 | 75.98 | 75.92 | 76.05 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 70547.34 | 69253.04 | 70187.80 | 69996.06 | 0.95 | ppb |
| Iron | 57-2 | 69404.52 | 69223.12 | 69285.80 | 69304.48 | 0.13 | ppb |
| Iron | 54-2 | 70807.02 | 69539.20 | 70888.30 | 70411.51 | 1.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.17 | 25.61 | 25.79 | 25.53 | 1.25 | ppb |
| Lead | 207-1 | 23.72 | 24.30 | 24.55 | 24.19 | 1.77 | ppb |
| Lead | 208-1 | 24.19 | 24.49 | 24.59 | 24.42 | 0.85 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 12915.27 | 12651.05 | 12717.90 | 12761.41 | 1.08 | ppb |
| Manganese | 55-2 | 1222.37 | 1207.74 | 1242.99 | 1224.37 | 1.45 | ppb |
| Molybdenum | 94-1 | 12.19 | 12.33 | 12.31 | 12.28 | 0.58 | ppb |
| Molybdenum | 95-1 | 0.87 | 0.83 | 0.91 | 0.87 | 4.26 | ppb |
| Molybdenum | 96-1 | 2.52 | 2.67 | 2.61 | 2.60 | 2.87 | ppb |
| Molybdenum | 97-1 | 0.87 | 0.87 | 0.86 | 0.87 | 0.65 | ppb |
| Molybdenum | 98-1 | 0.81 | 0.80 | 0.82 | 0.81 | 0.73 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.55 | 53.37 | 54.02 | 53.98 | 1.10 | ppb |
| Phosphorus | 31-2 | 1917.72 | 1932.17 | 1939.33 | 1929.74 | 0.57 | ppb |
| Potassium | 39-2 | 6165.51 | 6041.93 | 6056.25 | 6087.89 | 1.11 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 0.13 | 0.95 | 0.35 | 0.48 | 88.47 | ppb |
| Selenium | 77-2 | 14.08 | 10.46 | 12.27 | 12.27 | 14.75 | ppb |
| Selenium | 78-2 | 3.12 | 2.94 | 2.74 | 2.93 | 6.52 | ppb |
| Silicon | 28-1 | 963.63 | 967.76 | 981.22 | 970.87 | 0.95 | ppb |
| Silver | 107-1 | 0.13 | 0.14 | 0.14 | 0.14 | 3.44 | ppb |
| Silver | 109-1 | 0.13 | 0.12 | 0.13 | 0.13 | 1.33 | ppb |
| Sodium | 23-2 | 288.80 | 284.57 | 287.21 | 286.86 | 0.75 | ppb |
| Strontium | 86-1 | 61.56 | 62.24 | 63.16 | 62.32 | 1.29 | ppb |
| Strontium | 88-1 | 64.08 | 65.19 | 65.25 | 64.84 | 1.02 | ppb |
| Sulfur | 34-1 | -1428.18 | -1441.51 | -1364.52 | -1411.40 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.19 | 0.18 | 0.20 | 0.19 | 3.88 | ppb |
| Thallium | 205-1 | 0.19 | 0.18 | 0.19 | 0.19 | 2.39 | ppb |
| Tin | 118-1 | 1.87 | 1.99 | 1.90 | 1.92 | 3.31 | ppb |
| Titanium | 47-1 | 1091.75 | 1098.07 | 1117.18 | 1102.33 | 1.20 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.71 | 0.72 | 0.72 | 0.72 | 0.92 | ppb |
| Vanadium | 51-2 | 175.57 | 174.53 | 175.00 | 175.03 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 131.05 | 129.81 | 128.52 | 129.79 | 0.98 | ppb |
| Zirconium | 90-1 | 6.87 | 6.96 | 6.99 | 6.94 | 0.91 | ppb |
| Zirconium | 91-1 | 6.97 | 7.02 | 7.06 | 7.02 | 0.60 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 26061.57 | 25526.41 | 25947.84 | 25845.27 | 1.09 | ppb |
| Antimony | 121-1 | 1.42 | 1.41 | 1.43 | 1.42 | 0.49 | ppb |
| Arsenic | 75-2 | 49.88 | 49.40 | 51.09 | 50.12 | 1.74 | ppb |
| Barium | 135-1 | 276.02 | 275.37 | 279.63 | 277.01 | 0.83 | ppb |
| Barium | 137-1 | 277.56 | 277.52 | 276.92 | 277.34 | 0.13 | ppb |
| Beryllium | 9-1 | 0.91 | 0.96 | 0.96 | 0.95 | 2.88 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.31 | 1.73 | 1.39 | 1.48 | 14.96 | ppb |
| Cadmium | 106-1 | 1.68 | 0.60 | 0.49 | 0.92 | 71.25 | ppb |
| Cadmium | 111-1 | 0.95 | 0.86 | 0.90 | 0.90 | 4.69 | ppb |
| Calcium | 43-1 | 22453.27 | 22972.87 | 23129.08 | 22851.74 | 1.55 | ppb |
| Calcium | 44-1 | 21346.13 | 21531.35 | 21614.64 | 21497.37 | 0.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.26 | 62.33 | 63.12 | 62.57 | 0.76 | ppb |
| Cobalt | 59-2 | 28.39 | 28.45 | 28.91 | 28.58 | 0.99 | ppb |
| Copper | 63-2 | 140.75 | 140.06 | 142.87 | 141.23 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 58452.49 | 59009.12 | 59484.33 | 58981.98 | 0.88 | ppb |
| Iron | 57-2 | 57902.29 | 58150.04 | 59115.17 | 58389.17 | 1.10 | ppb |
| Iron | 54-2 | 58789.87 | 58611.69 | 59318.31 | 58906.63 | 0.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.81 | 35.66 | 36.58 | 36.02 | 1.37 | ppb |
| Lead | 207-1 | 34.05 | 34.20 | 35.23 | 34.49 | 1.85 | ppb |
| Lead | 208-1 | 34.78 | 34.63 | 35.51 | 34.97 | 1.35 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 14549.53 | 14433.05 | 14608.02 | 14530.20 | 0.61 | ppb |
| Manganese | 55-2 | 1424.28 | 1397.94 | 1430.46 | 1417.56 | 1.22 | ppb |
| Molybdenum | 94-1 | 10.83 | 10.89 | 11.23 | 10.98 | 1.99 | ppb |
| Molybdenum | 95-1 | 1.31 | 1.32 | 1.32 | 1.32 | 0.52 | ppb |
| Molybdenum | 96-1 | 2.80 | 2.79 | 2.87 | 2.82 | 1.58 | ppb |
| Molybdenum | 97-1 | 1.28 | 1.33 | 1.36 | 1.33 | 3.01 | ppb |
| Molybdenum | 98-1 | 1.26 | 1.27 | 1.29 | 1.27 | 1.09 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.15 | 55.30 | 55.55 | 55.33 | 0.37 | ppb |
| Phosphorus | 31-2 | 2411.91 | 2419.42 | 2448.54 | 2426.62 | 0.80 | ppb |
| Potassium | 39-2 | 7880.64 | 7812.91 | 7914.97 | 7869.51 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 0.95 | 0.66 | 0.85 | 0.82 | 17.66 | ppb |
| Selenium | 77-2 | 9.60 | 13.74 | 11.27 | 11.53 | 18.06 | ppb |
| Selenium | 78-2 | 3.58 | 1.67 | 1.67 | 2.31 | 47.81 | ppb |
| Silicon | 28-1 | 1240.29 | 1252.22 | 1269.67 | 1254.06 | 1.18 | ppb |
| Silver | 107-1 | 0.33 | 0.34 | 0.35 | 0.34 | 3.83 | ppb |
| Silver | 109-1 | 0.32 | 0.34 | 0.34 | 0.33 | 2.84 | ppb |
| Sodium | 23-2 | 391.90 | 388.86 | 396.30 | 392.35 | 0.95 | ppb |
| Strontium | 86-1 | 130.00 | 128.59 | 132.85 | 130.48 | 1.66 | ppb |
| Strontium | 88-1 | 134.38 | 133.33 | 135.46 | 134.39 | 0.79 | ppb |
| Sulfur | 34-1 | -599.55 | -489.23 | -479.32 | -522.70 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.21 | 0.19 | 0.19 | 0.20 | 7.23 | ppb |
| Thallium | 205-1 | 0.20 | 0.20 | 0.20 | 0.20 | 0.93 | ppb |
| Tin | 118-1 | 2.16 | 2.16 | 2.29 | 2.21 | 3.44 | ppb |
| Titanium | 47-1 | 812.60 | 829.66 | 840.04 | 827.44 | 1.67 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.69 | 0.72 | 0.71 | 2.68 | ppb |
| Vanadium | 51-2 | 118.23 | 117.39 | 120.32 | 118.65 | 1.27 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 205.11 | 203.96 | 208.29 | 205.78 | 1.09 | ppb |
| Zirconium | 90-1 | 5.88 | 5.93 | 6.01 | 5.94 | 1.11 | ppb |
| Zirconium | 91-1 | 5.87 | 5.81 | 6.15 | 5.95 | 3.06 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 43811.46 | 42858.63 | 42329.17 | 42999.75 | 1.75 | ppb |
| Antimony | 121-1 | 1.23 | 1.21 | 1.23 | 1.22 | 1.19 | ppb |
| Arsenic | 75-2 | 51.46 | 51.65 | 50.00 | 51.04 | 1.77 | ppb |
| Barium | 135-1 | 421.73 | 422.44 | 427.67 | 423.95 | 0.76 | ppb |
| Barium | 137-1 | 451.81 | 454.74 | 460.83 | 455.80 | 1.01 | ppb |
| Beryllium | 9-1 | 1.63 | 1.64 | 1.64 | 1.63 | 0.22 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.90 | 1.80 | 1.99 | 1.89 | 5.03 | ppb |
| Cadmium | 106-1 | 2.46 | 2.06 | 1.13 | 1.88 | 36.45 | ppb |
| Cadmium | 111-1 | 0.84 | 0.85 | 0.74 | 0.81 | 7.42 | ppb |
| Calcium | 43-1 | 22198.70 | 22114.27 | 22295.91 | 22202.96 | 0.41 | ppb |
| Calcium | 44-1 | 20861.27 | 20696.86 | 21121.49 | 20893.21 | 1.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 90.13 | 89.23 | 86.89 | 88.75 | 1.88 | ppb |
| Cobalt | 59-2 | 42.52 | 42.49 | 41.18 | 42.07 | 1.82 | ppb |
| Copper | 63-2 | 143.38 | 140.55 | 137.93 | 140.62 | 1.94 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 82470.87 | 81640.14 | 80649.60 | 81586.87 | 1.12 | ppb |
| Iron | 57-2 | 81099.38 | 81661.85 | 79405.83 | 80722.35 | 1.45 | ppb |
| Iron | 54-2 | 83299.94 | 82246.05 | 79773.40 | 81773.13 | 2.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 36.66 | 37.07 | 37.45 | 37.06 | 1.07 | ppb |
| Lead | 207-1 | 35.09 | 35.23 | 35.25 | 35.19 | 0.25 | ppb |
| Lead | 208-1 | 35.56 | 35.74 | 36.03 | 35.77 | 0.66 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 19390.95 | 19125.80 | 18800.12 | 19105.62 | 1.55 | ppb |
| Manganese | 55-2 | 2056.29 | 2056.73 | 2026.44 | 2046.48 | 0.85 | ppb |
| Molybdenum | 94-1 | 20.23 | 20.08 | 20.49 | 20.27 | 1.02 | ppb |
| Molybdenum | 95-1 | 1.03 | 1.06 | 1.03 | 1.04 | 1.51 | ppb |
| Molybdenum | 96-1 | 3.63 | 3.74 | 3.67 | 3.68 | 1.58 | ppb |
| Molybdenum | 97-1 | 1.01 | 1.00 | 1.02 | 1.01 | 0.71 | ppb |
| Molybdenum | 98-1 | 1.00 | 0.96 | 1.01 | 0.99 | 2.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 75.50 | 73.97 | 73.38 | 74.28 | 1.47 | ppb |
| Phosphorus | 31-2 | 2770.10 | 2744.90 | 2674.06 | 2729.69 | 1.82 | ppb |
| Potassium | 39-2 | 11693.26 | 11575.29 | 11193.83 | 11487.46 | 2.27 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 0.47 | 1.03 | 0.90 | 0.80 | 36.41 | ppb |
| Selenium | 77-2 | 15.64 | 17.89 | 21.07 | 18.20 | 14.98 | ppb |
| Selenium | 78-2 | 3.89 | 4.42 | 2.22 | 3.51 | 32.70 | ppb |
| Silicon | 28-1 | 1058.50 | 1048.24 | 1057.23 | 1054.65 | 0.53 | ppb |
| Silver | 107-1 | 0.27 | 0.27 | 0.29 | 0.28 | 4.21 | ppb |
| Silver | 109-1 | 0.30 | 0.29 | 0.27 | 0.29 | 5.05 | ppb |
| Sodium | 23-2 | 288.95 | 283.52 | 279.08 | 283.85 | 1.74 | ppb |
| Strontium | 86-1 | 94.58 | 95.91 | 95.68 | 95.39 | 0.74 | ppb |
| Strontium | 88-1 | 98.19 | 98.70 | 97.50 | 98.13 | 0.61 | ppb |
| Sulfur | 34-1 | -1247.55 | -1307.91 | -1297.33 | -1284.26 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.32 | 0.34 | 0.33 | 0.33 | 3.60 | ppb |
| Thallium | 205-1 | 0.33 | 0.32 | 0.33 | 0.33 | 2.35 | ppb |
| Tin | 118-1 | 2.42 | 2.47 | 2.49 | 2.46 | 1.50 | ppb |
| Titanium | 47-1 | 1182.08 | 1170.66 | 1179.92 | 1177.56 | 0.52 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.04 | 1.07 | 1.08 | 1.06 | 1.96 | ppb |
| Vanadium | 51-2 | 157.34 | 154.52 | 152.16 | 154.68 | 1.68 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 111 | | % |
| Zinc | 66-2 | 206.55 | 203.02 | 198.38 | 202.65 | 2.02 | ppb |
| Zirconium | 90-1 | 11.38 | 11.59 | 11.68 | 11.55 | 1.37 | ppb |
| Zirconium | 91-1 | 11.58 | 11.53 | 11.66 | 11.59 | 0.54 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 33634.52 | 33368.80 | 32930.95 | 33311.42 | 1.07 | ppb |
| Antimony | 121-1 | 1.45 | 1.47 | 1.46 | 1.46 | 0.72 | ppb |
| Arsenic | 75-2 | 51.43 | 52.36 | 52.11 | 51.97 | 0.92 | ppb |
| Barium | 135-1 | 288.65 | 291.73 | 297.42 | 292.60 | 1.52 | ppb |
| Barium | 137-1 | 289.94 | 290.93 | 296.61 | 292.49 | 1.23 | ppb |
| Beryllium | 9-1 | 1.06 | 1.09 | 1.27 | 1.14 | 9.71 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.17 | 1.48 | 1.30 | 1.32 | 11.55 | ppb |
| Cadmium | 106-1 | 0.53 | 1.11 | 0.58 | 0.74 | 43.87 | ppb |
| Cadmium | 111-1 | 0.72 | 0.74 | 0.67 | 0.71 | 4.84 | ppb |
| Calcium | 43-1 | 17253.99 | 17229.99 | 17630.36 | 17371.45 | 1.29 | ppb |
| Calcium | 44-1 | 16277.04 | 16394.33 | 16590.96 | 16420.78 | 0.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 70.63 | 70.13 | 69.85 | 70.21 | 0.56 | ppb |
| Cobalt | 59-2 | 34.29 | 34.10 | 33.91 | 34.10 | 0.55 | ppb |
| Copper | 63-2 | 147.96 | 145.98 | 145.49 | 146.48 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 69123.25 | 68829.93 | 68564.14 | 68839.11 | 0.41 | ppb |
| Iron | 57-2 | 69043.81 | 68533.47 | 67890.02 | 68489.10 | 0.84 | ppb |
| Iron | 54-2 | 69355.35 | 68941.75 | 69547.60 | 69281.57 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31.86 | 32.10 | 32.47 | 32.14 | 0.96 | ppb |
| Lead | 207-1 | 31.09 | 31.07 | 31.29 | 31.15 | 0.38 | ppb |
| Lead | 208-1 | 31.04 | 31.22 | 31.57 | 31.28 | 0.86 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 15442.26 | 15308.81 | 15222.57 | 15324.55 | 0.72 | ppb |
| Manganese | 55-2 | 1562.69 | 1543.14 | 1549.78 | 1551.87 | 0.64 | ppb |
| Molybdenum | 94-1 | 10.70 | 10.84 | 10.75 | 10.77 | 0.67 | ppb |
| Molybdenum | 95-1 | 1.26 | 1.27 | 1.31 | 1.28 | 2.34 | ppb |
| Molybdenum | 96-1 | 2.74 | 2.86 | 2.85 | 2.82 | 2.39 | ppb |
| Molybdenum | 97-1 | 1.21 | 1.24 | 1.23 | 1.23 | 1.13 | ppb |
| Molybdenum | 98-1 | 1.18 | 1.18 | 1.22 | 1.19 | 1.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.47 | 53.38 | 53.22 | 53.69 | 1.26 | ppb |
| Phosphorus | 31-2 | 2236.03 | 2220.22 | 2178.28 | 2211.51 | 1.35 | ppb |
| Potassium | 39-2 | 11594.63 | 11585.74 | 11626.07 | 11602.15 | 0.18 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.54 | 1.08 | 0.76 | 0.79 | 34.17 | ppb |
| Selenium | 77-2 | 12.67 | 13.03 | 13.58 | 13.09 | 3.51 | ppb |
| Selenium | 78-2 | 0.82 | 2.68 | 2.42 | 1.97 | 51.15 | ppb |
| Silicon | 28-1 | 767.56 | 766.78 | 784.60 | 772.98 | 1.30 | ppb |
| Silver | 107-1 | 0.30 | 0.28 | 0.30 | 0.29 | 3.34 | ppb |
| Silver | 109-1 | 0.30 | 0.30 | 0.32 | 0.31 | 3.67 | ppb |
| Sodium | 23-2 | 341.31 | 335.67 | 334.21 | 337.06 | 1.11 | ppb |
| Strontium | 86-1 | 85.82 | 88.11 | 89.48 | 87.81 | 2.10 | ppb |
| Strontium | 88-1 | 89.64 | 90.61 | 91.76 | 90.67 | 1.17 | ppb |
| Sulfur | 34-1 | -1377.04 | -1343.40 | -1292.69 | -1337.71 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.24 | 0.24 | 0.26 | 0.25 | 4.59 | ppb |
| Thallium | 205-1 | 0.24 | 0.22 | 0.24 | 0.23 | 4.32 | ppb |
| Tin | 118-1 | 1.86 | 1.92 | 1.92 | 1.90 | 1.79 | ppb |
| Titanium | 47-1 | 892.18 | 877.69 | 891.48 | 887.12 | 0.92 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 0.90 | 0.91 | 0.91 | 0.64 | ppb |
| Vanadium | 51-2 | 134.81 | 133.58 | 133.46 | 133.95 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 177.90 | 175.94 | 175.17 | 176.34 | 0.80 | ppb |
| Zirconium | 90-1 | 5.76 | 5.94 | 5.94 | 5.88 | 1.77 | ppb |
| Zirconium | 91-1 | 5.74 | 5.94 | 5.90 | 5.86 | 1.75 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 28667.05 | 35571.09 | 29981.65 | 31406.60 | 11.67 | ppb |
| Antimony | 121-1 | 0.21 | 0.22 | 0.21 | 0.21 | 2.70 | ppb |
| Arsenic | 75-2 | 26.92 | 33.37 | 28.00 | 29.43 | 11.75 | ppb |
| Barium | 135-1 | 203.07 | 205.29 | 206.26 | 204.87 | 0.80 | ppb |
| Barium | 137-1 | 201.73 | 207.13 | 209.08 | 205.98 | 1.85 | ppb |
| Beryllium | 9-1 | 0.53 | 0.60 | 0.48 | 0.53 | 11.34 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.24 | 1.20 | 1.31 | 1.25 | 4.63 | ppb |
| Cadmium | 106-1 | 0.29 | -0.08 | -0.21 | 0.00 | 32207.36 | ppb |
| Cadmium | 111-1 | 0.49 | 0.44 | 0.47 | 0.47 | 6.12 | ppb |
| Calcium | 43-1 | 17162.87 | 17743.41 | 17608.05 | 17504.78 | 1.74 | ppb |
| Calcium | 44-1 | 16435.22 | 16681.96 | 16643.27 | 16586.82 | 0.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 108.25 | 132.54 | 111.09 | 117.29 | 11.32 | ppb |
| Cobalt | 59-2 | 46.78 | 57.16 | 48.85 | 50.93 | 10.78 | ppb |
| Copper | 63-2 | 140.43 | 172.01 | 146.79 | 153.08 | 10.91 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 56990.87 | 68640.56 | 58794.32 | 61475.25 | 10.20 | ppb |
| Iron | 57-2 | 56665.11 | 69112.33 | 59015.00 | 61597.48 | 10.74 | ppb |
| Iron | 54-2 | 56788.41 | 70196.97 | 58451.37 | 61812.25 | 11.82 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17.04 | 16.94 | 17.11 | 17.03 | 0.52 | ppb |
| Lead | 207-1 | 16.30 | 16.77 | 16.52 | 16.53 | 1.42 | ppb |
| Lead | 208-1 | 16.54 | 16.76 | 16.68 | 16.66 | 0.65 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 22677.70 | 28091.53 | 23680.69 | 24816.64 | 11.61 | ppb |
| Manganese | 55-2 | 1624.76 | 1965.36 | 1667.40 | 1752.51 | 10.59 | ppb |
| Molybdenum | 94-1 | 10.28 | 10.56 | 10.62 | 10.49 | 1.72 | ppb |
| Molybdenum | 95-1 | 0.59 | 0.55 | 0.59 | 0.57 | 3.32 | ppb |
| Molybdenum | 96-1 | 2.02 | 2.06 | 2.09 | 2.06 | 1.64 | ppb |
| Molybdenum | 97-1 | 0.56 | 0.58 | 0.59 | 0.57 | 2.89 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.52 | 0.55 | 0.53 | 2.55 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 86.85 | 105.49 | 89.41 | 93.92 | 10.76 | ppb |
| Phosphorus | 31-2 | 1933.98 | 2448.80 | 2043.41 | 2142.06 | 12.66 | ppb |
| Potassium | 39-2 | 5754.92 | 6949.74 | 5916.49 | 6207.05 | 10.44 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.02 | 0.61 | 0.10 | 0.23 | 145.75 | ppb |
| Selenium | 77-2 | 6.71 | 10.54 | 8.18 | 8.48 | 22.84 | ppb |
| Selenium | 78-2 | 0.80 | 2.82 | 1.87 | 1.83 | 55.24 | ppb |
| Silicon | 28-1 | 1098.60 | 1130.28 | 1125.16 | 1118.02 | 1.52 | ppb |
| Silver | 107-1 | 0.14 | 0.15 | 0.15 | 0.15 | 6.61 | ppb |
| Silver | 109-1 | 0.13 | 0.14 | 0.15 | 0.14 | 5.41 | ppb |
| Sodium | 23-2 | 216.53 | 272.66 | 223.30 | 237.50 | 12.90 | ppb |
| Strontium | 86-1 | 53.58 | 54.13 | 54.86 | 54.19 | 1.18 | ppb |
| Strontium | 88-1 | 56.00 | 56.05 | 55.68 | 55.91 | 0.36 | ppb |
| Sulfur | 34-1 | -1337.28 | -1401.67 | -1395.36 | -1378.10 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.13 | 0.13 | 0.14 | 0.13 | 4.87 | ppb |
| Thallium | 205-1 | 0.13 | 0.13 | 0.14 | 0.13 | 2.01 | ppb |
| Tin | 118-1 | 0.30 | 0.30 | 0.29 | 0.30 | 1.31 | ppb |
| Titanium | 47-1 | 601.93 | 616.72 | 611.17 | 609.94 | 1.23 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.46 | 0.46 | 0.46 | 0.46 | 0.49 | ppb |
| Vanadium | 51-2 | 119.91 | 145.26 | 123.56 | 129.58 | 10.58 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 125.81 | 153.51 | 129.95 | 136.43 | 10.95 | ppb |
| Zirconium | 90-1 | 5.92 | 5.91 | 6.08 | 5.97 | 1.63 | ppb |
| Zirconium | 91-1 | 5.97 | 6.01 | 6.06 | 6.01 | 0.68 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27880.08 | 27456.73 | 27982.84 | 27773.22 | 1.00 | ppb |
| Antimony | 121-1 | 0.20 | 0.20 | 0.20 | 0.20 | 2.48 | ppb |
| Arsenic | 75-2 | 32.22 | 31.56 | 32.34 | 32.04 | 1.32 | ppb |
| Barium | 135-1 | 321.11 | 326.95 | 331.52 | 326.53 | 1.60 | ppb |
| Barium | 137-1 | 352.45 | 356.94 | 361.34 | 356.91 | 1.25 | ppb |
| Beryllium | 9-1 | 1.17 | 1.12 | 1.26 | 1.18 | 5.69 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.30 | 1.00 | 1.28 | 1.19 | 14.37 | ppb |
| Cadmium | 106-1 | 0.08 | 0.39 | 0.58 | 0.35 | 72.09 | ppb |
| Cadmium | 111-1 | 0.65 | 0.73 | 0.69 | 0.69 | 5.82 | ppb |
| Calcium | 43-1 | 20088.42 | 20455.40 | 20285.60 | 20276.47 | 0.91 | ppb |
| Calcium | 44-1 | 19113.73 | 19397.88 | 19342.10 | 19284.57 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 58.18 | 57.77 | 57.96 | 57.97 | 0.36 | ppb |
| Cobalt | 59-2 | 35.48 | 34.97 | 35.65 | 35.37 | 1.00 | ppb |
| Copper | 63-2 | 129.56 | 128.84 | 128.50 | 128.97 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 53627.43 | 53545.10 | 53976.27 | 53716.26 | 0.43 | ppb |
| Iron | 57-2 | 53529.67 | 53045.54 | 54290.67 | 53621.96 | 1.17 | ppb |
| Iron | 54-2 | 54415.24 | 53369.84 | 53690.10 | 53825.06 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31.54 | 31.65 | 32.23 | 31.81 | 1.17 | ppb |
| Lead | 207-1 | 30.23 | 30.45 | 30.77 | 30.48 | 0.90 | ppb |
| Lead | 208-1 | 30.41 | 30.66 | 31.09 | 30.72 | 1.13 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 15314.95 | 15268.36 | 15315.04 | 15299.45 | 0.18 | ppb |
| Manganese | 55-2 | 1735.20 | 1738.46 | 1739.55 | 1737.74 | 0.13 | ppb |
| Molybdenum | 94-1 | 14.20 | 14.78 | 14.60 | 14.53 | 2.02 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.79 | 0.76 | 0.76 | 4.17 | ppb |
| Molybdenum | 96-1 | 2.56 | 2.71 | 2.61 | 2.63 | 2.88 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.75 | 0.74 | 0.75 | 1.44 | ppb |
| Molybdenum | 98-1 | 0.71 | 0.72 | 0.71 | 0.71 | 0.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.69 | 53.09 | 53.36 | 53.38 | 0.56 | ppb |
| Phosphorus | 31-2 | 2148.00 | 2161.36 | 2235.40 | 2181.58 | 2.16 | ppb |
| Potassium | 39-2 | 8628.15 | 8495.64 | 8569.61 | 8564.47 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.47 | 0.48 | 0.88 | 0.61 | 38.22 | ppb |
| Selenium | 77-2 | 11.21 | 14.17 | 15.48 | 13.62 | 16.05 | ppb |
| Selenium | 78-2 | 2.76 | 2.26 | 3.58 | 2.86 | 23.28 | ppb |
| Silicon | 28-1 | 1278.00 | 1312.06 | 1291.37 | 1293.81 | 1.33 | ppb |
| Silver | 107-1 | 0.22 | 0.22 | 0.22 | 0.22 | 1.95 | ppb |
| Silver | 109-1 | 0.22 | 0.21 | 0.22 | 0.22 | 1.25 | ppb |
| Sodium | 23-2 | 240.51 | 237.78 | 241.90 | 240.06 | 0.87 | ppb |
| Strontium | 86-1 | 74.59 | 76.60 | 77.18 | 76.12 | 1.79 | ppb |
| Strontium | 88-1 | 76.67 | 79.16 | 79.19 | 78.34 | 1.85 | ppb |
| Sulfur | 34-1 | -1312.16 | -1310.70 | -1356.84 | -1326.57 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.12 | ppb |
| Thallium | 205-1 | 0.24 | 0.24 | 0.25 | 0.24 | 2.55 | ppb |
| Tin | 118-1 | 0.37 | 0.38 | 0.42 | 0.39 | 6.55 | ppb |
| Titanium | 47-1 | 723.49 | 733.98 | 733.06 | 730.18 | 0.80 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.85 | 0.83 | 0.87 | 0.85 | 2.02 | ppb |
| Vanadium | 51-2 | 104.21 | 102.72 | 103.61 | 103.51 | 0.72 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 165.30 | 164.10 | 164.66 | 164.68 | 0.36 | ppb |
| Zirconium | 90-1 | 8.26 | 8.38 | 8.37 | 8.34 | 0.79 | ppb |
| Zirconium | 91-1 | 8.19 | 8.31 | 8.38 | 8.30 | 1.16 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6.10 | 4.33 | 4.23 | 4.89 | 21.57 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Arsenic | 75-2 | 0.00 | 0.01 | 0.04 | 0.02 | 136.88 | ppb |
| Barium | 135-1 | 0.07 | 0.08 | 0.09 | 0.08 | 13.65 | ppb |
| Barium | 137-1 | 0.10 | 0.07 | 0.08 | 0.08 | 16.91 | ppb |
| Beryllium | 9-1 | -0.03 | -0.03 | -0.04 | -0.04 | | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.05 | 0.07 | 0.04 | 66.48 | ppb |
| Cadmium | 106-1 | -2.08 | -2.98 | -2.29 | -2.45 | | ppb |
| Cadmium | 111-1 | -0.15 | -0.22 | -0.17 | -0.18 | | ppb |
| Calcium | 43-1 | -1.00 | -3.80 | 1.19 | -1.20 | | ppb |
| Calcium | 44-1 | -0.09 | -1.35 | 0.26 | -0.40 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | 0.03 | 0.04 | 0.03 | 22.41 | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.01 | 0.01 | 26.53 | ppb |
| Copper | 63-2 | -0.03 | -0.02 | -0.05 | -0.03 | | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 14.66 | 13.74 | 13.84 | 14.08 | 3.57 | ppb |
| Iron | 57-2 | 12.70 | 13.42 | 13.59 | 13.24 | 3.54 | ppb |
| Iron | 54-2 | 14.76 | 14.20 | 14.29 | 14.42 | 2.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | -0.04 | -0.04 | -0.04 | -0.04 | | ppb |
| Lead | 207-1 | -0.03 | -0.05 | -0.03 | -0.03 | | ppb |
| Lead | 208-1 | -0.03 | -0.03 | -0.04 | -0.03 | | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 2.33 | 1.46 | 1.36 | 1.72 | 31.26 | ppb |
| Manganese | 55-2 | 0.39 | 0.35 | 0.34 | 0.36 | 6.76 | ppb |
| Molybdenum | 94-1 | -0.03 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 95-1 | -0.02 | -0.03 | -0.02 | -0.02 | | ppb |
| Molybdenum | 96-1 | -0.02 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 97-1 | -0.03 | -0.03 | -0.02 | -0.03 | | ppb |
| Molybdenum | 98-1 | -0.03 | -0.03 | -0.03 | -0.03 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.07 | 0.04 | 0.06 | 0.06 | 27.63 | ppb |
| Phosphorus | 31-2 | -18.46 | -18.28 | -20.84 | -19.19 | | ppb |
| Potassium | 39-2 | -11.88 | -11.73 | -12.78 | -12.13 | | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | -0.20 | -0.01 | -0.10 | -0.10 | | ppb |
| Selenium | 77-2 | 0.01 | -0.22 | -0.22 | -0.15 | | ppb |
| Selenium | 78-2 | -0.68 | -0.15 | 0.56 | -0.09 | | ppb |
| Silicon | 28-1 | -0.11 | -0.17 | 0.19 | -0.03 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 143.69 | ppb |
| Sodium | 23-2 | -14.39 | -14.74 | -14.40 | -14.51 | | ppb |
| Strontium | 86-1 | -0.02 | -0.01 | -0.03 | -0.02 | | ppb |
| Strontium | 88-1 | -0.04 | -0.04 | -0.04 | -0.04 | | ppb |
| Sulfur | 34-1 | -1519.93 | -1502.44 | -1437.62 | -1486.66 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | -0.02 | -0.01 | -0.01 | -0.01 | | ppb |
| Titanium | 47-1 | 0.13 | 0.09 | 0.08 | 0.10 | 24.94 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.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 | 0.04 | 0.02 | 0.05 | 0.04 | 45.71 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | -0.11 | -0.19 | -0.20 | -0.17 | | ppb |
| Zirconium | 90-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Zirconium | 91-1 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 40.86 | 40.69 | 42.36 | 41.30 | 2.23 | ppb |
| Antimony | 121-1 | 3.63 | 3.64 | 3.67 | 3.65 | 0.71 | ppb |
| Arsenic | 75-2 | 1.89 | 1.95 | 1.91 | 1.92 | 1.77 | ppb |
| Barium | 135-1 | 17.34 | 17.25 | 17.61 | 17.40 | 1.06 | ppb |
| Barium | 137-1 | 17.25 | 17.37 | 17.54 | 17.39 | 0.83 | ppb |
| Beryllium | 9-1 | 1.96 | 1.93 | 1.84 | 1.91 | 3.08 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.13 | 1.47 | 2.07 | 1.89 | 19.20 | ppb |
| Cadmium | 106-1 | 0.44 | -0.51 | -0.82 | -0.30 | | ppb |
| Cadmium | 111-1 | 1.64 | 1.59 | 1.54 | 1.59 | 3.22 | ppb |
| Calcium | 43-1 | 906.13 | 937.98 | 943.29 | 929.13 | 2.16 | ppb |
| Calcium | 44-1 | 932.39 | 942.69 | 949.71 | 941.60 | 0.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.11 | 4.11 | 4.16 | 4.13 | 0.63 | ppb |
| Cobalt | 59-2 | 1.99 | 2.10 | 2.02 | 2.03 | 2.64 | ppb |
| Copper | 63-2 | 3.95 | 3.93 | 3.87 | 3.92 | 1.13 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 422.91 | 423.43 | 420.71 | 422.35 | 0.34 | ppb |
| Iron | 57-2 | 429.31 | 433.83 | 434.54 | 432.56 | 0.66 | ppb |
| Iron | 54-2 | 439.37 | 436.35 | 438.50 | 438.08 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.59 | 1.61 | 1.59 | 1.60 | 0.85 | ppb |
| Lead | 207-1 | 1.56 | 1.57 | 1.62 | 1.58 | 1.94 | ppb |
| Lead | 208-1 | 1.57 | 1.59 | 1.61 | 1.59 | 1.14 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 1012.61 | 1014.96 | 1012.24 | 1013.27 | 0.15 | ppb |
| Manganese | 55-2 | 2.21 | 2.30 | 2.22 | 2.25 | 2.21 | ppb |
| Molybdenum | 94-1 | 10.12 | 10.29 | 10.30 | 10.23 | 0.97 | ppb |
| Molybdenum | 95-1 | 8.32 | 8.43 | 8.35 | 8.36 | 0.67 | ppb |
| Molybdenum | 96-1 | 8.52 | 8.56 | 8.76 | 8.62 | 1.50 | ppb |
| Molybdenum | 97-1 | 8.32 | 8.35 | 8.43 | 8.36 | 0.68 | ppb |
| Molybdenum | 98-1 | 8.29 | 8.41 | 8.45 | 8.38 | 0.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.08 | 2.02 | 2.02 | 2.04 | 1.75 | ppb |
| Phosphorus | 31-2 | -19.12 | -17.02 | -20.15 | -18.76 | | ppb |
| Potassium | 39-2 | 987.15 | 979.30 | 981.68 | 982.71 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 9.41 | 9.26 | 10.40 | 9.69 | 6.38 | ppb |
| Selenium | 77-2 | 10.15 | 8.16 | 9.48 | 9.26 | 10.95 | ppb |
| Selenium | 78-2 | 9.52 | 9.88 | 9.40 | 9.60 | 2.59 | ppb |
| Silicon | 28-1 | 5.27 | 5.63 | 5.72 | 5.54 | 4.29 | ppb |
| Silver | 107-1 | 1.77 | 1.82 | 1.81 | 1.80 | 1.42 | ppb |
| Silver | 109-1 | 1.80 | 1.82 | 1.88 | 1.83 | 2.26 | ppb |
| Sodium | 23-2 | 938.91 | 940.66 | 939.61 | 939.73 | 0.09 | ppb |
| Strontium | 86-1 | 1.93 | 1.86 | 1.90 | 1.90 | 1.92 | ppb |
| Strontium | 88-1 | 1.82 | 1.79 | 1.86 | 1.82 | 1.97 | ppb |
| Sulfur | 34-1 | -1285.14 | -1195.37 | -1084.96 | -1188.49 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.59 | 1.62 | 1.61 | 1.60 | 0.96 | ppb |
| Thallium | 205-1 | 1.58 | 1.55 | 1.59 | 1.57 | 1.15 | ppb |
| Tin | 118-1 | 0.00 | 0.00 | 0.02 | 0.01 | 191.53 | ppb |
| Titanium | 47-1 | 8.68 | 9.03 | 9.04 | 8.92 | 2.29 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.51 | 1.46 | 1.56 | 1.51 | 3.30 | ppb |
| Vanadium | 51-2 | 9.74 | 9.82 | 9.73 | 9.77 | 0.50 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.28 | 9.89 | 9.70 | 9.96 | 2.97 | ppb |
| Zirconium | 90-1 | 1.89 | 1.87 | 1.90 | 1.89 | 0.95 | ppb |
| Zirconium | 91-1 | 1.88 | 1.92 | 1.91 | 1.91 | 1.25 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22.53 | 22.79 | 22.70 | 22.67 | 0.58 | ppb |
| Antimony | 121-1 | 1.83 | 1.84 | 1.85 | 1.84 | 0.58 | ppb |
| Arsenic | 75-2 | 1.16 | 1.04 | 1.03 | 1.08 | 6.42 | ppb |
| Barium | 135-1 | 8.89 | 8.74 | 8.69 | 8.77 | 1.19 | ppb |
| Barium | 137-1 | 8.52 | 8.74 | 8.77 | 8.68 | 1.56 | ppb |
| Beryllium | 9-1 | 0.93 | 0.85 | 0.91 | 0.90 | 4.22 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.78 | 1.01 | 0.97 | 0.92 | 13.41 | ppb |
| Cadmium | 106-1 | -0.75 | -1.00 | -0.30 | -0.68 | | ppb |
| Cadmium | 111-1 | 0.76 | 0.73 | 0.84 | 0.78 | 7.10 | ppb |
| Calcium | 43-1 | 454.64 | 480.21 | 458.57 | 464.47 | 2.96 | ppb |
| Calcium | 44-1 | 461.23 | 470.52 | 464.17 | 465.31 | 1.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.03 | 1.96 | 2.00 | 2.00 | 1.86 | ppb |
| Cobalt | 59-2 | 0.98 | 1.00 | 1.03 | 1.00 | 2.48 | ppb |
| Copper | 63-2 | 1.87 | 2.03 | 2.00 | 1.96 | 4.39 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 217.46 | 218.48 | 216.80 | 217.58 | 0.39 | ppb |
| Iron | 57-2 | 218.40 | 221.17 | 220.60 | 220.06 | 0.66 | ppb |
| Iron | 54-2 | 223.69 | 220.56 | 221.54 | 221.93 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.73 | 0.74 | 0.78 | 0.75 | 3.62 | ppb |
| Lead | 207-1 | 0.75 | 0.73 | 0.75 | 0.74 | 1.49 | ppb |
| Lead | 208-1 | 0.75 | 0.75 | 0.77 | 0.76 | 1.37 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 492.19 | 495.05 | 496.91 | 494.71 | 0.48 | ppb |
| Manganese | 55-2 | 1.30 | 1.32 | 1.23 | 1.29 | 3.72 | ppb |
| Molybdenum | 94-1 | 4.85 | 4.96 | 4.92 | 4.91 | 1.11 | ppb |
| Molybdenum | 95-1 | 4.05 | 4.10 | 4.21 | 4.12 | 1.89 | ppb |
| Molybdenum | 96-1 | 4.11 | 4.21 | 4.15 | 4.16 | 1.19 | ppb |
| Molybdenum | 97-1 | 4.04 | 4.12 | 4.04 | 4.07 | 1.22 | ppb |
| Molybdenum | 98-1 | 4.08 | 4.08 | 4.04 | 4.07 | 0.63 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.10 | 1.05 | 1.14 | 1.10 | 3.84 | ppb |
| Phosphorus | 31-2 | -19.83 | -16.35 | -20.65 | -18.94 | | ppb |
| Potassium | 39-2 | 477.34 | 478.90 | 473.05 | 476.43 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 4.41 | 4.75 | 4.61 | 4.59 | 3.81 | ppb |
| Selenium | 77-2 | 6.23 | 4.15 | 2.79 | 4.39 | 39.46 | ppb |
| Selenium | 78-2 | 5.72 | 4.36 | 5.08 | 5.05 | 13.46 | ppb |
| Silicon | 28-1 | 2.90 | 3.09 | 2.86 | 2.95 | 4.08 | ppb |
| Silver | 107-1 | 0.88 | 0.92 | 0.88 | 0.89 | 2.34 | ppb |
| Silver | 109-1 | 0.88 | 0.93 | 0.92 | 0.91 | 3.14 | ppb |
| Sodium | 23-2 | 453.87 | 455.16 | 454.19 | 454.41 | 0.15 | ppb |
| Strontium | 86-1 | 0.86 | 0.88 | 0.91 | 0.88 | 2.41 | ppb |
| Strontium | 88-1 | 0.88 | 0.87 | 0.88 | 0.88 | 0.84 | ppb |
| Sulfur | 34-1 | -1096.66 | -1015.58 | -1021.76 | -1044.67 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.75 | 0.75 | 0.75 | 0.75 | 0.18 | ppb |
| Thallium | 205-1 | 0.76 | 0.77 | 0.77 | 0.77 | 1.28 | ppb |
| Tin | 118-1 | -0.01 | 0.00 | 0.35 | 0.11 | 182.14 | ppb |
| Titanium | 47-1 | 4.28 | 4.44 | 4.42 | 4.38 | 1.96 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.76 | 0.74 | 0.75 | 1.40 | ppb |
| Vanadium | 51-2 | 4.88 | 4.88 | 4.87 | 4.88 | 0.10 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 4.55 | 4.70 | 4.83 | 4.69 | 2.93 | ppb |
| Zirconium | 90-1 | 0.91 | 0.89 | 0.92 | 0.91 | 1.72 | ppb |
| Zirconium | 91-1 | 0.92 | 0.89 | 0.94 | 0.92 | 2.53 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19385.65 | 19498.85 | 19444.90 | 19443.13 | 0.29 | ppb |
| Antimony | 121-1 | 0.19 | 0.20 | 0.23 | 0.21 | 10.65 | ppb |
| Arsenic | 75-2 | 19.01 | 18.33 | 18.92 | 18.75 | 1.98 | ppb |
| Barium | 135-1 | 197.94 | 202.62 | 211.54 | 204.03 | 3.39 | ppb |
| Barium | 137-1 | 200.44 | 204.29 | 211.05 | 205.26 | 2.62 | ppb |
| Beryllium | 9-1 | 0.69 | 0.82 | 0.76 | 0.76 | 9.11 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.94 | 1.06 | 0.93 | 0.98 | 7.58 | ppb |
| Cadmium | 106-1 | 0.41 | 0.28 | -0.69 | 0.00 | 48574.77 | ppb |
| Cadmium | 111-1 | 0.37 | 0.34 | 0.29 | 0.34 | 12.09 | ppb |
| Calcium | 43-1 | 19650.45 | 19756.24 | 20953.43 | 20120.04 | 3.60 | ppb |
| Calcium | 44-1 | 18681.53 | 18574.32 | 19666.31 | 18974.05 | 3.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 45.79 | 45.70 | 46.13 | 45.87 | 0.50 | ppb |
| Cobalt | 59-2 | 26.40 | 26.20 | 26.49 | 26.36 | 0.57 | ppb |
| Copper | 63-2 | 69.12 | 68.78 | 69.37 | 69.09 | 0.43 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 43356.94 | 42689.42 | 42525.97 | 42857.44 | 1.03 | ppb |
| Iron | 57-2 | 42745.14 | 42218.55 | 42855.87 | 42606.52 | 0.80 | ppb |
| Iron | 54-2 | 43478.16 | 43090.62 | 42784.76 | 43117.85 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.95 | 19.85 | 21.40 | 20.40 | 4.25 | ppb |
| Lead | 207-1 | 18.85 | 18.75 | 20.04 | 19.21 | 3.74 | ppb |
| Lead | 208-1 | 19.05 | 19.12 | 20.40 | 19.52 | 3.91 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 15806.94 | 15838.66 | 15878.05 | 15841.22 | 0.22 | ppb |
| Manganese | 55-2 | 1248.17 | 1233.35 | 1211.65 | 1231.05 | 1.49 | ppb |
| Molybdenum | 94-1 | 11.76 | 11.59 | 12.25 | 11.87 | 2.89 | ppb |
| Molybdenum | 95-1 | 0.39 | 0.42 | 0.48 | 0.43 | 9.91 | ppb |
| Molybdenum | 96-1 | 1.88 | 1.96 | 2.03 | 1.96 | 3.83 | ppb |
| Molybdenum | 97-1 | 0.38 | 0.40 | 0.41 | 0.40 | 3.74 | ppb |
| Molybdenum | 98-1 | 0.38 | 0.42 | 0.40 | 0.40 | 4.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 47.43 | 46.81 | 48.45 | 47.56 | 1.74 | ppb |
| Phosphorus | 31-2 | 2069.83 | 2056.42 | 1977.03 | 2034.43 | 2.47 | ppb |
| Potassium | 39-2 | 4361.45 | 4337.40 | 4282.80 | 4327.22 | 0.93 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.62 | 0.35 | 0.19 | 0.39 | 55.13 | ppb |
| Selenium | 77-2 | 9.04 | 10.65 | 13.21 | 10.97 | 19.20 | ppb |
| Selenium | 78-2 | 1.45 | 1.96 | 1.08 | 1.50 | 29.26 | ppb |
| Silicon | 28-1 | 1277.56 | 1290.00 | 1354.86 | 1307.48 | 3.17 | ppb |
| Silver | 107-1 | 0.08 | 0.09 | 0.09 | 0.09 | 4.49 | ppb |
| Silver | 109-1 | 0.08 | 0.10 | 0.09 | 0.09 | 9.62 | ppb |
| Sodium | 23-2 | 264.94 | 261.38 | 262.30 | 262.87 | 0.70 | ppb |
| Strontium | 86-1 | 58.99 | 59.44 | 62.66 | 60.36 | 3.32 | ppb |
| Strontium | 88-1 | 62.22 | 60.86 | 64.46 | 62.51 | 2.91 | ppb |
| Sulfur | 34-1 | -1045.22 | -1191.21 | -1045.88 | -1094.10 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.12 | 0.15 | 0.13 | 0.13 | 8.22 | ppb |
| Thallium | 205-1 | 0.13 | 0.13 | 0.13 | 0.13 | 2.53 | ppb |
| Tin | 118-1 | 0.30 | 1.20 | 0.35 | 0.62 | 82.01 | ppb |
| Titanium | 47-1 | 596.86 | 599.06 | 635.43 | 610.45 | 3.55 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.55 | 0.55 | 0.58 | 0.56 | 3.36 | ppb |
| Vanadium | 51-2 | 86.49 | 85.38 | 85.91 | 85.93 | 0.64 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 131.73 | 132.26 | 132.91 | 132.30 | 0.45 | ppb |
| Zirconium | 90-1 | 6.69 | 6.77 | 7.26 | 6.91 | 4.49 | ppb |
| Zirconium | 91-1 | 6.76 | 6.95 | 7.20 | 6.97 | 3.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 28428.57 | 28148.13 | 27878.64 | 28151.78 | 0.98 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.18 | 0.19 | 3.17 | ppb |
| Arsenic | 75-2 | 29.05 | 31.50 | 30.89 | 30.48 | 4.20 | ppb |
| Barium | 135-1 | 360.66 | 372.46 | 374.66 | 369.26 | 2.04 | ppb |
| Barium | 137-1 | 393.10 | 404.41 | 402.14 | 399.88 | 1.50 | ppb |
| Beryllium | 9-1 | 1.02 | 1.22 | 1.27 | 1.17 | 11.14 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.96 | 1.16 | 1.29 | 1.14 | 14.59 | ppb |
| Cadmium | 106-1 | 0.30 | 0.59 | 0.54 | 0.48 | 32.37 | ppb |
| Cadmium | 111-1 | 0.67 | 0.71 | 0.64 | 0.67 | 5.46 | ppb |
| Calcium | 43-1 | 27294.64 | 27879.02 | 27939.19 | 27704.28 | 1.29 | ppb |
| Calcium | 44-1 | 25560.75 | 26345.13 | 26278.27 | 26061.39 | 1.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 59.95 | 59.34 | 59.90 | 59.73 | 0.57 | ppb |
| Cobalt | 59-2 | 37.07 | 36.77 | 36.65 | 36.83 | 0.59 | ppb |
| Copper | 63-2 | 137.33 | 136.73 | 136.46 | 136.84 | 0.33 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 55369.22 | 55199.33 | 54930.87 | 55166.47 | 0.40 | ppb |
| Iron | 57-2 | 54660.19 | 53655.81 | 54588.68 | 54301.56 | 1.03 | ppb |
| Iron | 54-2 | 55390.13 | 54694.74 | 55049.34 | 55044.74 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 32.58 | 33.98 | 33.93 | 33.50 | 2.37 | ppb |
| Lead | 207-1 | 30.79 | 32.83 | 32.15 | 31.92 | 3.26 | ppb |
| Lead | 208-1 | 31.44 | 32.96 | 32.69 | 32.36 | 2.50 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 16977.89 | 16673.18 | 16694.99 | 16782.02 | 1.01 | ppb |
| Manganese | 55-2 | 2093.72 | 2073.20 | 2078.77 | 2081.89 | 0.51 | ppb |
| Molybdenum | 94-1 | 11.43 | 11.75 | 11.86 | 11.68 | 1.90 | ppb |
| Molybdenum | 95-1 | 0.85 | 0.86 | 0.87 | 0.86 | 1.35 | ppb |
| Molybdenum | 96-1 | 2.35 | 2.45 | 2.38 | 2.39 | 2.02 | ppb |
| Molybdenum | 97-1 | 0.83 | 0.84 | 0.86 | 0.84 | 1.60 | ppb |
| Molybdenum | 98-1 | 0.77 | 0.80 | 0.80 | 0.79 | 2.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.24 | 54.27 | 53.85 | 54.45 | 1.31 | ppb |
| Phosphorus | 31-2 | 2001.91 | 1981.10 | 2022.25 | 2001.75 | 1.03 | ppb |
| Potassium | 39-2 | 7817.98 | 7696.95 | 7744.79 | 7753.24 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.51 | 0.85 | 0.62 | 0.66 | 26.93 | ppb |
| Selenium | 77-2 | 14.61 | 18.08 | 17.95 | 16.88 | 11.65 | ppb |
| Selenium | 78-2 | 0.99 | 3.43 | 2.98 | 2.47 | 52.68 | ppb |
| Silicon | 28-1 | 1595.19 | 1617.46 | 1624.66 | 1612.44 | 0.95 | ppb |
| Silver | 107-1 | 0.21 | 0.21 | 0.20 | 0.21 | 2.90 | ppb |
| Silver | 109-1 | 0.22 | 0.22 | 0.21 | 0.22 | 1.47 | ppb |
| Sodium | 23-2 | 291.27 | 288.73 | 287.49 | 289.16 | 0.67 | ppb |
| Strontium | 86-1 | 81.59 | 83.07 | 83.67 | 82.78 | 1.29 | ppb |
| Strontium | 88-1 | 84.53 | 85.37 | 87.54 | 85.81 | 1.81 | ppb |
| Sulfur | 34-1 | -1165.69 | -1231.12 | -1277.91 | -1224.91 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.25 | 0.27 | 0.27 | 0.27 | 3.84 | ppb |
| Thallium | 205-1 | 0.25 | 0.28 | 0.27 | 0.27 | 4.77 | ppb |
| Tin | 118-1 | 0.24 | 0.24 | 0.24 | 0.24 | 0.95 | ppb |
| Titanium | 47-1 | 873.50 | 892.09 | 891.80 | 885.80 | 1.20 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.89 | 0.93 | 0.92 | 0.91 | 2.30 | ppb |
| Vanadium | 51-2 | 116.07 | 113.31 | 114.25 | 114.54 | 1.23 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 166.71 | 165.18 | 164.57 | 165.49 | 0.67 | ppb |
| Zirconium | 90-1 | 6.47 | 6.66 | 6.62 | 6.58 | 1.57 | ppb |
| Zirconium | 91-1 | 6.44 | 6.63 | 6.63 | 6.57 | 1.68 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20457.66 | 20614.82 | 20466.89 | 20513.12 | 0.43 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.20 | 0.19 | 5.45 | ppb |
| Arsenic | 75-2 | 24.56 | 25.47 | 24.02 | 24.68 | 2.97 | ppb |
| Barium | 135-1 | 255.20 | 260.55 | 261.19 | 258.98 | 1.27 | ppb |
| Barium | 137-1 | 255.54 | 263.53 | 262.71 | 260.59 | 1.69 | ppb |
| Beryllium | 9-1 | 0.77 | 0.76 | 0.90 | 0.81 | 9.52 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.74 | 0.75 | 0.82 | 0.77 | 5.76 | ppb |
| Cadmium | 106-1 | -0.18 | -0.63 | -0.66 | -0.49 | | ppb |
| Cadmium | 111-1 | 0.45 | 0.49 | 0.42 | 0.45 | 6.90 | ppb |
| Calcium | 43-1 | 19103.94 | 19449.95 | 19574.94 | 19376.28 | 1.26 | ppb |
| Calcium | 44-1 | 18050.04 | 18325.12 | 18507.75 | 18294.30 | 1.26 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.69 | 43.42 | 43.74 | 43.61 | 0.40 | ppb |
| Cobalt | 59-2 | 28.94 | 28.60 | 28.92 | 28.82 | 0.66 | ppb |
| Copper | 63-2 | 92.04 | 90.95 | 92.22 | 91.74 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 45253.21 | 44710.71 | 45044.81 | 45002.91 | 0.61 | ppb |
| Iron | 57-2 | 44860.34 | 44228.53 | 44910.64 | 44666.50 | 0.85 | ppb |
| Iron | 54-2 | 45127.50 | 44995.67 | 45473.71 | 45198.96 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.87 | 26.35 | 26.92 | 26.38 | 1.98 | ppb |
| Lead | 207-1 | 24.37 | 25.49 | 25.67 | 25.18 | 2.80 | ppb |
| Lead | 208-1 | 24.92 | 25.60 | 25.91 | 25.48 | 1.99 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 12815.08 | 12693.33 | 12725.49 | 12744.63 | 0.50 | ppb |
| Manganese | 55-2 | 1499.97 | 1529.35 | 1534.35 | 1521.23 | 1.22 | ppb |
| Molybdenum | 94-1 | 8.43 | 8.64 | 8.79 | 8.62 | 2.15 | ppb |
| Molybdenum | 95-1 | 0.68 | 0.73 | 0.71 | 0.71 | 3.46 | ppb |
| Molybdenum | 96-1 | 1.82 | 1.82 | 1.85 | 1.83 | 0.95 | ppb |
| Molybdenum | 97-1 | 0.65 | 0.62 | 0.74 | 0.67 | 9.04 | ppb |
| Molybdenum | 98-1 | 0.65 | 0.69 | 0.65 | 0.66 | 3.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 44.03 | 43.23 | 43.63 | 43.63 | 0.92 | ppb |
| Phosphorus | 31-2 | 1955.32 | 1884.30 | 1966.78 | 1935.47 | 2.31 | ppb |
| Potassium | 39-2 | 5674.36 | 5628.05 | 5761.93 | 5688.11 | 1.20 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.24 | 0.18 | -0.09 | 0.11 | 156.70 | ppb |
| Selenium | 77-2 | 10.34 | 13.87 | 13.30 | 12.50 | 15.15 | ppb |
| Selenium | 78-2 | 2.65 | 1.63 | 1.22 | 1.83 | 40.31 | ppb |
| Silicon | 28-1 | 2193.25 | 2215.40 | 2250.19 | 2219.61 | 1.29 | ppb |
| Silver | 107-1 | 0.12 | 0.13 | 0.13 | 0.13 | 4.84 | ppb |
| Silver | 109-1 | 0.12 | 0.14 | 0.14 | 0.13 | 6.20 | ppb |
| Sodium | 23-2 | 232.27 | 229.71 | 233.70 | 231.89 | 0.87 | ppb |
| Strontium | 86-1 | 55.69 | 56.90 | 57.50 | 56.70 | 1.63 | ppb |
| Strontium | 88-1 | 56.66 | 58.49 | 58.79 | 57.98 | 1.99 | ppb |
| Sulfur | 34-1 | -1467.04 | -1515.18 | -1513.06 | -1498.43 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.17 | 0.17 | 0.17 | 0.17 | 2.32 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.17 | 0.17 | 4.57 | ppb |
| Tin | 118-1 | 0.24 | 0.26 | 0.23 | 0.24 | 5.75 | ppb |
| Titanium | 47-1 | 750.62 | 765.70 | 773.71 | 763.34 | 1.54 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.74 | 0.76 | 0.75 | 2.19 | ppb |
| Vanadium | 51-2 | 90.78 | 89.82 | 90.47 | 90.36 | 0.54 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 126.86 | 125.42 | 129.03 | 127.10 | 1.43 | ppb |
| Zirconium | 90-1 | 4.67 | 4.79 | 4.83 | 4.76 | 1.73 | ppb |
| Zirconium | 91-1 | 4.71 | 4.83 | 4.89 | 4.81 | 1.88 | ppb |

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On:11/7/2024 3:50:57 AM
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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38446.10 | 38466.60 | 38467.16 | 38459.95 | 0.03 | ppb |
| Antimony | 121-1 | 0.14 | 0.16 | 0.16 | 0.15 | 6.16 | ppb |
| Arsenic | 75-2 | 15.74 | 15.50 | 15.71 | 15.65 | 0.82 | ppb |
| Barium | 135-1 | 85.17 | 85.52 | 88.01 | 86.23 | 1.79 | ppb |
| Barium | 137-1 | 86.39 | 86.82 | 88.59 | 87.27 | 1.34 | ppb |
| Beryllium | 9-1 | 0.22 | 0.26 | 0.23 | 0.24 | 7.33 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.50 | 0.51 | 0.58 | 0.53 | 8.19 | ppb |
| Cadmium | 106-1 | -1.04 | -1.26 | -1.01 | -1.10 | | ppb |
| Cadmium | 111-1 | 0.09 | 0.10 | 0.14 | 0.11 | 22.05 | ppb |
| Calcium | 43-1 | 13368.88 | 13337.43 | 13450.75 | 13385.69 | 0.44 | ppb |
| Calcium | 44-1 | 12594.24 | 12474.97 | 12638.04 | 12569.08 | 0.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 127.02 | 126.05 | 127.79 | 126.95 | 0.69 | ppb |
| Cobalt | 59-2 | 63.94 | 63.40 | 63.76 | 63.70 | 0.43 | ppb |
| Copper | 63-2 | 157.44 | 156.40 | 157.41 | 157.08 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 80186.70 | 79848.65 | 80620.30 | 80218.55 | 0.48 | ppb |
| Iron | 57-2 | 81101.82 | 79678.69 | 80133.06 | 80304.52 | 0.91 | ppb |
| Iron | 54-2 | 81208.28 | 79906.74 | 81040.05 | 80718.36 | 0.88 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7.59 | 7.77 | 7.98 | 7.78 | 2.50 | ppb |
| Lead | 207-1 | 7.65 | 7.72 | 8.13 | 7.83 | 3.27 | ppb |
| Lead | 208-1 | 7.64 | 7.64 | 7.99 | 7.76 | 2.60 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 32117.05 | 32202.43 | 32226.71 | 32182.06 | 0.18 | ppb |
| Manganese | 55-2 | 1487.69 | 1488.25 | 1494.40 | 1490.11 | 0.25 | ppb |
| Molybdenum | 94-1 | 3.60 | 3.78 | 3.77 | 3.71 | 2.76 | ppb |
| Molybdenum | 95-1 | 0.18 | 0.18 | 0.19 | 0.18 | 4.42 | ppb |
| Molybdenum | 96-1 | 1.21 | 1.20 | 1.28 | 1.23 | 3.71 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.19 | 0.19 | 0.18 | 10.42 | ppb |
| Molybdenum | 98-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 112.57 | 113.21 | 113.62 | 113.14 | 0.47 | ppb |
| Phosphorus | 31-2 | 794.19 | 746.81 | 796.76 | 779.25 | 3.61 | ppb |
| Potassium | 39-2 | 2308.78 | 2437.38 | 2443.49 | 2396.55 | 3.17 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 0.15 | -0.32 | 0.25 | 0.02 | 1368.28 | ppb |
| Selenium | 77-2 | 3.61 | 6.01 | 4.08 | 4.57 | 27.95 | ppb |
| Selenium | 78-2 | 1.67 | 0.16 | 0.95 | 0.93 | 81.54 | ppb |
| Silicon | 28-1 | 1215.62 | 1221.52 | 1235.38 | 1224.17 | 0.83 | ppb |
| Silver | 107-1 | 0.06 | 0.06 | 0.07 | 0.06 | 2.88 | ppb |
| Silver | 109-1 | 0.06 | 0.07 | 0.07 | 0.07 | 5.75 | ppb |
| Sodium | 23-2 | 366.69 | 364.65 | 365.07 | 365.47 | 0.29 | ppb |
| Strontium | 86-1 | 45.00 | 45.49 | 46.48 | 45.66 | 1.65 | ppb |
| Strontium | 88-1 | 45.03 | 45.04 | 46.49 | 45.52 | 1.85 | ppb |
| Sulfur | 34-1 | -1825.36 | -1783.70 | -1700.06 | -1769.71 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.05 | 0.03 | 0.05 | 0.04 | 20.67 | ppb |
| Thallium | 205-1 | 0.04 | 0.03 | 0.04 | 0.04 | 8.93 | ppb |
| Tin | 118-1 | 0.27 | 0.29 | 0.30 | 0.28 | 6.01 | ppb |
| Titanium | 47-1 | 593.99 | 598.79 | 600.64 | 597.81 | 0.57 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.15 | 0.15 | 0.16 | 0.16 | 0.78 | ppb |
| Vanadium | 51-2 | 214.26 | 215.33 | 215.34 | 214.98 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 101.84 | 101.32 | 102.80 | 101.99 | 0.73 | ppb |
| Zirconium | 90-1 | 2.12 | 2.13 | 2.18 | 2.14 | 1.58 | ppb |
| Zirconium | 91-1 | 2.19 | 2.14 | 2.20 | 2.18 | 1.31 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17666.93 | 17753.87 | 17509.87 | 17643.56 | 0.70 | ppb |
| Antimony | 121-1 | 0.28 | 0.29 | 0.30 | 0.29 | 4.11 | ppb |
| Arsenic | 75-2 | 40.55 | 40.01 | 40.22 | 40.26 | 0.68 | ppb |
| Barium | 135-1 | 298.57 | 306.48 | 309.24 | 304.76 | 1.82 | ppb |
| Barium | 137-1 | 300.60 | 306.80 | 309.80 | 305.73 | 1.54 | ppb |
| Beryllium | 9-1 | 0.61 | 0.63 | 0.62 | 0.62 | 1.80 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.06 | 1.09 | 1.40 | 1.18 | 15.97 | ppb |
| Cadmium | 106-1 | 0.61 | 0.48 | 0.38 | 0.49 | 24.14 | ppb |
| Cadmium | 111-1 | 0.50 | 0.51 | 0.42 | 0.48 | 10.82 | ppb |
| Calcium | 43-1 | 26833.28 | 27197.32 | 28127.30 | 27385.97 | 2.44 | ppb |
| Calcium | 44-1 | 25364.30 | 25648.48 | 26280.68 | 25764.49 | 1.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 49.09 | 48.31 | 48.03 | 48.48 | 1.13 | ppb |
| Cobalt | 59-2 | 23.13 | 23.09 | 23.20 | 23.14 | 0.22 | ppb |
| Copper | 63-2 | 51.22 | 51.40 | 51.75 | 51.46 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 34968.56 | 34905.63 | 34552.65 | 34808.94 | 0.64 | ppb |
| Iron | 57-2 | 35192.03 | 34300.51 | 34537.39 | 34676.64 | 1.33 | ppb |
| Iron | 54-2 | 34977.69 | 35008.10 | 34780.77 | 34922.19 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15.23 | 15.65 | 15.63 | 15.51 | 1.52 | ppb |
| Lead | 207-1 | 14.75 | 15.26 | 15.29 | 15.10 | 2.02 | ppb |
| Lead | 208-1 | 14.81 | 15.31 | 15.33 | 15.15 | 1.97 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 13643.95 | 13712.19 | 13689.90 | 13682.01 | 0.25 | ppb |
| Manganese | 55-2 | 1288.67 | 1285.81 | 1271.37 | 1281.95 | 0.72 | ppb |
| Molybdenum | 94-1 | 10.44 | 10.32 | 10.69 | 10.48 | 1.81 | ppb |
| Molybdenum | 95-1 | 0.46 | 0.45 | 0.43 | 0.45 | 3.86 | ppb |
| Molybdenum | 96-1 | 1.69 | 1.82 | 1.76 | 1.76 | 3.79 | ppb |
| Molybdenum | 97-1 | 0.45 | 0.39 | 0.42 | 0.42 | 6.95 | ppb |
| Molybdenum | 98-1 | 0.40 | 0.43 | 0.42 | 0.42 | 3.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.53 | 48.46 | 48.50 | 48.50 | 0.07 | ppb |
| Phosphorus | 31-2 | 1554.34 | 1546.55 | 1546.23 | 1549.04 | 0.30 | ppb |
| Potassium | 39-2 | 3252.24 | 3223.28 | 3219.37 | 3231.63 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.21 | 0.24 | 0.69 | 0.38 | 70.06 | ppb |
| Selenium | 77-2 | 6.09 | 6.07 | 5.37 | 5.84 | 6.95 | ppb |
| Selenium | 78-2 | 0.71 | 1.45 | 1.56 | 1.24 | 37.18 | ppb |
| Silicon | 28-1 | 1190.04 | 1208.11 | 1240.64 | 1212.93 | 2.11 | ppb |
| Silver | 107-1 | 0.15 | 0.14 | 0.15 | 0.15 | 2.99 | ppb |
| Silver | 109-1 | 0.14 | 0.15 | 0.14 | 0.15 | 2.98 | ppb |
| Sodium | 23-2 | 344.20 | 342.63 | 344.80 | 343.87 | 0.33 | ppb |
| Strontium | 86-1 | 153.13 | 154.69 | 157.65 | 155.16 | 1.48 | ppb |
| Strontium | 88-1 | 156.70 | 162.13 | 161.74 | 160.19 | 1.89 | ppb |
| Sulfur | 34-1 | -313.72 | -204.11 | -36.73 | -184.85 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.12 | 0.12 | 0.11 | 0.11 | 4.40 | ppb |
| Thallium | 205-1 | 0.12 | 0.12 | 0.11 | 0.11 | 1.14 | ppb |
| Tin | 118-1 | 0.31 | 0.34 | 0.33 | 0.33 | 4.65 | ppb |
| Titanium | 47-1 | 301.80 | 304.97 | 316.04 | 307.60 | 2.43 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.64 | 0.66 | 0.64 | 0.65 | 1.09 | ppb |
| Vanadium | 51-2 | 72.43 | 72.04 | 72.11 | 72.19 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 226.11 | 226.04 | 225.65 | 225.93 | 0.11 | ppb |
| Zirconium | 90-1 | 5.95 | 6.09 | 6.21 | 6.08 | 2.13 | ppb |
| Zirconium | 91-1 | 6.05 | 6.21 | 6.37 | 6.21 | 2.54 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21870.89 | 21667.56 | 21907.99 | 21815.48 | 0.59 | ppb |
| Antimony | 121-1 | 0.40 | 0.37 | 0.37 | 0.38 | 3.74 | ppb |
| Arsenic | 75-2 | 50.99 | 51.32 | 51.14 | 51.15 | 0.33 | ppb |
| Barium | 135-1 | 348.18 | 347.95 | 357.01 | 351.04 | 1.47 | ppb |
| Barium | 137-1 | 386.39 | 377.82 | 393.60 | 385.93 | 2.05 | ppb |
| Beryllium | 9-1 | 0.83 | 0.90 | 0.80 | 0.84 | 5.96 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.45 | 2.05 | 2.68 | 2.39 | 13.37 | ppb |
| Cadmium | 106-1 | 1.80 | 1.37 | 1.38 | 1.52 | 15.92 | ppb |
| Cadmium | 111-1 | 1.55 | 1.59 | 1.58 | 1.58 | 1.32 | ppb |
| Calcium | 43-1 | 22291.31 | 22505.23 | 22375.51 | 22390.69 | 0.48 | ppb |
| Calcium | 44-1 | 21112.10 | 21216.05 | 21036.42 | 21121.52 | 0.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.72 | 46.84 | 47.89 | 47.15 | 1.36 | ppb |
| Cobalt | 59-2 | 29.54 | 29.40 | 29.79 | 29.58 | 0.67 | ppb |
| Copper | 63-2 | 194.23 | 194.19 | 195.46 | 194.63 | 0.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 42924.21 | 43081.57 | 43411.56 | 43139.11 | 0.58 | ppb |
| Iron | 57-2 | 42755.05 | 42105.42 | 43019.59 | 42626.69 | 1.10 | ppb |
| Iron | 54-2 | 43456.30 | 43135.17 | 43306.92 | 43299.46 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 98.72 | 99.88 | 101.48 | 100.02 | 1.38 | ppb |
| Lead | 207-1 | 96.26 | 98.37 | 99.44 | 98.03 | 1.65 | ppb |
| Lead | 208-1 | 106.58 | 106.36 | 108.81 | 107.25 | 1.26 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 12414.05 | 12411.56 | 12586.21 | 12470.61 | 0.80 | ppb |
| Manganese | 55-2 | 1575.10 | 1582.56 | 1593.69 | 1583.78 | 0.59 | ppb |
| Molybdenum | 94-1 | 17.67 | 17.55 | 17.88 | 17.70 | 0.94 | ppb |
| Molybdenum | 95-1 | 0.29 | 0.31 | 0.29 | 0.30 | 4.12 | ppb |
| Molybdenum | 96-1 | 2.43 | 2.45 | 2.50 | 2.46 | 1.32 | ppb |
| Molybdenum | 97-1 | 0.26 | 0.28 | 0.26 | 0.27 | 4.56 | ppb |
| Molybdenum | 98-1 | 0.26 | 0.26 | 0.26 | 0.26 | 1.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 51.91 | 51.57 | 52.17 | 51.88 | 0.57 | ppb |
| Phosphorus | 31-2 | 1990.80 | 2062.84 | 2013.47 | 2022.37 | 1.82 | ppb |
| Potassium | 39-2 | 6241.96 | 6293.76 | 6415.89 | 6317.20 | 1.41 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -0.15 | 0.61 | 0.05 | 0.17 | 232.54 | ppb |
| Selenium | 77-2 | 12.36 | 9.87 | 8.69 | 10.30 | 18.17 | ppb |
| Selenium | 78-2 | 3.03 | 0.95 | 1.53 | 1.84 | 58.27 | ppb |
| Silicon | 28-1 | 1476.71 | 1494.28 | 1480.99 | 1483.99 | 0.62 | ppb |
| Silver | 107-1 | 0.43 | 0.46 | 0.47 | 0.45 | 4.28 | ppb |
| Silver | 109-1 | 0.45 | 0.46 | 0.46 | 0.46 | 0.58 | ppb |
| Sodium | 23-2 | 153.68 | 155.77 | 154.97 | 154.81 | 0.68 | ppb |
| Strontium | 86-1 | 68.68 | 70.51 | 71.38 | 70.19 | 1.96 | ppb |
| Strontium | 88-1 | 70.83 | 72.85 | 73.23 | 72.30 | 1.79 | ppb |
| Sulfur | 34-1 | -800.09 | -867.53 | -993.06 | -886.89 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.18 | 0.19 | 0.19 | 0.19 | 2.76 | ppb |
| Thallium | 205-1 | 0.18 | 0.17 | 0.18 | 0.18 | 3.21 | ppb |
| Tin | 118-1 | 0.44 | 0.44 | 0.45 | 0.44 | 1.51 | ppb |
| Titanium | 47-1 | 463.96 | 473.97 | 470.88 | 469.60 | 1.09 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.55 | 0.55 | 0.55 | 0.55 | 0.69 | ppb |
| Vanadium | 51-2 | 77.19 | 77.08 | 78.48 | 77.59 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 269.71 | 268.67 | 272.84 | 270.41 | 0.80 | ppb |
| Zirconium | 90-1 | 10.22 | 10.47 | 10.50 | 10.40 | 1.49 | ppb |
| Zirconium | 91-1 | 10.51 | 10.65 | 10.56 | 10.57 | 0.68 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21506.37 | 21542.49 | 21482.84 | 21510.57 | 0.14 | ppb |
| Antimony | 121-1 | 0.36 | 0.37 | 0.39 | 0.37 | 4.67 | ppb |
| Arsenic | 75-2 | 49.00 | 48.15 | 49.40 | 48.85 | 1.31 | ppb |
| Barium | 135-1 | 336.84 | 344.90 | 345.72 | 342.49 | 1.43 | ppb |
| Barium | 137-1 | 368.71 | 369.04 | 373.65 | 370.46 | 0.75 | ppb |
| Beryllium | 9-1 | 0.73 | 0.87 | 0.91 | 0.84 | 10.93 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.06 | 2.47 | 2.46 | 2.33 | 9.89 | ppb |
| Cadmium | 106-1 | 1.04 | 1.62 | 1.11 | 1.26 | 25.43 | ppb |
| Cadmium | 111-1 | 1.53 | 1.54 | 1.60 | 1.56 | 2.29 | ppb |
| Calcium | 43-1 | 21516.01 | 21950.24 | 22348.60 | 21938.28 | 1.90 | ppb |
| Calcium | 44-1 | 20369.22 | 20686.38 | 21081.33 | 20712.31 | 1.72 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.05 | 46.37 | 45.79 | 46.07 | 0.64 | ppb |
| Cobalt | 59-2 | 28.97 | 29.02 | 28.32 | 28.77 | 1.35 | ppb |
| Copper | 63-2 | 190.18 | 190.12 | 188.82 | 189.71 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 42113.12 | 42420.54 | 42004.39 | 42179.35 | 0.51 | ppb |
| Iron | 57-2 | 41836.95 | 42393.63 | 41527.30 | 41919.29 | 1.05 | ppb |
| Iron | 54-2 | 42008.11 | 42869.67 | 41859.08 | 42245.62 | 1.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 96.60 | 98.01 | 99.25 | 97.95 | 1.35 | ppb |
| Lead | 207-1 | 95.25 | 95.70 | 97.97 | 96.30 | 1.52 | ppb |
| Lead | 208-1 | 103.72 | 104.36 | 105.81 | 104.63 | 1.02 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 12197.61 | 12315.36 | 12133.93 | 12215.63 | 0.75 | ppb |
| Manganese | 55-2 | 1531.02 | 1539.89 | 1540.38 | 1537.10 | 0.34 | ppb |
| Molybdenum | 94-1 | 17.62 | 18.11 | 18.09 | 17.94 | 1.54 | ppb |
| Molybdenum | 95-1 | 0.25 | 0.29 | 0.30 | 0.28 | 8.86 | ppb |
| Molybdenum | 96-1 | 2.38 | 2.41 | 2.40 | 2.40 | 0.64 | ppb |
| Molybdenum | 97-1 | 0.24 | 0.27 | 0.26 | 0.26 | 6.93 | ppb |
| Molybdenum | 98-1 | 0.25 | 0.26 | 0.24 | 0.25 | 3.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 50.87 | 51.12 | 50.81 | 50.94 | 0.32 | ppb |
| Phosphorus | 31-2 | 1972.80 | 1989.20 | 1965.77 | 1975.93 | 0.61 | ppb |
| Potassium | 39-2 | 6115.47 | 6212.25 | 6243.83 | 6190.52 | 1.08 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | -0.01 | -0.10 | 0.25 | 0.05 | 391.74 | ppb |
| Selenium | 77-2 | 9.88 | 12.49 | 11.99 | 11.45 | 12.11 | ppb |
| Selenium | 78-2 | 1.99 | 2.21 | 1.29 | 1.83 | 26.38 | ppb |
| Silicon | 28-1 | 1471.49 | 1500.95 | 1521.83 | 1498.09 | 1.69 | ppb |
| Silver | 107-1 | 0.44 | 0.45 | 0.45 | 0.45 | 1.24 | ppb |
| Silver | 109-1 | 0.43 | 0.43 | 0.46 | 0.44 | 3.94 | ppb |
| Sodium | 23-2 | 152.91 | 153.37 | 151.96 | 152.75 | 0.47 | ppb |
| Strontium | 86-1 | 67.78 | 69.60 | 69.59 | 68.99 | 1.52 | ppb |
| Strontium | 88-1 | 69.28 | 71.41 | 71.39 | 70.69 | 1.73 | ppb |
| Sulfur | 34-1 | -1096.46 | -1086.22 | -1042.18 | -1074.95 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.18 | 0.19 | 0.18 | 0.19 | 1.63 | ppb |
| Thallium | 205-1 | 0.18 | 0.18 | 0.18 | 0.18 | 0.49 | ppb |
| Tin | 118-1 | 0.42 | 0.41 | 0.42 | 0.42 | 1.46 | ppb |
| Titanium | 47-1 | 452.15 | 458.84 | 467.01 | 459.33 | 1.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.52 | 0.55 | 0.56 | 0.54 | 3.19 | ppb |
| Vanadium | 51-2 | 75.58 | 76.58 | 75.47 | 75.88 | 0.81 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 262.79 | 264.62 | 263.65 | 263.69 | 0.35 | ppb |
| Zirconium | 90-1 | 10.46 | 10.73 | 10.78 | 10.66 | 1.64 | ppb |
| Zirconium | 91-1 | 10.54 | 10.98 | 10.79 | 10.77 | 2.01 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4267.62 | 4286.52 | 4251.84 | 4268.66 | 0.41 | ppb |
| Antimony | 121-1 | 0.07 | 0.05 | 0.05 | 0.06 | 10.64 | ppb |
| Arsenic | 75-2 | 10.57 | 10.19 | 10.21 | 10.32 | 2.11 | ppb |
| Barium | 135-1 | 67.47 | 66.77 | 65.79 | 66.67 | 1.26 | ppb |
| Barium | 137-1 | 67.36 | 67.54 | 66.68 | 67.19 | 0.67 | ppb |
| Beryllium | 9-1 | 0.09 | 0.17 | 0.13 | 0.13 | 26.99 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.48 | 0.38 | 0.32 | 0.39 | 19.91 | ppb |
| Cadmium | 106-1 | -1.81 | -1.29 | -2.00 | -1.70 | | ppb |
| Cadmium | 111-1 | 0.15 | 0.22 | 0.15 | 0.17 | 23.75 | ppb |
| Calcium | 43-1 | 4303.82 | 4406.32 | 4339.97 | 4350.04 | 1.20 | ppb |
| Calcium | 44-1 | 4078.40 | 4106.03 | 4126.50 | 4103.64 | 0.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.31 | 9.33 | 8.99 | 9.21 | 2.07 | ppb |
| Cobalt | 59-2 | 5.64 | 5.84 | 5.71 | 5.73 | 1.74 | ppb |
| Copper | 63-2 | 38.12 | 37.99 | 37.69 | 37.93 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 8363.31 | 8432.55 | 8206.85 | 8334.24 | 1.39 | ppb |
| Iron | 57-2 | 8574.27 | 8541.38 | 8516.51 | 8544.05 | 0.34 | ppb |
| Iron | 54-2 | 8557.87 | 8455.57 | 8456.77 | 8490.07 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.50 | 18.57 | 18.87 | 18.65 | 1.05 | ppb |
| Lead | 207-1 | 18.38 | 18.22 | 18.64 | 18.42 | 1.16 | ppb |
| Lead | 208-1 | 18.38 | 18.34 | 18.67 | 18.46 | 0.96 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 2444.31 | 2447.80 | 2445.69 | 2445.93 | 0.07 | ppb |
| Manganese | 55-2 | 308.33 | 306.04 | 305.96 | 306.78 | 0.44 | ppb |
| Molybdenum | 94-1 | 3.33 | 3.36 | 3.33 | 3.34 | 0.53 | ppb |
| Molybdenum | 95-1 | 0.03 | 0.01 | 0.02 | 0.02 | 56.74 | ppb |
| Molybdenum | 96-1 | 0.39 | 0.45 | 0.43 | 0.42 | 6.36 | ppb |
| Molybdenum | 97-1 | -0.01 | 0.01 | 0.01 | 0.01 | 167.95 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.01 | 0.00 | 60.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.15 | 10.21 | 10.41 | 10.26 | 1.36 | ppb |
| Phosphorus | 31-2 | 348.16 | 365.84 | 354.00 | 356.00 | 2.53 | ppb |
| Potassium | 39-2 | 1275.45 | 1271.72 | 1272.61 | 1273.26 | 0.15 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | -0.02 | -0.25 | -0.43 | -0.23 | | ppb |
| Selenium | 77-2 | 2.09 | 0.94 | 1.39 | 1.48 | 39.33 | ppb |
| Selenium | 78-2 | -1.17 | -0.79 | 0.30 | -0.55 | | ppb |
| Silicon | 28-1 | 283.45 | 286.57 | 304.91 | 291.64 | 3.98 | ppb |
| Silver | 107-1 | 0.08 | 0.09 | 0.08 | 0.08 | 6.71 | ppb |
| Silver | 109-1 | 0.08 | 0.08 | 0.09 | 0.08 | 2.83 | ppb |
| Sodium | 23-2 | 15.70 | 16.43 | 17.36 | 16.49 | 5.04 | ppb |
| Strontium | 86-1 | 13.32 | 13.83 | 13.76 | 13.64 | 2.03 | ppb |
| Strontium | 88-1 | 13.43 | 13.71 | 13.68 | 13.61 | 1.12 | ppb |
| Sulfur | 34-1 | -1608.09 | -1562.50 | -1566.07 | -1578.89 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.03 | 0.03 | 22.06 | ppb |
| Thallium | 205-1 | 0.02 | 0.03 | 0.03 | 0.03 | 12.50 | ppb |
| Tin | 118-1 | 0.07 | 0.07 | 0.07 | 0.07 | 2.38 | ppb |
| Titanium | 47-1 | 91.65 | 91.83 | 91.86 | 91.78 | 0.12 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.10 | 0.10 | 0.09 | 0.10 | 2.60 | ppb |
| Vanadium | 51-2 | 15.06 | 14.81 | 14.99 | 14.95 | 0.87 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 52.29 | 51.95 | 52.94 | 52.39 | 0.96 | ppb |
| Zirconium | 90-1 | 2.04 | 2.04 | 2.09 | 2.06 | 1.32 | ppb |
| Zirconium | 91-1 | 1.98 | 2.04 | 2.10 | 2.04 | 3.02 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22305.64 | 22369.82 | 22225.55 | 22300.33 | 0.32 | ppb |
| Antimony | 121-1 | 55.78 | 55.77 | 63.13 | 58.23 | 7.29 | ppb |
| Arsenic | 75-2 | 71.43 | 71.40 | 71.84 | 71.56 | 0.34 | ppb |
| Barium | 135-1 | 1498.54 | 1500.65 | 1692.52 | 1563.91 | 7.12 | ppb |
| Barium | 137-1 | 1503.71 | 1523.56 | 1708.98 | 1578.75 | 7.17 | ppb |
| Beryllium | 9-1 | 30.76 | 31.95 | 34.33 | 32.35 | 5.62 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 28.13 | 27.93 | 31.81 | 29.29 | 7.47 | ppb |
| Cadmium | 106-1 | 26.76 | 25.77 | 30.06 | 27.53 | 8.16 | ppb |
| Cadmium | 111-1 | 29.32 | 29.49 | 33.42 | 30.75 | 7.54 | ppb |
| Calcium | 43-1 | 21384.54 | 21815.42 | 24007.58 | 22402.51 | 6.28 | ppb |
| Calcium | 44-1 | 20182.79 | 20462.85 | 22554.01 | 21066.55 | 6.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 165.41 | 165.40 | 164.12 | 164.98 | 0.45 | ppb |
| Cobalt | 59-2 | 330.64 | 327.24 | 328.28 | 328.72 | 0.53 | ppb |
| Copper | 63-2 | 341.28 | 336.44 | 340.16 | 339.29 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 42961.32 | 42862.16 | 42830.27 | 42884.58 | 0.16 | ppb |
| Iron | 57-2 | 42907.22 | 42794.79 | 42420.59 | 42707.53 | 0.60 | ppb |
| Iron | 54-2 | 43171.01 | 43251.57 | 42551.72 | 42991.43 | 0.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 106.60 | 107.36 | 117.47 | 110.48 | 5.49 | ppb |
| Lead | 207-1 | 105.28 | 105.64 | 115.34 | 108.75 | 5.25 | ppb |
| Lead | 208-1 | 113.36 | 115.10 | 125.76 | 118.07 | 5.69 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 12077.53 | 12063.50 | 12130.31 | 12090.45 | 0.29 | ppb |
| Manganese | 55-2 | 1832.26 | 1833.83 | 1830.08 | 1832.06 | 0.10 | ppb |
| Molybdenum | 94-1 | 17.97 | 18.37 | 20.22 | 18.86 | 6.36 | ppb |
| Molybdenum | 95-1 | 0.30 | 0.29 | 0.32 | 0.30 | 5.46 | ppb |
| Molybdenum | 96-1 | 2.51 | 2.45 | 2.75 | 2.57 | 6.01 | ppb |
| Molybdenum | 97-1 | 0.26 | 0.27 | 0.30 | 0.28 | 7.02 | ppb |
| Molybdenum | 98-1 | 0.26 | 0.27 | 0.27 | 0.27 | 1.77 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 338.44 | 337.75 | 338.66 | 338.28 | 0.14 | ppb |
| Phosphorus | 31-2 | 1970.58 | 1923.39 | 1948.93 | 1947.63 | 1.21 | ppb |
| Potassium | 39-2 | 6189.04 | 6163.67 | 6177.81 | 6176.84 | 0.21 | ppb |
| Rhodium | 103-1 | | | | 89 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 62.66 | 63.42 | 71.06 | 65.71 | 7.08 | ppb |
| Selenium | 77-2 | 67.78 | 76.86 | 74.62 | 73.09 | 6.47 | ppb |
| Selenium | 78-2 | 68.46 | 67.84 | 62.70 | 66.34 | 4.76 | ppb |
| Silicon | 28-1 | 1479.83 | 1505.98 | 1650.95 | 1545.58 | 5.96 | ppb |
| Silver | 107-1 | 24.30 | 24.29 | 27.53 | 25.37 | 7.35 | ppb |
| Silver | 109-1 | 24.34 | 24.43 | 27.36 | 25.38 | 6.76 | ppb |
| Sodium | 23-2 | 149.74 | 149.50 | 151.71 | 150.32 | 0.81 | ppb |
| Strontium | 86-1 | 67.95 | 68.36 | 76.27 | 70.86 | 6.62 | ppb |
| Strontium | 88-1 | 70.35 | 69.78 | 79.05 | 73.06 | 7.11 | ppb |
| Sulfur | 34-1 | -1179.68 | -1240.78 | -884.93 | -1101.79 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 24.92 | 25.35 | 27.34 | 25.87 | 4.99 | ppb |
| Thallium | 205-1 | 24.78 | 25.32 | 27.43 | 25.84 | 5.42 | ppb |
| Tin | 118-1 | 0.36 | 0.39 | 0.45 | 0.40 | 12.54 | ppb |
| Titanium | 47-1 | 442.43 | 454.62 | 499.96 | 465.67 | 6.51 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.52 | 0.54 | 0.59 | 0.55 | 6.19 | ppb |
| Vanadium | 51-2 | 369.51 | 366.41 | 369.99 | 368.64 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 546.93 | 552.41 | 549.23 | 549.52 | 0.50 | ppb |
| Zirconium | 90-1 | 10.50 | 10.69 | 11.87 | 11.02 | 6.72 | ppb |
| Zirconium | 91-1 | 10.68 | 11.04 | 11.89 | 11.20 | 5.58 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25493.97 | 25582.22 | 25302.48 | 25459.56 | 0.56 | ppb |
| Antimony | 121-1 | 289.33 | 297.14 | 296.76 | 294.41 | 1.50 | ppb |
| Arsenic | 75-2 | 153.82 | 157.98 | 156.15 | 155.98 | 1.33 | ppb |
| Barium | 135-1 | 5872.90 | 6100.90 | 5993.89 | 5989.23 | 1.90 | ppb |
| Barium | 137-1 | 5900.69 | 6005.08 | 6004.07 | 5969.95 | 1.00 | ppb |
| Beryllium | 9-1 | 146.39 | 148.58 | 146.91 | 147.29 | 0.78 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 128.41 | 134.19 | 132.58 | 131.73 | 2.27 | ppb |
| Cadmium | 106-1 | 125.58 | 125.30 | 127.49 | 126.12 | 0.95 | ppb |
| Cadmium | 111-1 | 138.41 | 139.90 | 139.09 | 139.13 | 0.53 | ppb |
| Calcium | 43-1 | 20743.63 | 20770.12 | 21145.53 | 20886.43 | 1.08 | ppb |
| Calcium | 44-1 | 19374.45 | 19717.35 | 20041.76 | 19711.19 | 1.69 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 611.29 | 612.34 | 606.11 | 609.91 | 0.55 | ppb |
| Cobalt | 59-2 | 1454.82 | 1473.71 | 1461.58 | 1463.37 | 0.65 | ppb |
| Copper | 63-2 | 862.81 | 880.19 | 866.81 | 869.93 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 43146.44 | 43744.45 | 43281.15 | 43390.68 | 0.72 | ppb |
| Iron | 57-2 | 43057.12 | 42946.50 | 43257.90 | 43087.17 | 0.37 | ppb |
| Iron | 54-2 | 43983.58 | 43942.61 | 43741.24 | 43889.15 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 140.92 | 144.75 | 145.25 | 143.64 | 1.65 | ppb |
| Lead | 207-1 | 138.30 | 140.98 | 143.66 | 140.98 | 1.90 | ppb |
| Lead | 208-1 | 150.79 | 153.82 | 156.12 | 153.57 | 1.74 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 11564.05 | 11603.40 | 11593.60 | 11587.02 | 0.18 | ppb |
| Manganese | 55-2 | 2887.91 | 2874.25 | 2852.72 | 2871.63 | 0.62 | ppb |
| Molybdenum | 94-1 | 17.92 | 18.00 | 18.14 | 18.02 | 0.63 | ppb |
| Molybdenum | 95-1 | 0.29 | 0.32 | 0.31 | 0.31 | 4.18 | ppb |
| Molybdenum | 96-1 | 2.54 | 2.52 | 2.48 | 2.51 | 1.12 | ppb |
| Molybdenum | 97-1 | 0.28 | 0.26 | 0.27 | 0.27 | 4.46 | ppb |
| Molybdenum | 98-1 | 0.30 | 0.30 | 0.29 | 0.30 | 1.08 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1503.85 | 1519.83 | 1493.15 | 1505.61 | 0.89 | ppb |
| Phosphorus | 31-2 | 1852.25 | 1855.58 | 1871.16 | 1859.66 | 0.54 | ppb |
| Potassium | 39-2 | 5875.90 | 5968.81 | 5901.81 | 5915.51 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 309.88 | 303.06 | 307.57 | 306.84 | 1.13 | ppb |
| Selenium | 77-2 | 324.74 | 310.92 | 317.92 | 317.86 | 2.17 | ppb |
| Selenium | 78-2 | 306.31 | 309.52 | 302.40 | 306.08 | 1.16 | ppb |
| Silicon | 28-1 | 1453.53 | 1481.03 | 1480.51 | 1471.69 | 1.07 | ppb |
| Silver | 107-1 | 116.30 | 125.11 | 116.57 | 119.33 | 4.20 | ppb |
| Silver | 109-1 | 116.38 | 119.18 | 117.85 | 117.80 | 1.19 | ppb |
| Sodium | 23-2 | 146.25 | 144.73 | 144.96 | 145.32 | 0.56 | ppb |
| Strontium | 86-1 | 66.23 | 65.94 | 67.61 | 66.59 | 1.34 | ppb |
| Strontium | 88-1 | 68.51 | 68.36 | 68.64 | 68.51 | 0.21 | ppb |
| Sulfur | 34-1 | -1289.23 | -1359.50 | -1387.42 | -1345.38 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 120.58 | 123.48 | 124.25 | 122.77 | 1.58 | ppb |
| Thallium | 205-1 | 141.18 | 142.07 | 144.07 | 142.44 | 1.04 | ppb |
| Tin | 118-1 | 0.37 | 0.40 | 0.41 | 0.40 | 5.18 | ppb |
| Titanium | 47-1 | 429.25 | 430.42 | 434.35 | 431.34 | 0.62 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.50 | 0.52 | 0.53 | 0.52 | 3.11 | ppb |
| Vanadium | 51-2 | 1453.18 | 1465.65 | 1446.64 | 1455.16 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1635.25 | 1640.52 | 1633.47 | 1636.42 | 0.22 | ppb |
| Zirconium | 90-1 | 10.75 | 10.67 | 10.72 | 10.71 | 0.39 | ppb |
| Zirconium | 91-1 | 10.82 | 10.65 | 10.82 | 10.76 | 0.91 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18427.15 | 18439.22 | 18473.15 | 18446.51 | 0.13 | ppb |
| Antimony | 121-1 | 0.44 | 0.42 | 0.45 | 0.44 | 3.67 | ppb |
| Arsenic | 75-2 | 25.46 | 25.69 | 25.81 | 25.66 | 0.70 | ppb |
| Barium | 135-1 | 255.27 | 257.48 | 260.56 | 257.77 | 1.03 | ppb |
| Barium | 137-1 | 254.32 | 257.40 | 260.69 | 257.47 | 1.24 | ppb |
| Beryllium | 9-1 | 0.66 | 0.67 | 0.73 | 0.69 | 5.64 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.29 | 0.93 | 1.43 | 1.22 | 21.09 | ppb |
| Cadmium | 106-1 | 0.01 | -0.14 | 0.17 | 0.01 | 1378.88 | ppb |
| Cadmium | 111-1 | 0.74 | 0.68 | 0.74 | 0.72 | 4.69 | ppb |
| Calcium | 43-1 | 16149.53 | 16449.93 | 16723.15 | 16440.87 | 1.75 | ppb |
| Calcium | 44-1 | 15270.25 | 15539.43 | 15553.10 | 15454.26 | 1.03 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.53 | 45.68 | 44.75 | 44.99 | 1.36 | ppb |
| Cobalt | 59-2 | 19.59 | 19.58 | 19.39 | 19.52 | 0.58 | ppb |
| Copper | 63-2 | 64.83 | 65.58 | 65.11 | 65.17 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 29881.27 | 29835.62 | 29581.92 | 29766.27 | 0.54 | ppb |
| Iron | 57-2 | 29441.40 | 29815.59 | 29573.32 | 29610.11 | 0.64 | ppb |
| Iron | 54-2 | 29772.18 | 30037.15 | 29955.21 | 29921.51 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16.90 | 17.17 | 17.16 | 17.08 | 0.88 | ppb |
| Lead | 207-1 | 16.22 | 16.74 | 16.56 | 16.51 | 1.58 | ppb |
| Lead | 208-1 | 16.44 | 16.85 | 16.76 | 16.69 | 1.30 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 12252.62 | 12270.62 | 12194.94 | 12239.39 | 0.32 | ppb |
| Manganese | 55-2 | 1172.85 | 1175.80 | 1186.43 | 1178.36 | 0.61 | ppb |
| Molybdenum | 94-1 | 11.11 | 11.24 | 11.37 | 11.24 | 1.14 | ppb |
| Molybdenum | 95-1 | 0.51 | 0.58 | 0.54 | 0.54 | 5.88 | ppb |
| Molybdenum | 96-1 | 1.85 | 1.89 | 1.88 | 1.87 | 1.04 | ppb |
| Molybdenum | 97-1 | 0.47 | 0.54 | 0.54 | 0.52 | 7.74 | ppb |
| Molybdenum | 98-1 | 0.50 | 0.48 | 0.50 | 0.49 | 2.50 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 35.07 | 35.11 | 34.94 | 35.04 | 0.24 | ppb |
| Phosphorus | 31-2 | 1263.31 | 1240.95 | 1204.41 | 1236.22 | 2.40 | ppb |
| Potassium | 39-2 | 4226.42 | 4293.66 | 4259.83 | 4259.97 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.28 | 0.39 | 0.50 | 0.39 | 28.88 | ppb |
| Selenium | 77-2 | 11.92 | 10.29 | 7.38 | 9.86 | 23.31 | ppb |
| Selenium | 78-2 | 1.26 | 2.64 | 1.69 | 1.87 | 37.91 | ppb |
| Silicon | 28-1 | 1498.63 | 1519.31 | 1525.79 | 1514.58 | 0.94 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.15 | 0.14 | 4.67 | ppb |
| Silver | 109-1 | 0.14 | 0.14 | 0.13 | 0.14 | 3.30 | ppb |
| Sodium | 23-2 | 537.84 | 539.08 | 535.11 | 537.34 | 0.38 | ppb |
| Strontium | 86-1 | 177.98 | 181.52 | 182.03 | 180.51 | 1.22 | ppb |
| Strontium | 88-1 | 185.00 | 186.55 | 189.20 | 186.92 | 1.13 | ppb |
| Sulfur | 34-1 | -673.44 | -648.84 | -629.60 | -650.63 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.18 | 0.18 | 0.18 | 0.18 | 1.25 | ppb |
| Thallium | 205-1 | 0.18 | 0.18 | 0.18 | 0.18 | 2.27 | ppb |
| Tin | 118-1 | 0.16 | 0.16 | 0.17 | 0.16 | 2.79 | ppb |
| Titanium | 47-1 | 343.16 | 349.18 | 352.87 | 348.40 | 1.41 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.72 | 1.68 | 1.68 | 2.12 | ppb |
| Vanadium | 51-2 | 69.10 | 69.76 | 69.73 | 69.53 | 0.54 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 194.83 | 195.41 | 194.77 | 195.00 | 0.18 | ppb |
| Zirconium | 90-1 | 6.33 | 6.45 | 6.54 | 6.44 | 1.59 | ppb |
| Zirconium | 91-1 | 6.46 | 6.54 | 6.72 | 6.57 | 2.03 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21154.71 | 21227.25 | 20972.37 | 21118.11 | 0.62 | ppb |
| Antimony | 121-1 | 0.29 | 0.30 | 0.31 | 0.30 | 3.06 | ppb |
| Arsenic | 75-2 | 47.52 | 47.66 | 48.55 | 47.91 | 1.16 | ppb |
| Barium | 135-1 | 332.83 | 338.39 | 343.19 | 338.14 | 1.53 | ppb |
| Barium | 137-1 | 358.24 | 364.94 | 364.25 | 362.48 | 1.02 | ppb |
| Beryllium | 9-1 | 0.73 | 0.78 | 0.79 | 0.77 | 4.03 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.53 | 1.27 | 1.26 | 1.36 | 11.45 | ppb |
| Cadmium | 106-1 | 0.00 | 0.04 | 0.41 | 0.15 | 147.25 | ppb |
| Cadmium | 111-1 | 0.47 | 0.44 | 0.52 | 0.48 | 7.72 | ppb |
| Calcium | 43-1 | 9539.41 | 9548.13 | 9653.60 | 9580.38 | 0.66 | ppb |
| Calcium | 44-1 | 8986.38 | 9085.95 | 9150.75 | 9074.36 | 0.91 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 52.77 | 52.90 | 52.91 | 52.86 | 0.14 | ppb |
| Cobalt | 59-2 | 30.83 | 30.98 | 30.65 | 30.82 | 0.54 | ppb |
| Copper | 63-2 | 112.76 | 112.92 | 113.29 | 112.99 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 46485.52 | 46058.19 | 45653.93 | 46065.88 | 0.90 | ppb |
| Iron | 57-2 | 45916.86 | 45870.41 | 45869.83 | 45885.70 | 0.06 | ppb |
| Iron | 54-2 | 46200.09 | 47046.00 | 46441.66 | 46562.59 | 0.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21.75 | 21.50 | 21.80 | 21.68 | 0.74 | ppb |
| Lead | 207-1 | 21.00 | 20.81 | 21.26 | 21.02 | 1.09 | ppb |
| Lead | 208-1 | 21.08 | 21.20 | 21.40 | 21.22 | 0.76 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 12691.90 | 12593.18 | 12665.45 | 12650.18 | 0.40 | ppb |
| Manganese | 55-2 | 2294.88 | 2308.25 | 2279.02 | 2294.05 | 0.64 | ppb |
| Molybdenum | 94-1 | 14.57 | 15.01 | 14.83 | 14.80 | 1.47 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.76 | 0.75 | 0.75 | 2.00 | ppb |
| Molybdenum | 96-1 | 2.57 | 2.57 | 2.54 | 2.56 | 0.68 | ppb |
| Molybdenum | 97-1 | 0.70 | 0.71 | 0.69 | 0.70 | 1.61 | ppb |
| Molybdenum | 98-1 | 0.70 | 0.69 | 0.68 | 0.69 | 1.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 49.55 | 48.96 | 48.86 | 49.12 | 0.76 | ppb |
| Phosphorus | 31-2 | 1511.17 | 1538.09 | 1503.61 | 1517.62 | 1.19 | ppb |
| Potassium | 39-2 | 5366.56 | 5319.15 | 5316.16 | 5333.96 | 0.53 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.04 | -0.24 | 0.60 | 0.13 | 322.63 | ppb |
| Selenium | 77-2 | 12.98 | 11.90 | 9.62 | 11.50 | 14.91 | ppb |
| Selenium | 78-2 | 1.98 | 1.17 | 1.08 | 1.41 | 35.15 | ppb |
| Silicon | 28-1 | 826.66 | 839.47 | 837.39 | 834.51 | 0.82 | ppb |
| Silver | 107-1 | 0.24 | 0.27 | 0.26 | 0.26 | 5.95 | ppb |
| Silver | 109-1 | 0.25 | 0.26 | 0.26 | 0.26 | 1.96 | ppb |
| Sodium | 23-2 | 80.62 | 80.40 | 79.27 | 80.09 | 0.90 | ppb |
| Strontium | 86-1 | 48.44 | 49.76 | 49.79 | 49.33 | 1.57 | ppb |
| Strontium | 88-1 | 50.74 | 51.03 | 50.51 | 50.76 | 0.51 | ppb |
| Sulfur | 34-1 | -1214.40 | -1163.54 | -1082.57 | -1153.50 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.15 | 0.14 | 0.14 | 0.15 | 4.31 | ppb |
| Thallium | 205-1 | 0.13 | 0.13 | 0.14 | 0.14 | 4.54 | ppb |
| Tin | 118-1 | 0.22 | 0.23 | 0.23 | 0.23 | 2.71 | ppb |
| Titanium | 47-1 | 363.05 | 368.81 | 370.29 | 367.39 | 1.04 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.65 | 0.63 | 0.65 | 0.64 | 1.31 | ppb |
| Vanadium | 51-2 | 76.74 | 77.01 | 77.03 | 76.93 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 142.79 | 142.26 | 142.75 | 142.60 | 0.21 | ppb |
| Zirconium | 90-1 | 8.42 | 8.44 | 8.51 | 8.45 | 0.53 | ppb |
| Zirconium | 91-1 | 8.35 | 8.50 | 8.61 | 8.49 | 1.57 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20448.31 | 20204.39 | 20374.25 | 20342.31 | 0.61 | ppb |
| Antimony | 121-1 | 0.22 | 0.24 | 0.23 | 0.23 | 4.29 | ppb |
| Arsenic | 75-2 | 34.19 | 33.48 | 33.06 | 33.58 | 1.71 | ppb |
| Barium | 135-1 | 286.53 | 291.55 | 294.45 | 290.84 | 1.38 | ppb |
| Barium | 137-1 | 286.30 | 293.27 | 292.84 | 290.80 | 1.34 | ppb |
| Beryllium | 9-1 | 0.69 | 0.81 | 0.84 | 0.78 | 9.66 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.97 | 0.99 | 1.30 | 1.09 | 17.17 | ppb |
| Cadmium | 106-1 | -0.18 | -0.43 | -1.00 | -0.54 | | ppb |
| Cadmium | 111-1 | 0.46 | 0.46 | 0.40 | 0.44 | 7.65 | ppb |
| Calcium | 43-1 | 12418.14 | 12694.39 | 12639.49 | 12584.00 | 1.16 | ppb |
| Calcium | 44-1 | 11833.61 | 11952.68 | 11850.61 | 11878.97 | 0.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.91 | 43.75 | 44.40 | 44.35 | 1.31 | ppb |
| Cobalt | 59-2 | 21.86 | 21.80 | 21.68 | 21.78 | 0.43 | ppb |
| Copper | 63-2 | 56.60 | 55.66 | 56.29 | 56.19 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 33744.44 | 33535.85 | 33691.22 | 33657.17 | 0.32 | ppb |
| Iron | 57-2 | 33358.05 | 33218.39 | 33580.06 | 33385.50 | 0.55 | ppb |
| Iron | 54-2 | 33735.05 | 33076.73 | 33742.90 | 33518.23 | 1.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16.17 | 16.62 | 16.70 | 16.49 | 1.74 | ppb |
| Lead | 207-1 | 15.49 | 15.97 | 16.10 | 15.85 | 2.01 | ppb |
| Lead | 208-1 | 15.71 | 16.12 | 16.26 | 16.03 | 1.78 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 12243.26 | 12188.63 | 12397.89 | 12276.59 | 0.88 | ppb |
| Manganese | 55-2 | 1405.60 | 1401.00 | 1428.54 | 1411.71 | 1.04 | ppb |
| Molybdenum | 94-1 | 9.55 | 9.79 | 10.05 | 9.80 | 2.53 | ppb |
| Molybdenum | 95-1 | 0.52 | 0.48 | 0.52 | 0.50 | 4.81 | ppb |
| Molybdenum | 96-1 | 1.68 | 1.77 | 1.65 | 1.70 | 3.63 | ppb |
| Molybdenum | 97-1 | 0.44 | 0.46 | 0.45 | 0.45 | 2.23 | ppb |
| Molybdenum | 98-1 | 0.42 | 0.44 | 0.44 | 0.43 | 3.08 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.76 | 36.90 | 37.67 | 37.44 | 1.25 | ppb |
| Phosphorus | 31-2 | 1392.52 | 1361.22 | 1370.39 | 1374.71 | 1.17 | ppb |
| Potassium | 39-2 | 4247.38 | 4185.00 | 4252.05 | 4228.14 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.05 | 0.26 | 0.55 | 0.62 | 64.68 | ppb |
| Selenium | 77-2 | 9.45 | 9.75 | 9.57 | 9.59 | 1.61 | ppb |
| Selenium | 78-2 | 2.48 | 2.20 | 2.73 | 2.47 | 10.57 | ppb |
| Silicon | 28-1 | 1383.25 | 1410.93 | 1389.81 | 1394.66 | 1.04 | ppb |
| Silver | 107-1 | 0.31 | 0.34 | 0.34 | 0.33 | 5.43 | ppb |
| Silver | 109-1 | 0.32 | 0.34 | 0.34 | 0.33 | 3.56 | ppb |
| Sodium | 23-2 | 273.41 | 272.59 | 277.07 | 274.36 | 0.87 | ppb |
| Strontium | 86-1 | 136.17 | 139.64 | 139.67 | 138.50 | 1.45 | ppb |
| Strontium | 88-1 | 141.15 | 142.21 | 143.90 | 142.42 | 0.97 | ppb |
| Sulfur | 34-1 | -770.31 | -814.84 | -867.60 | -817.58 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.69 | 0.71 | 0.75 | 0.72 | 4.03 | ppb |
| Thallium | 205-1 | 0.70 | 0.73 | 0.73 | 0.72 | 2.31 | ppb |
| Tin | 118-1 | 0.51 | 0.61 | 0.55 | 0.56 | 9.09 | ppb |
| Titanium | 47-1 | 367.73 | 377.15 | 373.34 | 372.74 | 1.27 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.61 | 0.64 | 0.63 | 0.63 | 2.50 | ppb |
| Vanadium | 51-2 | 67.70 | 66.69 | 67.67 | 67.35 | 0.85 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 189.53 | 189.99 | 189.16 | 189.56 | 0.22 | ppb |
| Zirconium | 90-1 | 5.58 | 5.70 | 5.68 | 5.65 | 1.10 | ppb |
| Zirconium | 91-1 | 5.65 | 5.78 | 5.76 | 5.73 | 1.25 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 30966.71 | 31113.79 | 30837.69 | 30972.73 | 0.45 | ppb |
| Antimony | 121-1 | 0.12 | 0.12 | 0.12 | 0.12 | 3.83 | ppb |
| Arsenic | 75-2 | 25.93 | 27.28 | 26.92 | 26.71 | 2.61 | ppb |
| Barium | 135-1 | 422.54 | 435.02 | 433.11 | 430.22 | 1.56 | ppb |
| Barium | 137-1 | 463.73 | 469.70 | 470.20 | 467.88 | 0.77 | ppb |
| Beryllium | 9-1 | 1.32 | 1.22 | 1.11 | 1.22 | 8.96 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.02 | 0.79 | 0.70 | 0.83 | 19.60 | ppb |
| Cadmium | 106-1 | 0.84 | -0.81 | -1.07 | -0.35 | | ppb |
| Cadmium | 111-1 | 0.25 | 0.19 | 0.14 | 0.20 | 27.72 | ppb |
| Calcium | 43-1 | 10148.12 | 10374.94 | 10373.37 | 10298.81 | 1.27 | ppb |
| Calcium | 44-1 | 9545.50 | 9733.27 | 9625.41 | 9634.72 | 0.98 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 51.01 | 51.60 | 51.39 | 51.33 | 0.58 | ppb |
| Cobalt | 59-2 | 29.99 | 30.01 | 29.69 | 29.90 | 0.61 | ppb |
| Copper | 63-2 | 59.26 | 60.49 | 59.16 | 59.64 | 1.25 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 45093.56 | 45895.32 | 45337.55 | 45442.15 | 0.90 | ppb |
| Iron | 57-2 | 45093.86 | 45731.79 | 44627.33 | 45150.99 | 1.23 | ppb |
| Iron | 54-2 | 45317.39 | 45668.52 | 45786.40 | 45590.77 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.23 | 19.44 | 19.77 | 19.48 | 1.41 | ppb |
| Lead | 207-1 | 18.31 | 18.49 | 18.96 | 18.58 | 1.81 | ppb |
| Lead | 208-1 | 18.63 | 18.76 | 19.23 | 18.87 | 1.67 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 14252.49 | 14674.14 | 14333.08 | 14419.90 | 1.55 | ppb |
| Manganese | 55-2 | 1677.33 | 1676.15 | 1663.48 | 1672.32 | 0.46 | ppb |
| Molybdenum | 94-1 | 15.31 | 15.44 | 15.81 | 15.52 | 1.65 | ppb |
| Molybdenum | 95-1 | 0.28 | 0.25 | 0.25 | 0.26 | 5.57 | ppb |
| Molybdenum | 96-1 | 2.19 | 2.22 | 2.16 | 2.19 | 1.40 | ppb |
| Molybdenum | 97-1 | 0.23 | 0.24 | 0.21 | 0.23 | 6.26 | ppb |
| Molybdenum | 98-1 | 0.20 | 0.22 | 0.21 | 0.21 | 5.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 52.64 | 53.30 | 53.36 | 53.10 | 0.75 | ppb |
| Phosphorus | 31-2 | 1188.08 | 1241.20 | 1206.07 | 1211.78 | 2.23 | ppb |
| Potassium | 39-2 | 6100.27 | 6208.21 | 6140.74 | 6149.74 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.61 | 0.91 | -0.05 | 0.49 | 101.20 | ppb |
| Selenium | 77-2 | 12.02 | 17.23 | 14.36 | 14.54 | 17.93 | ppb |
| Selenium | 78-2 | 2.93 | 2.48 | 1.76 | 2.39 | 24.61 | ppb |
| Silicon | 28-1 | 1326.90 | 1365.31 | 1362.56 | 1351.59 | 1.59 | ppb |
| Silver | 107-1 | 0.07 | 0.08 | 0.09 | 0.08 | 6.89 | ppb |
| Silver | 109-1 | 0.08 | 0.09 | 0.09 | 0.08 | 6.59 | ppb |
| Sodium | 23-2 | 76.17 | 79.57 | 79.02 | 78.25 | 2.33 | ppb |
| Strontium | 86-1 | 69.56 | 70.70 | 70.86 | 70.38 | 1.01 | ppb |
| Strontium | 88-1 | 71.88 | 72.80 | 73.58 | 72.75 | 1.17 | ppb |
| Sulfur | 34-1 | -1667.15 | -1669.45 | -1682.67 | -1673.09 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.18 | 0.19 | 0.18 | 0.18 | 1.44 | ppb |
| Thallium | 205-1 | 0.18 | 0.19 | 0.19 | 0.18 | 1.33 | ppb |
| Tin | 118-1 | 0.21 | 0.20 | 0.20 | 0.20 | 3.89 | ppb |
| Titanium | 47-1 | 522.02 | 534.73 | 535.06 | 530.61 | 1.40 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.61 | 0.61 | 0.64 | 0.62 | 2.69 | ppb |
| Vanadium | 51-2 | 81.40 | 82.10 | 81.83 | 81.78 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 117.92 | 118.68 | 118.83 | 118.48 | 0.41 | ppb |
| Zirconium | 90-1 | 9.02 | 9.22 | 9.27 | 9.17 | 1.43 | ppb |
| Zirconium | 91-1 | 9.14 | 9.13 | 9.25 | 9.17 | 0.74 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23773.04 | 23970.89 | 23809.18 | 23851.03 | 0.44 | ppb |
| Antimony | 121-1 | 0.33 | 0.34 | 0.35 | 0.34 | 2.41 | ppb |
| Arsenic | 75-2 | 36.36 | 35.84 | 36.40 | 36.20 | 0.86 | ppb |
| Barium | 135-1 | 326.56 | 336.73 | 335.63 | 332.97 | 1.68 | ppb |
| Barium | 137-1 | 352.67 | 355.51 | 359.91 | 356.03 | 1.03 | ppb |
| Beryllium | 9-1 | 0.95 | 0.98 | 0.90 | 0.94 | 4.51 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.62 | 1.66 | 1.87 | 1.72 | 7.56 | ppb |
| Cadmium | 106-1 | 0.31 | 0.16 | -0.62 | -0.05 | | ppb |
| Cadmium | 111-1 | 0.91 | 1.04 | 0.93 | 0.96 | 7.32 | ppb |
| Calcium | 43-1 | 9291.14 | 9401.38 | 9393.17 | 9361.90 | 0.66 | ppb |
| Calcium | 44-1 | 8770.60 | 8919.22 | 8854.04 | 8847.95 | 0.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50.22 | 49.73 | 50.68 | 50.21 | 0.94 | ppb |
| Cobalt | 59-2 | 31.31 | 30.94 | 31.27 | 31.18 | 0.65 | ppb |
| Copper | 63-2 | 132.29 | 131.60 | 132.82 | 132.23 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 43264.19 | 42849.62 | 43297.24 | 43137.02 | 0.58 | ppb |
| Iron | 57-2 | 43031.01 | 43286.03 | 43136.17 | 43151.07 | 0.30 | ppb |
| Iron | 54-2 | 43412.33 | 43055.67 | 43086.22 | 43184.74 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.50 | 44.05 | 43.97 | 43.84 | 0.67 | ppb |
| Lead | 207-1 | 43.04 | 42.79 | 42.93 | 42.92 | 0.28 | ppb |
| Lead | 208-1 | 42.68 | 42.90 | 43.09 | 42.89 | 0.48 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 12871.26 | 12811.39 | 12716.96 | 12799.87 | 0.61 | ppb |
| Manganese | 55-2 | 1720.11 | 1708.19 | 1725.84 | 1718.05 | 0.52 | ppb |
| Molybdenum | 94-1 | 15.85 | 15.96 | 15.80 | 15.87 | 0.52 | ppb |
| Molybdenum | 95-1 | 0.35 | 0.36 | 0.37 | 0.36 | 2.87 | ppb |
| Molybdenum | 96-1 | 2.28 | 2.24 | 2.32 | 2.28 | 1.77 | ppb |
| Molybdenum | 97-1 | 0.30 | 0.31 | 0.34 | 0.32 | 7.32 | ppb |
| Molybdenum | 98-1 | 0.32 | 0.31 | 0.31 | 0.31 | 2.57 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.14 | 53.28 | 54.29 | 53.91 | 1.01 | ppb |
| Phosphorus | 31-2 | 1700.23 | 1751.12 | 1659.50 | 1703.61 | 2.69 | ppb |
| Potassium | 39-2 | 6716.45 | 6622.90 | 6706.04 | 6681.79 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.86 | 0.46 | 0.26 | 0.53 | 57.23 | ppb |
| Selenium | 77-2 | 11.80 | 11.34 | 12.25 | 11.80 | 3.84 | ppb |
| Selenium | 78-2 | 1.86 | 1.51 | 2.00 | 1.79 | 13.97 | ppb |
| Silicon | 28-1 | 1696.45 | 1705.94 | 1714.30 | 1705.56 | 0.52 | ppb |
| Silver | 107-1 | 0.25 | 0.28 | 0.27 | 0.27 | 6.00 | ppb |
| Silver | 109-1 | 0.28 | 0.28 | 0.28 | 0.28 | 1.82 | ppb |
| Sodium | 23-2 | 65.41 | 67.41 | 66.62 | 66.48 | 1.52 | ppb |
| Strontium | 86-1 | 51.57 | 52.25 | 52.58 | 52.14 | 0.99 | ppb |
| Strontium | 88-1 | 52.81 | 54.59 | 54.62 | 54.01 | 1.92 | ppb |
| Sulfur | 34-1 | -1644.58 | -1695.89 | -1712.62 | -1684.36 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.26 | 0.25 | 0.26 | 0.26 | 1.52 | ppb |
| Thallium | 205-1 | 0.26 | 0.26 | 0.25 | 0.26 | 1.01 | ppb |
| Tin | 118-1 | 0.27 | 0.27 | 0.29 | 0.28 | 3.32 | ppb |
| Titanium | 47-1 | 482.69 | 488.93 | 491.20 | 487.61 | 0.90 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.62 | 0.61 | 0.65 | 0.63 | 3.43 | ppb |
| Vanadium | 51-2 | 81.64 | 80.75 | 81.39 | 81.26 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 178.75 | 177.86 | 179.24 | 178.62 | 0.39 | ppb |
| Zirconium | 90-1 | 9.26 | 9.33 | 9.39 | 9.32 | 0.72 | ppb |
| Zirconium | 91-1 | 9.25 | 9.33 | 9.48 | 9.35 | 1.28 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48637.89 | 47488.14 | 48312.91 | 48146.31 | 1.23 | ppb |
| Antimony | 121-1 | 487.29 | 477.69 | 489.04 | 484.67 | 1.26 | ppb |
| Arsenic | 75-2 | 514.52 | 514.13 | 515.27 | 514.64 | 0.11 | ppb |
| Barium | 135-1 | 2512.69 | 2427.30 | 2487.33 | 2475.77 | 1.77 | ppb |
| Barium | 137-1 | 2500.95 | 2415.96 | 2464.33 | 2460.41 | 1.73 | ppb |
| Beryllium | 9-1 | 489.38 | 494.82 | 500.32 | 494.84 | 1.10 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 508.12 | 494.96 | 505.24 | 502.78 | 1.38 | ppb |
| Cadmium | 106-1 | 506.79 | 491.58 | 497.71 | 498.70 | 1.54 | ppb |
| Cadmium | 111-1 | 478.76 | 469.66 | 474.72 | 474.38 | 0.96 | ppb |
| Calcium | 43-1 | 243538.74 | 246315.72 | 249414.58 | 246423.01 | 1.19 | ppb |
| Calcium | 44-1 | 241029.24 | 243002.70 | 245533.50 | 243188.48 | 0.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.17 | 492.88 | 490.60 | 493.55 | 0.68 | ppb |
| Cobalt | 59-2 | 522.70 | 522.29 | 524.21 | 523.07 | 0.19 | ppb |
| Copper | 63-2 | 5092.30 | 4990.22 | 5015.68 | 5032.73 | 1.06 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 126127.87 | 124259.56 | 125031.57 | 125139.67 | 0.75 | ppb |
| Iron | 57-2 | 126408.43 | 122785.03 | 125585.83 | 124926.43 | 1.52 | ppb |
| Iron | 54-2 | 127440.64 | 125057.73 | 125336.85 | 125945.07 | 1.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2530.53 | 2552.03 | 2551.84 | 2544.80 | 0.49 | ppb |
| Lead | 207-1 | 2514.91 | 2522.32 | 2549.13 | 2528.78 | 0.71 | ppb |
| Lead | 208-1 | 2503.38 | 2529.12 | 2544.56 | 2525.69 | 0.82 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 250689.17 | 246264.25 | 248394.99 | 248449.47 | 0.89 | ppb |
| Manganese | 55-2 | 4956.06 | 4929.31 | 4896.35 | 4927.24 | 0.61 | ppb |
| Molybdenum | 94-1 | 4973.72 | 4962.38 | 5053.04 | 4996.38 | 0.99 | ppb |
| Molybdenum | 95-1 | 4950.46 | 4922.20 | 5053.05 | 4975.24 | 1.38 | ppb |
| Molybdenum | 96-1 | 4913.69 | 4926.11 | 5060.16 | 4966.65 | 1.64 | ppb |
| Molybdenum | 97-1 | 4934.62 | 4945.10 | 5106.63 | 4995.45 | 1.93 | ppb |
| Molybdenum | 98-1 | 4927.40 | 4898.54 | 5056.12 | 4960.69 | 1.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 492.40 | 482.56 | 484.83 | 486.60 | 1.06 | ppb |
| Phosphorus | 31-2 | 9907.23 | 9669.56 | 9857.80 | 9811.53 | 1.28 | ppb |
| Potassium | 39-2 | 122091.54 | 119876.04 | 120259.22 | 120742.27 | 0.98 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 504.46 | 503.33 | 514.48 | 507.42 | 1.21 | ppb |
| Selenium | 77-2 | 521.95 | 499.52 | 489.49 | 503.65 | 3.30 | ppb |
| Selenium | 78-2 | 510.11 | 506.79 | 497.75 | 504.89 | 1.27 | ppb |
| Silicon | 28-1 | 2542.59 | 2572.31 | 2586.69 | 2567.19 | 0.88 | ppb |
| Silver | 107-1 | 508.88 | 491.05 | 498.46 | 499.46 | 1.79 | ppb |
| Silver | 109-1 | 500.79 | 494.72 | 489.20 | 494.90 | 1.17 | ppb |
| Sodium | 23-2 | 243900.24 | 235985.67 | 240700.15 | 240195.35 | 1.66 | ppb |
| Strontium | 86-1 | 12319.20 | 12223.16 | 12542.60 | 12361.65 | 1.33 | ppb |
| Strontium | 88-1 | 12252.77 | 12198.72 | 12536.48 | 12329.32 | 1.47 | ppb |
| Sulfur | 34-1 | 9397.13 | 9383.13 | 9423.28 | 9401.18 | 0.22 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 508.52 | 509.69 | 511.68 | 509.96 | 0.31 | ppb |
| Thallium | 205-1 | 509.47 | 511.07 | 510.91 | 510.48 | 0.17 | ppb |
| Tin | 118-1 | 481.22 | 473.03 | 473.23 | 475.82 | 0.98 | ppb |
| Titanium | 47-1 | 4881.41 | 4934.60 | 4956.20 | 4924.07 | 0.78 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 517.37 | 513.71 | 508.91 | 513.33 | 0.83 | ppb |
| Vanadium | 51-2 | 509.85 | 498.44 | 498.94 | 502.41 | 1.28 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 5042.78 | 4981.54 | 4994.72 | 5006.35 | 0.64 | ppb |
| Zirconium | 90-1 | 505.94 | 501.72 | 514.48 | 507.38 | 1.28 | ppb |
| Zirconium | 91-1 | 501.00 | 503.43 | 518.03 | 507.48 | 1.82 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.10 | 2.65 | 2.06 | 2.27 | 14.56 | ppb |
| Antimony | 121-1 | 0.32 | 0.32 | 0.31 | 0.32 | 1.32 | ppb |
| Arsenic | 75-2 | 0.01 | 0.00 | 0.01 | 0.01 | 101.42 | ppb |
| Barium | 135-1 | 0.11 | 0.09 | 0.09 | 0.10 | 8.31 | ppb |
| Barium | 137-1 | 0.12 | 0.10 | 0.10 | 0.11 | 14.32 | ppb |
| Beryllium | 9-1 | 0.01 | 0.00 | 0.00 | 0.00 | 173.97 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | 0.08 | -0.01 | 0.04 | 108.13 | ppb |
| Cadmium | 106-1 | -1.42 | -1.42 | -1.23 | -1.36 | | ppb |
| Cadmium | 111-1 | -0.07 | -0.09 | -0.07 | -0.07 | | ppb |
| Calcium | 43-1 | 4.35 | 3.80 | 4.89 | 4.35 | 12.50 | ppb |
| Calcium | 44-1 | 2.73 | 1.06 | 0.35 | 1.38 | 88.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.03 | 0.01 | 0.02 | 72.76 | ppb |
| Cobalt | 59-2 | 0.02 | 0.01 | 0.01 | 0.01 | 18.60 | ppb |
| Copper | 63-2 | 0.03 | 0.06 | 0.00 | 0.03 | 86.38 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 7.17 | 7.28 | 7.13 | 7.19 | 1.15 | ppb |
| Iron | 57-2 | 5.58 | 6.53 | 5.50 | 5.87 | 9.83 | ppb |
| Iron | 54-2 | 6.35 | 7.46 | 7.63 | 7.15 | 9.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.05 | 0.05 | 0.04 | 0.04 | 10.93 | ppb |
| Lead | 207-1 | 0.07 | 0.05 | 0.03 | 0.05 | 39.11 | ppb |
| Lead | 208-1 | 0.06 | 0.04 | 0.04 | 0.05 | 23.73 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 3.24 | 2.59 | 2.36 | 2.73 | 16.66 | ppb |
| Manganese | 55-2 | 0.23 | 0.19 | 0.23 | 0.21 | 11.72 | ppb |
| Molybdenum | 94-1 | 0.29 | 0.23 | 0.22 | 0.25 | 15.69 | ppb |
| Molybdenum | 95-1 | 0.20 | 0.21 | 0.16 | 0.19 | 14.94 | ppb |
| Molybdenum | 96-1 | 0.20 | 0.19 | 0.18 | 0.19 | 3.52 | ppb |
| Molybdenum | 97-1 | 0.21 | 0.19 | 0.14 | 0.18 | 20.63 | ppb |
| Molybdenum | 98-1 | 0.20 | 0.16 | 0.16 | 0.17 | 10.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.05 | 0.02 | 0.05 | 0.04 | 50.16 | ppb |
| Phosphorus | 31-2 | -19.00 | -23.48 | -20.70 | -21.06 | | ppb |
| Potassium | 39-2 | -2.98 | -3.44 | -3.49 | -3.30 | | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | -0.74 | -0.49 | -0.06 | -0.43 | | ppb |
| Selenium | 77-2 | 0.00 | -0.22 | -0.22 | -0.15 | | ppb |
| Selenium | 78-2 | 0.58 | -0.47 | -0.71 | -0.20 | | ppb |
| Silicon | 28-1 | 0.93 | 0.54 | 0.69 | 0.72 | 27.10 | ppb |
| Silver | 107-1 | 0.05 | 0.03 | 0.04 | 0.04 | 14.10 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.03 | 0.04 | 19.00 | ppb |
| Sodium | 23-2 | 1.31 | -0.67 | 0.17 | 0.27 | 374.37 | ppb |
| Strontium | 86-1 | 0.24 | 0.21 | 0.14 | 0.20 | 25.14 | ppb |
| Strontium | 88-1 | 0.22 | 0.16 | 0.13 | 0.17 | 26.77 | ppb |
| Sulfur | 34-1 | -657.77 | -663.46 | -636.50 | -652.58 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.05 | 0.04 | 0.04 | 0.04 | 18.86 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.03 | 0.04 | 19.93 | ppb |
| Tin | 118-1 | 0.06 | 0.10 | 0.11 | 0.09 | 27.54 | ppb |
| Titanium | 47-1 | 0.18 | 0.16 | 0.15 | 0.16 | 10.99 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.18 | ppb |
| Vanadium | 51-2 | 0.02 | 0.02 | 0.03 | 0.02 | 20.22 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 0.00 | 0.00 | 0.01 | 0.00 | 208.13 | ppb |
| Zirconium | 90-1 | 0.06 | 0.05 | 0.05 | 0.05 | 10.84 | ppb |
| Zirconium | 91-1 | 0.06 | 0.08 | 0.07 | 0.07 | 11.00 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 30899.93 | 30776.57 | 30716.65 | 30797.71 | 0.30 | ppb |
| Antimony | 121-1 | 0.32 | 0.38 | 0.35 | 0.35 | 7.59 | ppb |
| Arsenic | 75-2 | 117.78 | 120.37 | 118.16 | 118.77 | 1.18 | ppb |
| Barium | 135-1 | 999.32 | 1026.49 | 1016.33 | 1014.05 | 1.35 | ppb |
| Barium | 137-1 | 996.72 | 1023.72 | 1015.68 | 1012.04 | 1.37 | ppb |
| Beryllium | 9-1 | 0.96 | 1.12 | 1.04 | 1.04 | 7.85 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.82 | 1.28 | 1.63 | 1.57 | 17.21 | ppb |
| Cadmium | 106-1 | 2.50 | 1.50 | 0.95 | 1.65 | 47.60 | ppb |
| Cadmium | 111-1 | 0.82 | 0.74 | 0.71 | 0.76 | 7.03 | ppb |
| Calcium | 43-1 | 16494.45 | 16339.40 | 16396.68 | 16410.18 | 0.48 | ppb |
| Calcium | 44-1 | 15439.72 | 15410.18 | 15689.51 | 15513.14 | 0.99 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 71.00 | 72.16 | 72.34 | 71.83 | 1.02 | ppb |
| Cobalt | 59-2 | 40.09 | 40.19 | 40.50 | 40.26 | 0.53 | ppb |
| Copper | 63-2 | 97.86 | 98.07 | 99.13 | 98.35 | 0.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 60199.98 | 60327.51 | 60237.97 | 60255.16 | 0.11 | ppb |
| Iron | 57-2 | 59130.09 | 59869.06 | 59693.17 | 59564.11 | 0.65 | ppb |
| Iron | 54-2 | 59771.30 | 60779.12 | 60211.83 | 60254.08 | 0.84 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20.15 | 20.14 | 20.09 | 20.13 | 0.16 | ppb |
| Lead | 207-1 | 19.19 | 19.26 | 19.18 | 19.21 | 0.23 | ppb |
| Lead | 208-1 | 19.38 | 19.59 | 19.55 | 19.51 | 0.57 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 17470.49 | 17409.68 | 17408.75 | 17429.64 | 0.20 | ppb |
| Manganese | 55-2 | 7176.18 | 7200.24 | 7267.97 | 7214.80 | 0.66 | ppb |
| Molybdenum | 94-1 | 20.68 | 20.47 | 20.94 | 20.70 | 1.15 | ppb |
| Molybdenum | 95-1 | 0.65 | 0.64 | 0.63 | 0.64 | 1.58 | ppb |
| Molybdenum | 96-1 | 3.02 | 3.01 | 3.07 | 3.03 | 1.06 | ppb |
| Molybdenum | 97-1 | 0.51 | 0.48 | 0.49 | 0.50 | 2.81 | ppb |
| Molybdenum | 98-1 | 0.48 | 0.46 | 0.48 | 0.48 | 2.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 93.94 | 94.76 | 94.65 | 94.45 | 0.47 | ppb |
| Phosphorus | 31-2 | 1871.59 | 1950.44 | 1913.43 | 1911.82 | 2.06 | ppb |
| Potassium | 39-2 | 3502.59 | 3470.79 | 3510.50 | 3494.63 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 111 | | % |
| Selenium | 82-1 | 0.01 | 0.00 | 0.73 | 0.25 | 167.65 | ppb |
| Selenium | 77-2 | 16.09 | 14.88 | 15.78 | 15.59 | 4.05 | ppb |
| Selenium | 78-2 | 3.35 | 4.13 | 2.69 | 3.39 | 21.26 | ppb |
| Silicon | 28-1 | 1578.89 | 1554.91 | 1557.85 | 1563.88 | 0.84 | ppb |
| Silver | 107-1 | 0.09 | 0.10 | 0.10 | 0.10 | 3.36 | ppb |
| Silver | 109-1 | 0.10 | 0.11 | 0.10 | 0.10 | 6.29 | ppb |
| Sodium | 23-2 | 114.29 | 114.76 | 113.99 | 114.35 | 0.34 | ppb |
| Strontium | 86-1 | 97.07 | 96.82 | 99.34 | 97.74 | 1.42 | ppb |
| Strontium | 88-1 | 100.65 | 102.40 | 102.30 | 101.78 | 0.96 | ppb |
| Sulfur | 34-1 | -1047.51 | -1195.46 | -1385.08 | -1209.35 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 110 | | % |
| Thallium | 203-1 | 0.26 | 0.31 | 0.25 | 0.27 | 11.08 | ppb |
| Thallium | 205-1 | 0.26 | 0.28 | 0.26 | 0.27 | 5.28 | ppb |
| Tin | 118-1 | 0.22 | 0.22 | 0.25 | 0.23 | 6.93 | ppb |
| Titanium | 47-1 | 483.55 | 479.83 | 486.50 | 483.29 | 0.69 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.61 | 0.63 | 0.63 | 0.62 | 2.21 | ppb |
| Vanadium | 51-2 | 123.04 | 123.97 | 124.08 | 123.70 | 0.46 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 111 | | % |
| Zinc | 66-2 | 133.65 | 133.40 | 133.58 | 133.54 | 0.10 | ppb |
| Zirconium | 90-1 | 11.97 | 12.05 | 12.19 | 12.07 | 0.90 | ppb |
| Zirconium | 91-1 | 12.06 | 12.15 | 12.31 | 12.17 | 1.04 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22452.17 | 22205.46 | 22226.22 | 22294.62 | 0.61 | ppb |
| Antimony | 121-1 | 0.24 | 0.24 | 0.22 | 0.24 | 4.63 | ppb |
| Arsenic | 75-2 | 32.00 | 33.09 | 32.18 | 32.42 | 1.79 | ppb |
| Barium | 135-1 | 236.59 | 238.68 | 239.81 | 238.36 | 0.69 | ppb |
| Barium | 137-1 | 236.16 | 239.91 | 240.11 | 238.73 | 0.93 | ppb |
| Beryllium | 9-1 | 0.86 | 0.88 | 0.92 | 0.89 | 3.42 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.89 | 1.44 | 1.00 | 1.11 | 25.93 | ppb |
| Cadmium | 106-1 | 0.63 | -0.69 | 0.05 | 0.00 | | ppb |
| Cadmium | 111-1 | 0.45 | 0.36 | 0.39 | 0.40 | 11.63 | ppb |
| Calcium | 43-1 | 16369.54 | 16486.53 | 16575.05 | 16477.04 | 0.63 | ppb |
| Calcium | 44-1 | 15463.83 | 15546.11 | 15746.86 | 15585.60 | 0.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.62 | 46.68 | 46.27 | 46.52 | 0.47 | ppb |
| Cobalt | 59-2 | 20.53 | 20.36 | 20.69 | 20.53 | 0.79 | ppb |
| Copper | 63-2 | 57.67 | 57.80 | 57.81 | 57.76 | 0.14 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 111 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 106 | | % |
| Iron | 56-2 | 35474.00 | 35123.16 | 35758.86 | 35452.01 | 0.90 | ppb |
| Iron | 57-2 | 35261.75 | 34967.48 | 35366.17 | 35198.47 | 0.59 | ppb |
| Iron | 54-2 | 35996.70 | 35492.40 | 35454.30 | 35647.80 | 0.85 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15.81 | 16.01 | 16.52 | 16.11 | 2.28 | ppb |
| Lead | 207-1 | 15.23 | 15.52 | 15.86 | 15.54 | 2.04 | ppb |
| Lead | 208-1 | 15.46 | 15.64 | 16.12 | 15.74 | 2.18 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 12533.33 | 12410.84 | 12551.39 | 12498.52 | 0.61 | ppb |
| Manganese | 55-2 | 1140.64 | 1151.29 | 1145.22 | 1145.72 | 0.47 | ppb |
| Molybdenum | 94-1 | 12.47 | 12.81 | 12.77 | 12.68 | 1.46 | ppb |
| Molybdenum | 95-1 | 0.44 | 0.52 | 0.48 | 0.48 | 8.20 | ppb |
| Molybdenum | 96-1 | 2.07 | 2.12 | 2.00 | 2.06 | 2.75 | ppb |
| Molybdenum | 97-1 | 0.44 | 0.50 | 0.46 | 0.47 | 5.76 | ppb |
| Molybdenum | 98-1 | 0.44 | 0.44 | 0.43 | 0.44 | 0.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.62 | 40.78 | 41.25 | 40.88 | 0.81 | ppb |
| Phosphorus | 31-2 | 1241.88 | 1211.18 | 1228.91 | 1227.32 | 1.26 | ppb |
| Potassium | 39-2 | 3676.10 | 3662.64 | 3661.34 | 3666.70 | 0.22 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 0.12 | 0.17 | 0.58 | 0.29 | 85.74 | ppb |
| Selenium | 77-2 | 8.84 | 7.82 | 10.81 | 9.16 | 16.57 | ppb |
| Selenium | 78-2 | 1.47 | 2.47 | 1.13 | 1.69 | 41.39 | ppb |
| Silicon | 28-1 | 1696.61 | 1704.51 | 1725.13 | 1708.75 | 0.86 | ppb |
| Silver | 107-1 | 0.14 | 0.15 | 0.15 | 0.15 | 3.23 | ppb |
| Silver | 109-1 | 0.14 | 0.16 | 0.15 | 0.15 | 8.07 | ppb |
| Sodium | 23-2 | 338.39 | 337.99 | 337.71 | 338.03 | 0.10 | ppb |
| Strontium | 86-1 | 108.41 | 108.70 | 110.31 | 109.14 | 0.94 | ppb |
| Strontium | 88-1 | 111.14 | 111.46 | 113.03 | 111.88 | 0.90 | ppb |
| Sulfur | 34-1 | -1160.66 | -1275.86 | -1287.04 | -1241.19 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 111 | | % |
| Thallium | 203-1 | 0.12 | 0.14 | 0.12 | 0.13 | 8.08 | ppb |
| Thallium | 205-1 | 0.13 | 0.12 | 0.12 | 0.12 | 3.72 | ppb |
| Tin | 118-1 | 0.34 | 0.35 | 0.34 | 0.34 | 0.92 | ppb |
| Titanium | 47-1 | 326.75 | 328.25 | 330.10 | 328.37 | 0.51 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.75 | 0.78 | 0.76 | 3.28 | ppb |
| Vanadium | 51-2 | 78.44 | 78.20 | 77.66 | 78.10 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 151.78 | 149.99 | 149.71 | 150.49 | 0.75 | ppb |
| Zirconium | 90-1 | 7.29 | 7.39 | 7.37 | 7.35 | 0.70 | ppb |
| Zirconium | 91-1 | 7.30 | 7.25 | 7.49 | 7.35 | 1.73 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21169.41 | 21234.73 | 21242.73 | 21215.63 | 0.19 | ppb |
| Antimony | 121-1 | 0.57 | 0.62 | 0.66 | 0.62 | 7.19 | ppb |
| Arsenic | 75-2 | 40.44 | 40.67 | 40.60 | 40.57 | 0.29 | ppb |
| Barium | 135-1 | 343.91 | 349.20 | 403.35 | 365.49 | 9.00 | ppb |
| Barium | 137-1 | 368.73 | 382.85 | 439.88 | 397.15 | 9.48 | ppb |
| Beryllium | 9-1 | 1.00 | 0.85 | 1.01 | 0.95 | 9.50 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.61 | 1.94 | 1.87 | 1.81 | 9.72 | ppb |
| Cadmium | 106-1 | 1.64 | 2.11 | 1.85 | 1.87 | 12.60 | ppb |
| Cadmium | 111-1 | 0.68 | 0.76 | 0.83 | 0.76 | 9.64 | ppb |
| Calcium | 43-1 | 39078.84 | 38929.75 | 45083.75 | 41030.78 | 8.56 | ppb |
| Calcium | 44-1 | 36909.16 | 36702.14 | 42647.60 | 38752.97 | 8.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.16 | 42.63 | 43.74 | 43.18 | 1.28 | ppb |
| Cobalt | 59-2 | 23.74 | 23.54 | 23.63 | 23.64 | 0.43 | ppb |
| Copper | 63-2 | 92.50 | 91.05 | 92.13 | 91.89 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 112 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 36595.84 | 36318.47 | 36572.04 | 36495.45 | 0.42 | ppb |
| Iron | 57-2 | 36482.51 | 35932.73 | 36880.90 | 36432.05 | 1.31 | ppb |
| Iron | 54-2 | 37215.84 | 36501.02 | 37112.98 | 36943.28 | 1.05 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.35 | 25.54 | 29.29 | 26.73 | 8.31 | ppb |
| Lead | 207-1 | 24.51 | 24.48 | 28.59 | 25.86 | 9.16 | ppb |
| Lead | 208-1 | 24.60 | 24.87 | 28.52 | 26.00 | 8.42 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 13431.98 | 13302.18 | 13501.30 | 13411.82 | 0.75 | ppb |
| Manganese | 55-2 | 1614.89 | 1597.32 | 1627.18 | 1613.13 | 0.93 | ppb |
| Molybdenum | 94-1 | 21.40 | 21.43 | 25.01 | 22.61 | 9.18 | ppb |
| Molybdenum | 95-1 | 0.55 | 0.64 | 0.70 | 0.63 | 11.98 | ppb |
| Molybdenum | 96-1 | 3.01 | 3.06 | 3.56 | 3.21 | 9.56 | ppb |
| Molybdenum | 97-1 | 0.61 | 0.63 | 0.62 | 0.62 | 1.53 | ppb |
| Molybdenum | 98-1 | 0.53 | 0.57 | 0.65 | 0.58 | 10.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 45.93 | 45.94 | 45.83 | 45.90 | 0.13 | ppb |
| Phosphorus | 31-2 | 2045.43 | 2002.67 | 2029.58 | 2025.90 | 1.07 | ppb |
| Potassium | 39-2 | 5855.96 | 5804.61 | 5923.91 | 5861.49 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 0.16 | 0.53 | 0.11 | 0.27 | 85.52 | ppb |
| Selenium | 77-2 | 10.29 | 8.58 | 6.35 | 8.41 | 23.48 | ppb |
| Selenium | 78-2 | 2.22 | 2.07 | 2.16 | 2.15 | 3.51 | ppb |
| Silicon | 28-1 | 2196.68 | 2180.17 | 2529.11 | 2301.99 | 8.55 | ppb |
| Silver | 107-1 | 0.15 | 0.16 | 0.19 | 0.17 | 13.40 | ppb |
| Silver | 109-1 | 0.16 | 0.17 | 0.19 | 0.17 | 9.21 | ppb |
| Sodium | 23-2 | 192.17 | 190.31 | 192.67 | 191.72 | 0.65 | ppb |
| Strontium | 86-1 | 225.86 | 229.29 | 261.17 | 238.77 | 8.16 | ppb |
| Strontium | 88-1 | 230.84 | 234.93 | 270.21 | 245.33 | 8.82 | ppb |
| Sulfur | 34-1 | -145.52 | -132.83 | 681.69 | 134.44 | 352.54 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 111 | | % |
| Thallium | 203-1 | 0.32 | 0.32 | 0.39 | 0.34 | 12.20 | ppb |
| Thallium | 205-1 | 0.31 | 0.32 | 0.37 | 0.34 | 9.67 | ppb |
| Tin | 118-1 | 0.74 | 0.81 | 0.98 | 0.84 | 14.73 | ppb |
| Titanium | 47-1 | 433.57 | 433.15 | 500.20 | 455.64 | 8.47 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.52 | 0.54 | 0.60 | 0.56 | 7.82 | ppb |
| Vanadium | 51-2 | 70.26 | 69.20 | 70.65 | 70.04 | 1.07 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 185.19 | 184.34 | 187.34 | 185.62 | 0.83 | ppb |
| Zirconium | 90-1 | 12.48 | 12.52 | 14.69 | 13.23 | 9.55 | ppb |
| Zirconium | 91-1 | 12.55 | 12.69 | 14.52 | 13.25 | 8.30 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21989.91 | 21459.06 | 21316.62 | 21588.53 | 1.64 | ppb |
| Antimony | 121-1 | 1.45 | 1.48 | 1.51 | 1.48 | 2.00 | ppb |
| Arsenic | 75-2 | 39.09 | 38.15 | 37.34 | 38.19 | 2.30 | ppb |
| Barium | 135-1 | 320.82 | 330.13 | 330.36 | 327.10 | 1.66 | ppb |
| Barium | 137-1 | 349.11 | 356.72 | 353.27 | 353.03 | 1.08 | ppb |
| Beryllium | 9-1 | 1.08 | 1.02 | 1.02 | 1.04 | 3.66 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.33 | 2.62 | 2.45 | 2.47 | 5.89 | ppb |
| Cadmium | 106-1 | 1.22 | 1.42 | 0.95 | 1.20 | 19.44 | ppb |
| Cadmium | 111-1 | 1.73 | 1.82 | 1.85 | 1.80 | 3.56 | ppb |
| Calcium | 43-1 | 8642.41 | 8601.97 | 8745.20 | 8663.19 | 0.85 | ppb |
| Calcium | 44-1 | 8261.91 | 8142.60 | 8150.27 | 8184.93 | 0.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50.69 | 49.44 | 49.86 | 49.99 | 1.28 | ppb |
| Cobalt | 59-2 | 27.98 | 28.06 | 28.23 | 28.09 | 0.44 | ppb |
| Copper | 63-2 | 257.47 | 257.37 | 257.16 | 257.33 | 0.06 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 41285.57 | 41457.91 | 41279.02 | 41340.83 | 0.25 | ppb |
| Iron | 57-2 | 41146.67 | 39689.34 | 40668.30 | 40501.43 | 1.83 | ppb |
| Iron | 54-2 | 41379.69 | 41308.09 | 41592.33 | 41426.70 | 0.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 80.85 | 83.46 | 82.10 | 82.14 | 1.59 | ppb |
| Lead | 207-1 | 80.70 | 81.58 | 82.66 | 81.65 | 1.20 | ppb |
| Lead | 208-1 | 80.16 | 81.94 | 81.52 | 81.21 | 1.15 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 11858.23 | 11789.03 | 11838.87 | 11828.71 | 0.30 | ppb |
| Manganese | 55-2 | 1618.99 | 1627.08 | 1609.49 | 1618.52 | 0.54 | ppb |
| Molybdenum | 94-1 | 13.61 | 13.75 | 13.99 | 13.79 | 1.40 | ppb |
| Molybdenum | 95-1 | 0.36 | 0.38 | 0.38 | 0.37 | 3.31 | ppb |
| Molybdenum | 96-1 | 2.04 | 2.04 | 2.08 | 2.05 | 1.18 | ppb |
| Molybdenum | 97-1 | 0.35 | 0.32 | 0.38 | 0.35 | 9.29 | ppb |
| Molybdenum | 98-1 | 0.30 | 0.32 | 0.33 | 0.31 | 4.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.27 | 47.70 | 47.15 | 47.71 | 1.18 | ppb |
| Phosphorus | 31-2 | 1551.96 | 1534.92 | 1536.77 | 1541.22 | 0.61 | ppb |
| Potassium | 39-2 | 5932.02 | 5850.94 | 5880.88 | 5887.95 | 0.70 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 0.05 | 0.72 | 0.15 | 0.31 | 117.27 | ppb |
| Selenium | 77-2 | 11.72 | 10.33 | 12.43 | 11.49 | 9.28 | ppb |
| Selenium | 78-2 | 3.20 | 2.02 | 1.72 | 2.31 | 33.96 | ppb |
| Silicon | 28-1 | 2280.67 | 2285.10 | 2300.97 | 2288.91 | 0.47 | ppb |
| Silver | 107-1 | 0.64 | 0.66 | 0.68 | 0.66 | 2.55 | ppb |
| Silver | 109-1 | 0.63 | 0.67 | 0.67 | 0.66 | 3.78 | ppb |
| Sodium | 23-2 | 126.31 | 122.52 | 122.47 | 123.77 | 1.78 | ppb |
| Strontium | 86-1 | 54.65 | 55.20 | 55.35 | 55.07 | 0.67 | ppb |
| Strontium | 88-1 | 54.84 | 56.88 | 57.59 | 56.44 | 2.53 | ppb |
| Sulfur | 34-1 | -1475.62 | -1654.06 | -1694.87 | -1608.18 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 0.22 | 0.22 | 0.24 | 0.23 | 4.82 | ppb |
| Thallium | 205-1 | 0.23 | 0.22 | 0.24 | 0.23 | 3.91 | ppb |
| Tin | 118-1 | 0.48 | 0.48 | 0.51 | 0.49 | 3.29 | ppb |
| Titanium | 47-1 | 513.01 | 511.50 | 515.18 | 513.23 | 0.36 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.65 | 0.66 | 0.65 | 0.65 | 0.65 | ppb |
| Vanadium | 51-2 | 76.09 | 75.48 | 75.89 | 75.82 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 257.21 | 252.13 | 253.38 | 254.24 | 1.04 | ppb |
| Zirconium | 90-1 | 7.95 | 8.07 | 8.14 | 8.06 | 1.17 | ppb |
| Zirconium | 91-1 | 7.90 | 8.00 | 8.14 | 8.02 | 1.48 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 44668.35 | 45342.39 | 45630.10 | 45213.61 | 1.09 | ppb |
| Antimony | 121-1 | 0.21 | 0.21 | 0.21 | 0.21 | 2.13 | ppb |
| Arsenic | 75-2 | 33.89 | 33.81 | 33.13 | 33.61 | 1.24 | ppb |
| Barium | 135-1 | 274.52 | 276.34 | 279.60 | 276.82 | 0.93 | ppb |
| Barium | 137-1 | 275.41 | 277.60 | 281.33 | 278.12 | 1.08 | ppb |
| Beryllium | 9-1 | 0.86 | 0.99 | 0.89 | 0.92 | 7.59 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.33 | 2.53 | 2.99 | 2.62 | 12.90 | ppb |
| Cadmium | 106-1 | 1.20 | 0.24 | 0.82 | 0.76 | 63.99 | ppb |
| Cadmium | 111-1 | 2.16 | 2.19 | 2.21 | 2.19 | 1.04 | ppb |
| Calcium | 43-1 | 18693.82 | 18995.02 | 18866.47 | 18851.77 | 0.80 | ppb |
| Calcium | 44-1 | 17675.39 | 17814.43 | 17954.53 | 17814.79 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48.92 | 48.19 | 48.22 | 48.44 | 0.86 | ppb |
| Cobalt | 59-2 | 76.44 | 77.14 | 77.02 | 76.87 | 0.49 | ppb |
| Copper | 63-2 | 135.51 | 136.49 | 135.28 | 135.76 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 93869.63 | 93788.54 | 94520.76 | 94059.64 | 0.43 | ppb |
| Iron | 57-2 | 93517.28 | 93639.30 | 93830.99 | 93662.53 | 0.17 | ppb |
| Iron | 54-2 | 94376.14 | 94620.17 | 95155.38 | 94717.23 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.91 | 27.81 | 27.58 | 27.43 | 1.69 | ppb |
| Lead | 207-1 | 26.05 | 27.07 | 26.77 | 26.63 | 1.97 | ppb |
| Lead | 208-1 | 26.27 | 27.06 | 26.94 | 26.76 | 1.60 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 24663.60 | 24743.64 | 24526.54 | 24644.59 | 0.45 | ppb |
| Manganese | 55-2 | 3474.99 | 3462.10 | 3476.75 | 3471.28 | 0.23 | ppb |
| Molybdenum | 94-1 | 3.94 | 3.89 | 4.04 | 3.96 | 1.90 | ppb |
| Molybdenum | 95-1 | 0.82 | 0.79 | 0.74 | 0.78 | 4.95 | ppb |
| Molybdenum | 96-1 | 1.79 | 1.82 | 1.83 | 1.81 | 1.09 | ppb |
| Molybdenum | 97-1 | 0.75 | 0.77 | 0.78 | 0.77 | 1.92 | ppb |
| Molybdenum | 98-1 | 0.67 | 0.70 | 0.70 | 0.69 | 2.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 44.65 | 44.32 | 44.45 | 44.47 | 0.37 | ppb |
| Phosphorus | 31-2 | 1169.93 | 1167.16 | 1166.81 | 1167.97 | 0.15 | ppb |
| Potassium | 39-2 | 2573.95 | 2604.41 | 2578.50 | 2585.62 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 0.18 | -0.03 | 0.20 | 0.12 | 106.98 | ppb |
| Selenium | 77-2 | 7.17 | 7.81 | 9.58 | 8.19 | 15.29 | ppb |
| Selenium | 78-2 | 0.58 | 1.88 | -0.01 | 0.81 | 118.82 | ppb |
| Silicon | 28-1 | 2364.65 | 2421.52 | 2378.78 | 2388.31 | 1.24 | ppb |
| Silver | 107-1 | 0.72 | 0.73 | 0.71 | 0.72 | 1.04 | ppb |
| Silver | 109-1 | 0.71 | 0.72 | 0.74 | 0.72 | 2.19 | ppb |
| Sodium | 23-2 | 628.12 | 631.01 | 629.62 | 629.58 | 0.23 | ppb |
| Strontium | 86-1 | 105.55 | 106.69 | 107.86 | 106.70 | 1.08 | ppb |
| Strontium | 88-1 | 108.66 | 109.35 | 109.98 | 109.33 | 0.60 | ppb |
| Sulfur | 34-1 | -2071.72 | -2079.40 | -2137.72 | -2096.28 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.22 | 0.23 | 0.23 | 0.23 | 1.98 | ppb |
| Thallium | 205-1 | 0.22 | 0.24 | 0.23 | 0.23 | 3.76 | ppb |
| Tin | 118-1 | 0.20 | 0.20 | 0.22 | 0.21 | 5.52 | ppb |
| Titanium | 47-1 | 1003.79 | 1038.77 | 1002.26 | 1014.94 | 2.03 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.41 | 0.42 | 0.41 | 0.41 | 1.44 | ppb |
| Vanadium | 51-2 | 166.29 | 165.51 | 165.23 | 165.68 | 0.33 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 441.58 | 445.63 | 444.38 | 443.87 | 0.47 | ppb |
| Zirconium | 90-1 | 2.00 | 1.97 | 2.02 | 1.99 | 1.35 | ppb |
| Zirconium | 91-1 | 1.93 | 1.96 | 2.01 | 1.97 | 1.86 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23438.62 | 25922.06 | 27705.67 | 25688.78 | 8.34 | ppb |
| Antimony | 121-1 | 0.33 | 0.32 | 0.34 | 0.33 | 3.56 | ppb |
| Arsenic | 75-2 | 46.30 | 51.78 | 52.51 | 50.19 | 6.76 | ppb |
| Barium | 135-1 | 348.99 | 353.96 | 358.78 | 353.91 | 1.38 | ppb |
| Barium | 137-1 | 385.45 | 383.31 | 389.52 | 386.09 | 0.82 | ppb |
| Beryllium | 9-1 | 1.10 | 0.86 | 1.14 | 1.03 | 14.58 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.91 | 1.80 | 1.92 | 1.88 | 3.58 | ppb |
| Cadmium | 106-1 | 1.53 | -0.31 | 0.80 | 0.67 | 137.17 | ppb |
| Cadmium | 111-1 | 0.97 | 0.82 | 0.91 | 0.90 | 8.06 | ppb |
| Calcium | 43-1 | 17510.48 | 17676.22 | 17612.86 | 17599.85 | 0.48 | ppb |
| Calcium | 44-1 | 16405.70 | 16803.02 | 16605.02 | 16604.58 | 1.20 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50.62 | 55.98 | 58.34 | 54.98 | 7.20 | ppb |
| Cobalt | 59-2 | 30.40 | 33.70 | 35.03 | 33.05 | 7.22 | ppb |
| Copper | 63-2 | 138.02 | 151.30 | 159.76 | 149.69 | 7.32 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 44806.65 | 49189.06 | 51256.01 | 48417.24 | 6.80 | ppb |
| Iron | 57-2 | 44199.16 | 48431.67 | 50393.11 | 47674.65 | 6.64 | ppb |
| Iron | 54-2 | 44947.42 | 49279.01 | 51240.17 | 48488.87 | 6.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.00 | 43.75 | 43.47 | 43.41 | 0.88 | ppb |
| Lead | 207-1 | 42.28 | 42.98 | 42.72 | 42.66 | 0.82 | ppb |
| Lead | 208-1 | 42.44 | 43.12 | 42.95 | 42.84 | 0.83 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 13253.01 | 14531.06 | 15323.63 | 14369.24 | 7.27 | ppb |
| Manganese | 55-2 | 1821.46 | 2004.93 | 2073.07 | 1966.49 | 6.62 | ppb |
| Molybdenum | 94-1 | 16.48 | 16.81 | 17.15 | 16.81 | 1.99 | ppb |
| Molybdenum | 95-1 | 0.45 | 0.49 | 0.49 | 0.48 | 5.09 | ppb |
| Molybdenum | 96-1 | 2.54 | 2.55 | 2.47 | 2.52 | 1.81 | ppb |
| Molybdenum | 97-1 | 0.40 | 0.45 | 0.51 | 0.45 | 12.60 | ppb |
| Molybdenum | 98-1 | 0.39 | 0.41 | 0.44 | 0.41 | 5.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 56.79 | 62.74 | 65.22 | 61.59 | 7.03 | ppb |
| Phosphorus | 31-2 | 1728.79 | 1973.07 | 2059.58 | 1920.48 | 8.93 | ppb |
| Potassium | 39-2 | 6339.77 | 7025.65 | 7326.77 | 6897.39 | 7.33 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.29 | -0.08 | -0.24 | -0.01 | | ppb |
| Selenium | 77-2 | 13.81 | 13.95 | 16.63 | 14.80 | 10.74 | ppb |
| Selenium | 78-2 | 2.03 | 2.88 | 2.20 | 2.37 | 18.98 | ppb |
| Silicon | 28-1 | 1905.14 | 1931.85 | 1948.71 | 1928.57 | 1.14 | ppb |
| Silver | 107-1 | 0.23 | 0.26 | 0.24 | 0.24 | 6.14 | ppb |
| Silver | 109-1 | 0.24 | 0.24 | 0.25 | 0.24 | 2.27 | ppb |
| Sodium | 23-2 | 163.59 | 183.63 | 195.82 | 181.01 | 8.99 | ppb |
| Strontium | 86-1 | 72.80 | 74.19 | 74.20 | 73.73 | 1.09 | ppb |
| Strontium | 88-1 | 75.29 | 75.57 | 76.43 | 75.76 | 0.78 | ppb |
| Sulfur | 34-1 | -1735.34 | -1763.02 | -1737.39 | -1745.25 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.22 | 0.22 | 0.22 | 0.22 | 1.16 | ppb |
| Thallium | 205-1 | 0.20 | 0.23 | 0.22 | 0.22 | 5.63 | ppb |
| Tin | 118-1 | 0.36 | 0.38 | 0.39 | 0.37 | 4.50 | ppb |
| Titanium | 47-1 | 506.75 | 509.74 | 512.08 | 509.52 | 0.52 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.63 | 0.64 | 0.63 | 0.63 | 1.37 | ppb |
| Vanadium | 51-2 | 82.62 | 91.71 | 95.84 | 90.06 | 7.51 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 179.63 | 198.96 | 207.08 | 195.23 | 7.22 | ppb |
| Zirconium | 90-1 | 9.77 | 9.95 | 9.93 | 9.88 | 1.03 | ppb |
| Zirconium | 91-1 | 9.90 | 10.11 | 9.92 | 9.98 | 1.15 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 46298.64 | 46286.47 | 45868.72 | 46151.28 | 0.53 | ppb |
| Antimony | 121-1 | 0.30 | 0.29 | 0.30 | 0.30 | 2.46 | ppb |
| Arsenic | 75-2 | 44.29 | 44.87 | 44.22 | 44.46 | 0.80 | ppb |
| Barium | 135-1 | 239.98 | 240.43 | 250.11 | 243.51 | 2.35 | ppb |
| Barium | 137-1 | 240.70 | 242.52 | 247.55 | 243.59 | 1.46 | ppb |
| Beryllium | 9-1 | 0.89 | 0.73 | 0.78 | 0.80 | 9.97 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.48 | 2.11 | 2.32 | 2.30 | 8.12 | ppb |
| Cadmium | 106-1 | 0.97 | 0.51 | 1.27 | 0.92 | 41.53 | ppb |
| Cadmium | 111-1 | 1.89 | 1.87 | 1.99 | 1.92 | 3.50 | ppb |
| Calcium | 43-1 | 16336.88 | 16547.12 | 16552.73 | 16478.91 | 0.75 | ppb |
| Calcium | 44-1 | 15400.00 | 15441.84 | 15424.48 | 15422.11 | 0.14 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.65 | 43.56 | 43.67 | 43.63 | 0.14 | ppb |
| Cobalt | 59-2 | 71.85 | 71.03 | 71.11 | 71.33 | 0.64 | ppb |
| Copper | 63-2 | 153.65 | 151.22 | 151.58 | 152.15 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 98801.33 | 97540.82 | 98375.62 | 98239.26 | 0.65 | ppb |
| Iron | 57-2 | 96875.32 | 95983.66 | 97262.94 | 96707.31 | 0.68 | ppb |
| Iron | 54-2 | 98718.45 | 97739.55 | 97569.03 | 98009.01 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.79 | 27.58 | 27.44 | 27.27 | 1.53 | ppb |
| Lead | 207-1 | 25.95 | 26.63 | 26.65 | 26.41 | 1.52 | ppb |
| Lead | 208-1 | 25.97 | 26.84 | 26.68 | 26.49 | 1.74 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 21782.62 | 21510.77 | 21446.69 | 21580.03 | 0.83 | ppb |
| Manganese | 55-2 | 3201.46 | 3144.93 | 3172.10 | 3172.83 | 0.89 | ppb |
| Molybdenum | 94-1 | 7.56 | 7.77 | 7.80 | 7.71 | 1.70 | ppb |
| Molybdenum | 95-1 | 0.75 | 0.73 | 0.72 | 0.73 | 2.55 | ppb |
| Molybdenum | 96-1 | 2.25 | 2.26 | 2.25 | 2.25 | 0.19 | ppb |
| Molybdenum | 97-1 | 0.68 | 0.74 | 0.71 | 0.71 | 3.93 | ppb |
| Molybdenum | 98-1 | 0.66 | 0.66 | 0.68 | 0.67 | 2.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.80 | 40.68 | 40.60 | 40.70 | 0.25 | ppb |
| Phosphorus | 31-2 | 1124.78 | 1151.31 | 1151.41 | 1142.50 | 1.34 | ppb |
| Potassium | 39-2 | 2573.63 | 2551.04 | 2560.65 | 2561.77 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.10 | 0.33 | 0.00 | 0.15 | 117.13 | ppb |
| Selenium | 77-2 | 10.27 | 9.63 | 6.50 | 8.80 | 22.95 | ppb |
| Selenium | 78-2 | 0.93 | 0.53 | 1.60 | 1.02 | 52.87 | ppb |
| Silicon | 28-1 | 1752.27 | 1789.63 | 1793.04 | 1778.31 | 1.27 | ppb |
| Silver | 107-1 | 0.67 | 0.72 | 0.73 | 0.70 | 4.75 | ppb |
| Silver | 109-1 | 0.69 | 0.70 | 0.73 | 0.70 | 2.83 | ppb |
| Sodium | 23-2 | 491.62 | 487.08 | 489.23 | 489.31 | 0.46 | ppb |
| Strontium | 86-1 | 96.86 | 97.48 | 96.91 | 97.08 | 0.35 | ppb |
| Strontium | 88-1 | 99.79 | 102.82 | 100.54 | 101.05 | 1.56 | ppb |
| Sulfur | 34-1 | -2012.70 | -2029.77 | -2032.20 | -2024.89 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.20 | 0.21 | 0.22 | 0.21 | 4.32 | ppb |
| Thallium | 205-1 | 0.20 | 0.21 | 0.20 | 0.20 | 3.99 | ppb |
| Tin | 118-1 | 0.19 | 0.21 | 0.23 | 0.21 | 10.60 | ppb |
| Titanium | 47-1 | 1406.06 | 1419.27 | 1458.93 | 1428.09 | 1.93 | ppb |

Reviewed By:mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.41 | 0.42 | 0.43 | 0.42 | 1.87 | ppb |
| Vanadium | 51-2 | 164.69 | 163.92 | 165.17 | 164.59 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 418.84 | 416.25 | 420.50 | 418.53 | 0.51 | ppb |
| Zirconium | 90-1 | 4.22 | 4.20 | 4.21 | 4.21 | 0.27 | ppb |
| Zirconium | 91-1 | 4.32 | 4.26 | 4.17 | 4.25 | 1.72 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5521.64 | 5551.79 | 5518.79 | 5530.74 | 0.33 | ppb |
| Antimony | 121-1 | 0.09 | 0.10 | 0.09 | 0.09 | 1.21 | ppb |
| Arsenic | 75-2 | 13.15 | 13.07 | 12.92 | 13.05 | 0.87 | ppb |
| Barium | 135-1 | 86.64 | 88.28 | 89.26 | 88.06 | 1.50 | ppb |
| Barium | 137-1 | 87.14 | 88.43 | 88.69 | 88.09 | 0.94 | ppb |
| Beryllium | 9-1 | 0.19 | 0.19 | 0.24 | 0.21 | 13.98 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.64 | 0.59 | 0.47 | 0.57 | 15.92 | ppb |
| Cadmium | 106-1 | -0.83 | -0.88 | -1.64 | -1.12 | | ppb |
| Cadmium | 111-1 | 0.31 | 0.30 | 0.25 | 0.29 | 12.70 | ppb |
| Calcium | 43-1 | 5635.47 | 5769.77 | 5752.11 | 5719.12 | 1.28 | ppb |
| Calcium | 44-1 | 5402.83 | 5470.10 | 5416.55 | 5429.82 | 0.65 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12.08 | 11.89 | 11.93 | 11.97 | 0.81 | ppb |
| Cobalt | 59-2 | 7.59 | 7.68 | 7.51 | 7.60 | 1.13 | ppb |
| Copper | 63-2 | 50.07 | 50.48 | 49.54 | 50.03 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 11107.10 | 11023.33 | 10828.95 | 10986.46 | 1.30 | ppb |
| Iron | 57-2 | 11206.77 | 11229.92 | 11116.85 | 11184.51 | 0.53 | ppb |
| Iron | 54-2 | 11373.65 | 11099.49 | 11017.18 | 11163.44 | 1.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24.60 | 25.50 | 25.12 | 25.07 | 1.79 | ppb |
| Lead | 207-1 | 24.12 | 24.86 | 24.71 | 24.56 | 1.59 | ppb |
| Lead | 208-1 | 24.25 | 24.88 | 24.75 | 24.63 | 1.36 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 3156.18 | 3190.63 | 3132.34 | 3159.72 | 0.93 | ppb |
| Manganese | 55-2 | 407.01 | 404.27 | 401.13 | 404.14 | 0.73 | ppb |
| Molybdenum | 94-1 | 4.43 | 4.28 | 4.55 | 4.42 | 3.12 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.05 | 0.06 | 0.05 | 10.50 | ppb |
| Molybdenum | 96-1 | 0.58 | 0.58 | 0.60 | 0.59 | 1.69 | ppb |
| Molybdenum | 97-1 | 0.04 | 0.03 | 0.04 | 0.04 | 13.57 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.03 | 0.03 | 0.02 | 36.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.02 | 13.77 | 13.65 | 13.81 | 1.36 | ppb |
| Phosphorus | 31-2 | 517.01 | 503.28 | 502.67 | 507.65 | 1.60 | ppb |
| Potassium | 39-2 | 1691.18 | 1711.90 | 1686.38 | 1696.49 | 0.80 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -0.48 | -0.48 | 0.15 | -0.27 | | ppb |
| Selenium | 77-2 | 3.33 | 2.24 | 2.02 | 2.53 | 27.73 | ppb |
| Selenium | 78-2 | 0.49 | -0.02 | 0.49 | 0.32 | 91.61 | ppb |
| Silicon | 28-1 | 370.71 | 375.68 | 379.19 | 375.19 | 1.14 | ppb |
| Silver | 107-1 | 0.13 | 0.12 | 0.11 | 0.12 | 7.02 | ppb |
| Silver | 109-1 | 0.11 | 0.11 | 0.11 | 0.11 | 4.23 | ppb |
| Sodium | 23-2 | 31.50 | 30.20 | 30.06 | 30.58 | 2.59 | ppb |
| Strontium | 86-1 | 17.83 | 17.94 | 18.15 | 17.97 | 0.90 | ppb |
| Strontium | 88-1 | 17.65 | 17.85 | 18.29 | 17.93 | 1.82 | ppb |
| Sulfur | 34-1 | -1912.41 | -1848.07 | -1784.42 | -1848.30 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.03 | 0.04 | 0.04 | 0.04 | 11.65 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 8.60 | ppb |
| Tin | 118-1 | 0.12 | 0.12 | 0.11 | 0.12 | 7.92 | ppb |
| Titanium | 47-1 | 118.07 | 120.13 | 121.25 | 119.82 | 1.35 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.12 | 0.13 | 0.13 | 0.13 | 3.77 | ppb |
| Vanadium | 51-2 | 19.80 | 19.70 | 19.44 | 19.64 | 0.95 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 70.75 | 69.89 | 69.72 | 70.12 | 0.78 | ppb |
| Zirconium | 90-1 | 2.60 | 2.69 | 2.65 | 2.65 | 1.69 | ppb |
| Zirconium | 91-1 | 2.71 | 2.65 | 2.71 | 2.69 | 1.26 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5632.44 | 5717.32 | 5619.48 | 5656.41 | 0.94 | ppb |
| Antimony | 121-1 | 0.08 | 0.10 | 0.10 | 0.09 | 10.71 | ppb |
| Arsenic | 75-2 | 12.57 | 11.96 | 12.78 | 12.44 | 3.39 | ppb |
| Barium | 135-1 | 86.68 | 88.84 | 89.28 | 88.27 | 1.58 | ppb |
| Barium | 137-1 | 86.41 | 88.67 | 89.66 | 88.25 | 1.89 | ppb |
| Beryllium | 9-1 | 0.16 | 0.21 | 0.22 | 0.20 | 15.98 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.87 | 0.55 | 0.58 | 0.67 | 26.16 | ppb |
| Cadmium | 106-1 | -0.53 | -0.76 | -0.92 | -0.74 | | ppb |
| Cadmium | 111-1 | 0.31 | 0.29 | 0.35 | 0.32 | 9.12 | ppb |
| Calcium | 43-1 | 5594.74 | 5700.07 | 5718.62 | 5671.14 | 1.18 | ppb |
| Calcium | 44-1 | 5312.48 | 5412.46 | 5444.01 | 5389.65 | 1.27 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 11.89 | 11.84 | 11.77 | 11.83 | 0.51 | ppb |
| Cobalt | 59-2 | 7.43 | 7.41 | 7.40 | 7.41 | 0.16 | ppb |
| Copper | 63-2 | 49.11 | 49.29 | 49.08 | 49.16 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 10892.29 | 10974.33 | 10831.70 | 10899.44 | 0.66 | ppb |
| Iron | 57-2 | 11045.91 | 11165.48 | 11056.09 | 11089.16 | 0.60 | ppb |
| Iron | 54-2 | 10928.20 | 11281.97 | 11085.95 | 11098.71 | 1.60 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24.07 | 24.49 | 25.06 | 24.54 | 2.03 | ppb |
| Lead | 207-1 | 23.65 | 24.08 | 24.38 | 24.04 | 1.51 | ppb |
| Lead | 208-1 | 23.75 | 24.10 | 24.57 | 24.14 | 1.71 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 3100.08 | 3192.95 | 3145.65 | 3146.22 | 1.48 | ppb |
| Manganese | 55-2 | 396.34 | 400.26 | 396.39 | 397.67 | 0.57 | ppb |
| Molybdenum | 94-1 | 4.67 | 4.70 | 4.77 | 4.71 | 1.13 | ppb |
| Molybdenum | 95-1 | 0.03 | 0.04 | 0.03 | 0.03 | 11.73 | ppb |
| Molybdenum | 96-1 | 0.59 | 0.60 | 0.60 | 0.60 | 1.27 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.02 | 0.03 | 0.02 | 13.81 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 12.95 | 13.47 | 12.96 | 13.13 | 2.26 | ppb |
| Phosphorus | 31-2 | 478.79 | 492.61 | 472.62 | 481.34 | 2.13 | ppb |
| Potassium | 39-2 | 1686.15 | 1692.71 | 1685.52 | 1688.13 | 0.24 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -0.14 | -0.19 | -0.02 | -0.12 | | ppb |
| Selenium | 77-2 | 3.35 | 2.71 | 1.61 | 2.56 | 34.49 | ppb |
| Selenium | 78-2 | -0.02 | 1.54 | 1.45 | 0.99 | 88.29 | ppb |
| Silicon | 28-1 | 383.56 | 384.12 | 383.62 | 383.76 | 0.08 | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.10 | 0.11 | 5.01 | ppb |
| Silver | 109-1 | 0.11 | 0.12 | 0.12 | 0.12 | 7.43 | ppb |
| Sodium | 23-2 | 27.18 | 28.71 | 26.68 | 27.52 | 3.84 | ppb |
| Strontium | 86-1 | 17.47 | 18.08 | 17.54 | 17.70 | 1.90 | ppb |
| Strontium | 88-1 | 17.74 | 18.08 | 17.76 | 17.86 | 1.08 | ppb |
| Sulfur | 34-1 | -1814.97 | -1757.77 | -1741.95 | -1771.56 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.04 | 0.04 | 5.09 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 5.04 | ppb |
| Tin | 118-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.84 | ppb |
| Titanium | 47-1 | 116.84 | 119.41 | 119.22 | 118.49 | 1.21 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.12 | 0.12 | 0.13 | 0.13 | 4.99 | ppb |
| Vanadium | 51-2 | 19.58 | 19.71 | 19.57 | 19.62 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 68.48 | 69.34 | 67.96 | 68.59 | 1.01 | ppb |
| Zirconium | 90-1 | 2.77 | 2.81 | 2.77 | 2.78 | 0.96 | ppb |
| Zirconium | 91-1 | 2.86 | 2.84 | 2.79 | 2.83 | 1.41 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1098.85 | 1120.61 | 1216.66 | 1145.37 | 5.47 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 10.57 | ppb |
| Arsenic | 75-2 | 2.42 | 2.36 | 2.74 | 2.51 | 8.17 | ppb |
| Barium | 135-1 | 17.38 | 17.52 | 17.79 | 17.56 | 1.20 | ppb |
| Barium | 137-1 | 17.30 | 17.23 | 17.83 | 17.45 | 1.88 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.02 | 0.01 | 277.76 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.12 | 0.16 | 0.10 | 0.13 | 22.06 | ppb |
| Cadmium | 106-1 | -1.86 | -1.37 | -1.58 | -1.61 | | ppb |
| Cadmium | 111-1 | -0.07 | -0.05 | -0.04 | -0.05 | | ppb |
| Calcium | 43-1 | 1113.27 | 1148.58 | 1158.55 | 1140.13 | 2.09 | ppb |
| Calcium | 44-1 | 1137.31 | 1163.14 | 1161.52 | 1153.99 | 1.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.53 | 2.61 | 2.79 | 2.64 | 4.91 | ppb |
| Cobalt | 59-2 | 1.51 | 1.54 | 1.68 | 1.58 | 5.84 | ppb |
| Copper | 63-2 | 9.88 | 9.97 | 10.81 | 10.22 | 5.00 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 2189.62 | 2234.35 | 2412.21 | 2278.73 | 5.17 | ppb |
| Iron | 57-2 | 2224.75 | 2258.32 | 2445.72 | 2309.60 | 5.16 | ppb |
| Iron | 54-2 | 2273.87 | 2277.08 | 2505.76 | 2352.23 | 5.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.81 | 4.87 | 4.86 | 4.85 | 0.68 | ppb |
| Lead | 207-1 | 4.74 | 4.65 | 4.70 | 4.70 | 0.94 | ppb |
| Lead | 208-1 | 4.75 | 4.78 | 4.76 | 4.76 | 0.39 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 629.78 | 648.10 | 698.99 | 658.96 | 5.44 | ppb |
| Manganese | 55-2 | 79.75 | 81.02 | 89.02 | 83.26 | 6.03 | ppb |
| Molybdenum | 94-1 | 0.76 | 0.81 | 0.84 | 0.80 | 4.70 | ppb |
| Molybdenum | 95-1 | -0.04 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 96-1 | 0.07 | 0.05 | 0.06 | 0.06 | 12.69 | ppb |
| Molybdenum | 97-1 | -0.04 | -0.02 | -0.03 | -0.03 | | ppb |
| Molybdenum | 98-1 | -0.03 | -0.04 | -0.04 | -0.04 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.72 | 2.88 | 2.99 | 2.87 | 4.80 | ppb |
| Phosphorus | 31-2 | 73.08 | 78.81 | 91.87 | 81.25 | 11.85 | ppb |
| Potassium | 39-2 | 320.46 | 324.85 | 366.73 | 337.35 | 7.57 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.03 | 0.23 | 0.08 | 0.12 | 88.92 | ppb |
| Selenium | 77-2 | 0.46 | 0.00 | 0.51 | 0.32 | 86.68 | ppb |
| Selenium | 78-2 | -1.06 | -0.68 | 0.90 | -0.28 | | ppb |
| Silicon | 28-1 | 76.41 | 76.50 | 76.06 | 76.32 | 0.31 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.21 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.03 | 0.02 | 12.57 | ppb |
| Sodium | 23-2 | -7.81 | -6.15 | -3.61 | -5.86 | | ppb |
| Strontium | 86-1 | 3.40 | 3.60 | 3.50 | 3.50 | 2.90 | ppb |
| Strontium | 88-1 | 3.41 | 3.45 | 3.49 | 3.45 | 1.28 | ppb |
| Sulfur | 34-1 | -1931.59 | -1832.95 | -1804.06 | -1856.20 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | 2382.40 | ppb |
| Tin | 118-1 | 0.00 | 0.02 | 0.00 | 0.01 | 181.48 | ppb |
| Titanium | 47-1 | 23.41 | 23.90 | 24.09 | 23.80 | 1.46 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 3.38 | ppb |
| Vanadium | 51-2 | 3.87 | 4.00 | 4.34 | 4.07 | 6.01 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 14.27 | 13.90 | 15.58 | 14.58 | 6.04 | ppb |
| Zirconium | 90-1 | 0.51 | 0.52 | 0.52 | 0.52 | 1.11 | ppb |
| Zirconium | 91-1 | 0.50 | 0.50 | 0.51 | 0.50 | 1.57 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5696.97 | 5835.59 | 5693.91 | 5742.16 | 1.41 | ppb |
| Antimony | 121-1 | 13.98 | 14.19 | 15.02 | 14.40 | 3.84 | ppb |
| Arsenic | 75-2 | 17.95 | 17.99 | 17.73 | 17.89 | 0.77 | ppb |
| Barium | 135-1 | 350.37 | 353.82 | 373.98 | 359.39 | 3.55 | ppb |
| Barium | 137-1 | 380.29 | 384.26 | 406.34 | 390.29 | 3.60 | ppb |
| Beryllium | 9-1 | 7.41 | 7.51 | 8.26 | 7.73 | 6.05 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.78 | 7.29 | 6.91 | 7.32 | 5.95 | ppb |
| Cadmium | 106-1 | 5.75 | 5.45 | 5.02 | 5.41 | 6.79 | ppb |
| Cadmium | 111-1 | 7.46 | 7.50 | 7.97 | 7.64 | 3.71 | ppb |
| Calcium | 43-1 | 5505.04 | 5594.52 | 5957.04 | 5685.54 | 4.21 | ppb |
| Calcium | 44-1 | 5258.00 | 5299.52 | 5638.87 | 5398.80 | 3.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 41.84 | 42.45 | 42.02 | 42.10 | 0.75 | ppb |
| Cobalt | 59-2 | 81.56 | 81.94 | 81.88 | 81.79 | 0.25 | ppb |
| Copper | 63-2 | 83.03 | 83.91 | 83.75 | 83.56 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 10858.65 | 10967.35 | 10897.71 | 10907.90 | 0.50 | ppb |
| Iron | 57-2 | 11077.10 | 11100.27 | 11118.91 | 11098.76 | 0.19 | ppb |
| Iron | 54-2 | 10871.70 | 11214.04 | 11120.67 | 11068.80 | 1.60 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.46 | 26.20 | 28.66 | 27.11 | 4.99 | ppb |
| Lead | 207-1 | 26.16 | 25.93 | 28.12 | 26.74 | 4.51 | ppb |
| Lead | 208-1 | 26.16 | 26.12 | 28.22 | 26.83 | 4.48 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 3065.47 | 3076.28 | 3066.80 | 3069.52 | 0.19 | ppb |
| Manganese | 55-2 | 463.62 | 465.36 | 466.04 | 465.00 | 0.27 | ppb |
| Molybdenum | 94-1 | 4.55 | 4.66 | 5.13 | 4.78 | 6.54 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.03 | 0.06 | 0.04 | 38.34 | ppb |
| Molybdenum | 96-1 | 0.57 | 0.59 | 0.65 | 0.61 | 7.16 | ppb |
| Molybdenum | 97-1 | 0.04 | 0.04 | 0.04 | 0.04 | 5.54 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.03 | 0.02 | 25.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 86.60 | 87.60 | 87.07 | 87.09 | 0.57 | ppb |
| Phosphorus | 31-2 | 477.25 | 485.12 | 473.36 | 478.58 | 1.25 | ppb |
| Potassium | 39-2 | 1634.61 | 1646.99 | 1645.32 | 1642.31 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 15.69 | 15.67 | 17.74 | 16.36 | 7.26 | ppb |
| Selenium | 77-2 | 18.18 | 20.44 | 23.25 | 20.62 | 12.31 | ppb |
| Selenium | 78-2 | 15.85 | 14.89 | 19.26 | 16.67 | 13.78 | ppb |
| Silicon | 28-1 | 384.97 | 383.35 | 411.02 | 393.11 | 3.95 | ppb |
| Silver | 107-1 | 6.09 | 6.23 | 6.70 | 6.34 | 5.04 | ppb |
| Silver | 109-1 | 6.06 | 6.27 | 6.64 | 6.32 | 4.59 | ppb |
| Sodium | 23-2 | 26.23 | 27.49 | 25.61 | 26.44 | 3.62 | ppb |
| Strontium | 86-1 | 17.47 | 17.70 | 18.72 | 17.96 | 3.70 | ppb |
| Strontium | 88-1 | 17.33 | 17.65 | 18.78 | 17.92 | 4.25 | ppb |
| Sulfur | 34-1 | -1641.74 | -1655.65 | -1498.70 | -1598.70 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 6.22 | 6.17 | 6.76 | 6.38 | 5.08 | ppb |
| Thallium | 205-1 | 6.14 | 6.15 | 6.67 | 6.32 | 4.79 | ppb |
| Tin | 118-1 | 0.09 | 0.08 | 0.10 | 0.09 | 9.67 | ppb |
| Titanium | 47-1 | 115.12 | 115.52 | 123.19 | 117.94 | 3.86 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.13 | 0.14 | 0.14 | 0.14 | 2.30 | ppb |
| Vanadium | 51-2 | 93.31 | 94.22 | 93.91 | 93.81 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 140.25 | 141.30 | 140.18 | 140.58 | 0.45 | ppb |
| Zirconium | 90-1 | 2.68 | 2.69 | 2.99 | 2.79 | 6.34 | ppb |
| Zirconium | 91-1 | 2.76 | 2.82 | 2.99 | 2.86 | 4.13 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6527.54 | 6514.57 | 6558.74 | 6533.62 | 0.35 | ppb |
| Antimony | 121-1 | 68.31 | 68.96 | 77.30 | 71.52 | 7.01 | ppb |
| Arsenic | 75-2 | 40.10 | 38.57 | 39.34 | 39.33 | 1.95 | ppb |
| Barium | 135-1 | 1500.77 | 1502.51 | 1659.24 | 1554.17 | 5.86 | ppb |
| Barium | 137-1 | 1486.17 | 1477.68 | 1653.20 | 1539.02 | 6.43 | ppb |
| Beryllium | 9-1 | 37.18 | 36.43 | 39.77 | 37.80 | 4.63 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 33.90 | 33.57 | 36.71 | 34.73 | 4.96 | ppb |
| Cadmium | 106-1 | 30.31 | 31.68 | 35.02 | 32.34 | 7.49 | ppb |
| Cadmium | 111-1 | 34.55 | 35.39 | 39.51 | 36.49 | 7.28 | ppb |
| Calcium | 43-1 | 5243.62 | 5365.04 | 5933.36 | 5514.00 | 6.68 | ppb |
| Calcium | 44-1 | 4959.41 | 5095.85 | 5613.45 | 5222.90 | 6.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 156.67 | 157.93 | 155.09 | 156.56 | 0.91 | ppb |
| Cobalt | 59-2 | 375.16 | 379.13 | 367.83 | 374.04 | 1.53 | ppb |
| Copper | 63-2 | 213.67 | 214.62 | 212.28 | 213.53 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 11122.21 | 11071.41 | 11034.95 | 11076.19 | 0.40 | ppb |
| Iron | 57-2 | 11241.24 | 11275.93 | 11256.80 | 11257.99 | 0.15 | ppb |
| Iron | 54-2 | 11217.25 | 11318.18 | 11143.68 | 11226.37 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.30 | 35.19 | 39.89 | 36.79 | 7.30 | ppb |
| Lead | 207-1 | 34.45 | 34.74 | 38.85 | 36.01 | 6.84 | ppb |
| Lead | 208-1 | 34.89 | 34.73 | 39.19 | 36.27 | 6.97 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 2919.96 | 2917.06 | 2914.84 | 2917.29 | 0.09 | ppb |
| Manganese | 55-2 | 733.12 | 729.82 | 728.37 | 730.44 | 0.33 | ppb |
| Molybdenum | 94-1 | 4.48 | 4.62 | 5.19 | 4.76 | 7.92 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.05 | 0.06 | 0.05 | 13.04 | ppb |
| Molybdenum | 96-1 | 0.57 | 0.61 | 0.69 | 0.63 | 9.60 | ppb |
| Molybdenum | 97-1 | 0.03 | 0.04 | 0.03 | 0.03 | 14.71 | ppb |
| Molybdenum | 98-1 | 0.03 | 0.03 | 0.04 | 0.03 | 31.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 368.66 | 371.79 | 365.43 | 368.63 | 0.86 | ppb |
| Phosphorus | 31-2 | 448.49 | 469.23 | 446.12 | 454.61 | 2.80 | ppb |
| Potassium | 39-2 | 1576.34 | 1579.88 | 1557.95 | 1571.39 | 0.75 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 78.17 | 80.13 | 86.45 | 81.58 | 5.31 | ppb |
| Selenium | 77-2 | 75.49 | 79.92 | 79.29 | 78.23 | 3.06 | ppb |
| Selenium | 78-2 | 77.26 | 82.90 | 76.89 | 79.02 | 4.26 | ppb |
| Silicon | 28-1 | 363.78 | 377.86 | 419.49 | 387.05 | 7.49 | ppb |
| Silver | 107-1 | 29.44 | 29.99 | 33.62 | 31.02 | 7.32 | ppb |
| Silver | 109-1 | 29.67 | 29.91 | 33.50 | 31.03 | 6.91 | ppb |
| Sodium | 23-2 | 25.80 | 26.41 | 24.78 | 25.66 | 3.23 | ppb |
| Strontium | 86-1 | 16.48 | 16.46 | 18.78 | 17.24 | 7.73 | ppb |
| Strontium | 88-1 | 16.75 | 16.88 | 18.67 | 17.43 | 6.14 | ppb |
| Sulfur | 34-1 | -1798.34 | -1678.17 | -1412.23 | -1629.58 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 30.35 | 29.97 | 33.76 | 31.36 | 6.66 | ppb |
| Thallium | 205-1 | 29.87 | 29.68 | 33.63 | 31.06 | 7.16 | ppb |
| Tin | 118-1 | 0.09 | 0.10 | 0.14 | 0.11 | 23.88 | ppb |
| Titanium | 47-1 | 107.00 | 110.66 | 123.90 | 113.85 | 7.81 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.12 | 0.12 | 0.14 | 0.13 | 6.75 | ppb |
| Vanadium | 51-2 | 379.41 | 377.68 | 364.98 | 374.02 | 2.11 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 416.54 | 416.14 | 417.41 | 416.70 | 0.16 | ppb |
| Zirconium | 90-1 | 2.67 | 2.71 | 2.98 | 2.79 | 6.01 | ppb |
| Zirconium | 91-1 | 2.62 | 2.74 | 3.07 | 2.81 | 8.25 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.68 | 3.28 | 3.20 | 3.05 | 10.68 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 28.74 | ppb |
| Arsenic | 75-2 | 0.03 | -0.02 | -0.01 | 0.00 | 1796.95 | ppb |
| Barium | 135-1 | 0.08 | 0.09 | 0.08 | 0.08 | 8.00 | ppb |
| Barium | 137-1 | 0.09 | 0.09 | 0.06 | 0.08 | 18.22 | ppb |
| Beryllium | 9-1 | -0.02 | -0.01 | -0.03 | -0.02 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | 0.01 | 0.10 | 0.06 | 78.89 | ppb |
| Cadmium | 106-1 | -2.21 | -2.55 | -3.35 | -2.70 | | ppb |
| Cadmium | 111-1 | -0.17 | -0.18 | -0.24 | -0.20 | | ppb |
| Calcium | 43-1 | -1.82 | -2.74 | -3.66 | -2.74 | | ppb |
| Calcium | 44-1 | -1.09 | -3.22 | -3.37 | -2.56 | | 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 | 55.26 | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.02 | 0.01 | 31.98 | ppb |
| Copper | 63-2 | -0.09 | -0.08 | -0.05 | -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 | | | | 105 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 7.82 | 7.61 | 8.17 | 7.87 | 3.56 | ppb |
| Iron | 57-2 | 4.02 | 4.62 | 8.09 | 5.58 | 39.38 | ppb |
| Iron | 54-2 | 6.86 | 8.26 | 8.04 | 7.72 | 9.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | -0.06 | -0.06 | -0.07 | -0.06 | | ppb |
| Lead | 207-1 | -0.06 | -0.05 | -0.06 | -0.06 | | ppb |
| Lead | 208-1 | -0.05 | -0.06 | -0.06 | -0.06 | | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | -0.36 | -0.59 | -0.47 | -0.48 | | ppb |
| Manganese | 55-2 | 0.30 | 0.29 | 0.32 | 0.31 | 4.84 | ppb |
| Molybdenum | 94-1 | -0.06 | -0.06 | -0.05 | -0.06 | | ppb |
| Molybdenum | 95-1 | -0.04 | -0.05 | -0.05 | -0.05 | | ppb |
| Molybdenum | 96-1 | -0.05 | -0.06 | -0.06 | -0.06 | | ppb |
| Molybdenum | 97-1 | -0.06 | -0.05 | -0.05 | -0.05 | | ppb |
| Molybdenum | 98-1 | -0.05 | -0.06 | -0.06 | -0.06 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.05 | 0.05 | 0.09 | 0.06 | 31.67 | ppb |
| Phosphorus | 31-2 | -23.07 | -19.57 | -21.32 | -21.32 | | ppb |
| Potassium | 39-2 | -16.65 | -12.49 | -14.05 | -14.40 | | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | -0.51 | 0.17 | -0.77 | -0.37 | | ppb |
| Selenium | 77-2 | -0.22 | 0.00 | -0.22 | -0.15 | | ppb |
| Selenium | 78-2 | -0.91 | -0.46 | -0.15 | -0.51 | | ppb |
| Silicon | 28-1 | 1.48 | -0.22 | -0.10 | 0.39 | 246.70 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 396.47 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 44.18 | ppb |
| Sodium | 23-2 | -15.96 | -16.75 | -16.41 | -16.37 | | ppb |
| Strontium | 86-1 | -0.06 | -0.05 | -0.09 | -0.07 | | ppb |
| Strontium | 88-1 | -0.08 | -0.10 | -0.09 | -0.09 | | ppb |
| Sulfur | 34-1 | -1379.24 | -1773.97 | -1755.37 | -1636.19 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.01 | -0.02 | -0.02 | -0.01 | | ppb |
| Titanium | 47-1 | 0.04 | 0.02 | 0.24 | 0.10 | 118.18 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.02 | 0.03 | 0.03 | 0.03 | 20.45 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | -0.18 | -0.11 | -0.14 | -0.14 | | ppb |
| Zirconium | 90-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Zirconium | 91-1 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39.75 | 38.08 | 38.96 | 38.93 | 2.14 | ppb |
| Antimony | 121-1 | 3.53 | 3.69 | 3.72 | 3.65 | 2.75 | ppb |
| Arsenic | 75-2 | 2.08 | 1.81 | 2.12 | 2.00 | 8.47 | ppb |
| Barium | 135-1 | 16.82 | 17.79 | 17.61 | 17.41 | 2.95 | ppb |
| Barium | 137-1 | 17.18 | 17.53 | 17.76 | 17.49 | 1.65 | ppb |
| Beryllium | 9-1 | 1.93 | 2.17 | 1.92 | 2.01 | 6.94 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.24 | 1.97 | 2.01 | 2.07 | 7.11 | ppb |
| Cadmium | 106-1 | 0.30 | 1.02 | -0.23 | 0.36 | 172.75 | ppb |
| Cadmium | 111-1 | 1.74 | 1.90 | 1.88 | 1.84 | 4.73 | ppb |
| Calcium | 43-1 | 911.00 | 948.45 | 948.49 | 935.98 | 2.31 | ppb |
| Calcium | 44-1 | 930.89 | 956.80 | 942.92 | 943.54 | 1.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.13 | 3.85 | 3.92 | 3.97 | 3.67 | ppb |
| Cobalt | 59-2 | 2.00 | 1.91 | 2.00 | 1.97 | 2.68 | ppb |
| Copper | 63-2 | 3.94 | 3.74 | 3.88 | 3.86 | 2.67 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 420.91 | 399.69 | 410.70 | 410.43 | 2.59 | ppb |
| Iron | 57-2 | 423.59 | 402.39 | 419.38 | 415.12 | 2.70 | ppb |
| Iron | 54-2 | 431.08 | 408.46 | 423.32 | 420.95 | 2.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.50 | 1.54 | 1.54 | 1.53 | 1.40 | ppb |
| Lead | 207-1 | 1.54 | 1.54 | 1.58 | 1.55 | 1.31 | ppb |
| Lead | 208-1 | 1.54 | 1.57 | 1.55 | 1.55 | 0.92 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 1033.70 | 976.11 | 1006.47 | 1005.42 | 2.87 | ppb |
| Manganese | 55-2 | 2.17 | 2.14 | 2.23 | 2.18 | 1.98 | ppb |
| Molybdenum | 94-1 | 9.95 | 10.05 | 10.20 | 10.07 | 1.23 | ppb |
| Molybdenum | 95-1 | 8.43 | 8.50 | 8.44 | 8.46 | 0.47 | ppb |
| Molybdenum | 96-1 | 8.43 | 8.61 | 8.66 | 8.57 | 1.47 | ppb |
| Molybdenum | 97-1 | 8.22 | 8.41 | 8.54 | 8.39 | 1.96 | ppb |
| Molybdenum | 98-1 | 8.17 | 8.35 | 8.31 | 8.28 | 1.12 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.99 | 2.01 | 2.19 | 2.06 | 5.25 | ppb |
| Phosphorus | 31-2 | -20.04 | -22.50 | -23.39 | -21.98 | | ppb |
| Potassium | 39-2 | 990.06 | 929.20 | 962.71 | 960.66 | 3.17 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 9.16 | 10.22 | 9.61 | 9.66 | 5.50 | ppb |
| Selenium | 77-2 | 9.25 | 8.53 | 9.35 | 9.04 | 4.93 | ppb |
| Selenium | 78-2 | 10.32 | 9.33 | 10.33 | 9.99 | 5.74 | ppb |
| Silicon | 28-1 | 5.30 | 5.72 | 5.66 | 5.56 | 4.14 | ppb |
| Silver | 107-1 | 1.78 | 1.79 | 1.89 | 1.82 | 3.29 | ppb |
| Silver | 109-1 | 1.72 | 1.85 | 1.87 | 1.82 | 4.45 | ppb |
| Sodium | 23-2 | 963.28 | 906.99 | 943.68 | 937.98 | 3.05 | ppb |
| Strontium | 86-1 | 1.73 | 1.81 | 1.84 | 1.79 | 3.30 | ppb |
| Strontium | 88-1 | 1.73 | 1.81 | 1.78 | 1.77 | 2.24 | ppb |
| Sulfur | 34-1 | -1458.18 | -1402.32 | -1339.84 | -1400.12 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 1.56 | 1.57 | 1.54 | 1.56 | 1.00 | ppb |
| Thallium | 205-1 | 1.51 | 1.57 | 1.54 | 1.54 | 1.66 | ppb |
| Tin | 118-1 | 0.00 | 0.00 | 0.01 | 0.00 | 166.43 | ppb |
| Titanium | 47-1 | 8.51 | 9.11 | 9.02 | 8.88 | 3.61 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.46 | 1.54 | 1.54 | 1.51 | 3.17 | ppb |
| Vanadium | 51-2 | 9.93 | 9.36 | 9.67 | 9.66 | 2.94 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 9.86 | 9.09 | 10.09 | 9.68 | 5.39 | ppb |
| Zirconium | 90-1 | 1.87 | 1.90 | 1.92 | 1.90 | 1.30 | ppb |
| Zirconium | 91-1 | 1.85 | 1.90 | 1.90 | 1.88 | 1.43 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19.72 | 19.50 | 18.79 | 19.34 | 2.53 | ppb |
| Antimony | 121-1 | 1.74 | 1.82 | 1.76 | 1.77 | 2.38 | ppb |
| Arsenic | 75-2 | 1.08 | 0.91 | 0.92 | 0.97 | 10.05 | ppb |
| Barium | 135-1 | 8.32 | 8.80 | 8.32 | 8.48 | 3.25 | ppb |
| Barium | 137-1 | 8.29 | 8.44 | 8.47 | 8.40 | 1.15 | ppb |
| Beryllium | 9-1 | 0.94 | 0.95 | 0.84 | 0.91 | 6.56 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.08 | 0.81 | 0.79 | 0.89 | 18.26 | ppb |
| Cadmium | 106-1 | -0.21 | -0.69 | -0.86 | -0.59 | | ppb |
| Cadmium | 111-1 | 0.76 | 0.74 | 0.78 | 0.76 | 2.47 | ppb |
| Calcium | 43-1 | 438.45 | 459.74 | 469.75 | 455.98 | 3.51 | ppb |
| Calcium | 44-1 | 453.97 | 452.67 | 462.00 | 456.21 | 1.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.89 | 1.99 | 1.90 | 1.92 | 2.86 | ppb |
| Cobalt | 59-2 | 0.96 | 0.92 | 0.94 | 0.94 | 2.18 | ppb |
| Copper | 63-2 | 1.79 | 1.84 | 1.85 | 1.83 | 1.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 204.99 | 209.09 | 203.48 | 205.86 | 1.41 | ppb |
| Iron | 57-2 | 200.65 | 205.02 | 208.32 | 204.66 | 1.88 | ppb |
| Iron | 54-2 | 209.36 | 212.47 | 207.11 | 209.65 | 1.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.73 | 0.78 | 0.68 | 0.73 | 6.93 | ppb |
| Lead | 207-1 | 0.74 | 0.72 | 0.73 | 0.73 | 1.49 | ppb |
| Lead | 208-1 | 0.73 | 0.74 | 0.72 | 0.73 | 1.08 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 487.04 | 491.44 | 487.18 | 488.55 | 0.51 | ppb |
| Manganese | 55-2 | 1.09 | 1.14 | 1.15 | 1.13 | 2.53 | ppb |
| Molybdenum | 94-1 | 4.80 | 4.86 | 4.86 | 4.84 | 0.67 | ppb |
| Molybdenum | 95-1 | 3.99 | 4.05 | 4.09 | 4.04 | 1.23 | ppb |
| Molybdenum | 96-1 | 4.10 | 4.12 | 4.17 | 4.13 | 0.89 | ppb |
| Molybdenum | 97-1 | 4.06 | 4.01 | 3.94 | 4.00 | 1.45 | ppb |
| Molybdenum | 98-1 | 3.98 | 4.00 | 4.01 | 4.00 | 0.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.05 | 1.02 | 1.02 | 1.03 | 1.57 | ppb |
| Phosphorus | 31-2 | -23.19 | -20.79 | -22.65 | -22.21 | | ppb |
| Potassium | 39-2 | 462.83 | 469.00 | 462.28 | 464.70 | 0.80 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 4.48 | 4.42 | 4.66 | 4.52 | 2.76 | ppb |
| Selenium | 77-2 | 6.72 | 2.99 | 3.40 | 4.37 | 46.76 | ppb |
| Selenium | 78-2 | 5.76 | 4.00 | 3.16 | 4.31 | 30.77 | ppb |
| Silicon | 28-1 | 2.50 | 2.51 | 2.84 | 2.62 | 7.35 | ppb |
| Silver | 107-1 | 0.86 | 0.88 | 0.88 | 0.87 | 1.59 | ppb |
| Silver | 109-1 | 0.89 | 0.89 | 0.89 | 0.89 | 0.17 | ppb |
| Sodium | 23-2 | 447.13 | 449.91 | 444.96 | 447.33 | 0.55 | ppb |
| Strontium | 86-1 | 0.80 | 0.81 | 0.79 | 0.80 | 1.47 | ppb |
| Strontium | 88-1 | 0.80 | 0.80 | 0.80 | 0.80 | 0.51 | ppb |
| Sulfur | 34-1 | -1256.56 | -1240.89 | -1170.46 | -1222.64 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.75 | 0.76 | 0.76 | 0.76 | 1.32 | ppb |
| Thallium | 205-1 | 0.75 | 0.76 | 0.76 | 0.76 | 0.73 | ppb |
| Tin | 118-1 | -0.01 | 0.01 | 0.00 | 0.00 | | ppb |
| Titanium | 47-1 | 4.32 | 4.24 | 4.22 | 4.26 | 1.24 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.74 | 0.74 | 0.74 | 0.57 | ppb |
| Vanadium | 51-2 | 4.75 | 4.60 | 4.75 | 4.70 | 1.91 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 4.59 | 4.66 | 4.74 | 4.66 | 1.54 | ppb |
| Zirconium | 90-1 | 0.87 | 0.90 | 0.93 | 0.90 | 3.81 | ppb |
| Zirconium | 91-1 | 0.89 | 0.95 | 0.94 | 0.93 | 3.68 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 36762.22 | 37127.30 | 37796.30 | 37228.60 | 1.41 | ppb |
| Antimony | 121-1 | 0.84 | 0.83 | 0.81 | 0.83 | 1.42 | ppb |
| Arsenic | 75-2 | 67.50 | 69.32 | 68.06 | 68.29 | 1.36 | ppb |
| Barium | 135-1 | 389.47 | 395.04 | 392.80 | 392.44 | 0.71 | ppb |
| Barium | 137-1 | 427.30 | 429.30 | 433.86 | 430.16 | 0.78 | ppb |
| Beryllium | 9-1 | 1.49 | 1.32 | 1.38 | 1.40 | 6.13 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.86 | 1.69 | 1.96 | 1.83 | 7.43 | ppb |
| Cadmium | 106-1 | 0.72 | 1.23 | 0.54 | 0.83 | 43.01 | ppb |
| Cadmium | 111-1 | 1.06 | 1.11 | 1.11 | 1.10 | 2.55 | ppb |
| Calcium | 43-1 | 16519.23 | 16585.74 | 16647.20 | 16584.06 | 0.39 | ppb |
| Calcium | 44-1 | 15568.98 | 15567.27 | 15539.63 | 15558.63 | 0.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84.80 | 85.03 | 85.54 | 85.13 | 0.44 | ppb |
| Cobalt | 59-2 | 42.77 | 42.68 | 42.95 | 42.80 | 0.32 | ppb |
| Copper | 63-2 | 207.11 | 208.25 | 209.49 | 208.28 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 79182.06 | 80462.10 | 80733.20 | 80125.79 | 1.03 | ppb |
| Iron | 57-2 | 78564.95 | 79300.00 | 79458.19 | 79107.72 | 0.60 | ppb |
| Iron | 54-2 | 79942.70 | 79877.96 | 80906.51 | 80242.39 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.66 | 45.18 | 45.13 | 45.33 | 0.65 | ppb |
| Lead | 207-1 | 44.29 | 44.00 | 44.08 | 44.13 | 0.34 | ppb |
| Lead | 208-1 | 44.35 | 44.19 | 44.09 | 44.21 | 0.30 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 18895.81 | 19115.41 | 19315.00 | 19108.74 | 1.10 | ppb |
| Manganese | 55-2 | 2039.53 | 2025.00 | 2052.60 | 2039.04 | 0.68 | ppb |
| Molybdenum | 94-1 | 12.29 | 12.65 | 12.49 | 12.47 | 1.46 | ppb |
| Molybdenum | 95-1 | 1.59 | 1.62 | 1.57 | 1.59 | 1.68 | ppb |
| Molybdenum | 96-1 | 3.32 | 3.38 | 3.35 | 3.35 | 0.91 | ppb |
| Molybdenum | 97-1 | 1.55 | 1.61 | 1.56 | 1.57 | 2.20 | ppb |
| Molybdenum | 98-1 | 1.51 | 1.57 | 1.53 | 1.54 | 1.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 68.25 | 68.29 | 68.40 | 68.31 | 0.11 | ppb |
| Phosphorus | 31-2 | 3040.44 | 3038.26 | 3078.80 | 3052.50 | 0.75 | ppb |
| Potassium | 39-2 | 12831.59 | 12976.72 | 13038.17 | 12948.83 | 0.82 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.74 | 0.90 | 1.13 | 0.92 | 21.40 | ppb |
| Selenium | 77-2 | 18.49 | 18.55 | 18.11 | 18.38 | 1.29 | ppb |
| Selenium | 78-2 | 3.25 | 5.18 | 4.98 | 4.47 | 23.72 | ppb |
| Silicon | 28-1 | 1751.81 | 1753.45 | 1738.23 | 1747.83 | 0.48 | ppb |
| Silver | 107-1 | 0.50 | 0.46 | 0.46 | 0.48 | 5.32 | ppb |
| Silver | 109-1 | 0.51 | 0.48 | 0.46 | 0.49 | 4.76 | ppb |
| Sodium | 23-2 | 332.32 | 341.16 | 346.05 | 339.84 | 2.05 | ppb |
| Strontium | 86-1 | 114.63 | 117.15 | 116.01 | 115.93 | 1.09 | ppb |
| Strontium | 88-1 | 119.43 | 119.75 | 118.90 | 119.36 | 0.36 | ppb |
| Sulfur | 34-1 | -1498.20 | -1537.66 | -1527.72 | -1521.19 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.33 | 0.33 | 0.34 | 0.33 | 1.23 | ppb |
| Thallium | 205-1 | 0.33 | 0.33 | 0.33 | 0.33 | 0.52 | ppb |
| Tin | 118-1 | 2.36 | 2.39 | 2.34 | 2.36 | 1.08 | ppb |
| Titanium | 47-1 | 889.06 | 879.89 | 884.23 | 884.39 | 0.52 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.00 | 1.01 | 0.99 | 1.00 | 1.04 | ppb |
| Vanadium | 51-2 | 150.37 | 151.88 | 153.08 | 151.78 | 0.90 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 246.82 | 244.80 | 250.99 | 247.54 | 1.27 | ppb |
| Zirconium | 90-1 | 6.75 | 6.85 | 6.80 | 6.80 | 0.77 | ppb |
| Zirconium | 91-1 | 6.63 | 6.69 | 6.76 | 6.69 | 0.98 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27687.94 | 28326.93 | 27984.45 | 27999.77 | 1.14 | ppb |
| Antimony | 121-1 | 0.99 | 1.15 | 1.01 | 1.05 | 8.20 | ppb |
| Arsenic | 75-2 | 45.75 | 45.17 | 44.81 | 45.24 | 1.05 | ppb |
| Barium | 135-1 | 301.75 | 350.39 | 301.62 | 317.92 | 8.84 | ppb |
| Barium | 137-1 | 331.37 | 390.68 | 332.81 | 351.62 | 9.62 | ppb |
| Beryllium | 9-1 | 1.23 | 1.34 | 1.16 | 1.24 | 7.58 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.14 | 1.37 | 1.20 | 1.23 | 9.81 | ppb |
| Cadmium | 106-1 | 0.60 | -0.25 | 0.23 | 0.19 | 220.93 | ppb |
| Cadmium | 111-1 | 0.36 | 0.35 | 0.33 | 0.35 | 3.44 | ppb |
| Calcium | 43-1 | 20418.87 | 24191.36 | 20631.24 | 21747.15 | 9.75 | ppb |
| Calcium | 44-1 | 19290.10 | 22957.96 | 19358.47 | 20535.51 | 10.22 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 80.25 | 81.84 | 80.34 | 80.81 | 1.11 | ppb |
| Cobalt | 59-2 | 38.05 | 38.27 | 37.62 | 37.98 | 0.87 | ppb |
| Copper | 63-2 | 90.49 | 91.22 | 90.73 | 90.82 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 79336.30 | 80367.83 | 79948.06 | 79884.06 | 0.65 | ppb |
| Iron | 57-2 | 78761.06 | 77703.81 | 78803.58 | 78422.82 | 0.79 | ppb |
| Iron | 54-2 | 79401.30 | 80757.32 | 79420.31 | 79859.64 | 0.97 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.21 | 30.69 | 26.51 | 27.80 | 9.01 | ppb |
| Lead | 207-1 | 24.95 | 29.06 | 24.73 | 26.24 | 9.30 | ppb |
| Lead | 208-1 | 25.32 | 29.57 | 25.30 | 26.73 | 9.21 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 15005.63 | 15377.92 | 15191.50 | 15191.68 | 1.23 | ppb |
| Manganese | 55-2 | 1545.48 | 1561.67 | 1555.81 | 1554.32 | 0.53 | ppb |
| Molybdenum | 94-1 | 16.88 | 20.03 | 17.54 | 18.15 | 9.16 | ppb |
| Molybdenum | 95-1 | 0.88 | 1.12 | 0.91 | 0.97 | 13.67 | ppb |
| Molybdenum | 96-1 | 3.22 | 3.79 | 3.24 | 3.42 | 9.51 | ppb |
| Molybdenum | 97-1 | 0.87 | 1.07 | 0.91 | 0.95 | 11.00 | ppb |
| Molybdenum | 98-1 | 0.85 | 0.99 | 0.85 | 0.90 | 8.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.66 | 64.46 | 63.68 | 63.93 | 0.71 | ppb |
| Phosphorus | 31-2 | 2376.96 | 2460.19 | 2392.06 | 2409.74 | 1.84 | ppb |
| Potassium | 39-2 | 6624.37 | 6642.20 | 6601.15 | 6622.57 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 0.50 | 0.21 | 0.79 | 0.50 | 58.05 | ppb |
| Selenium | 77-2 | 15.08 | 15.67 | 17.69 | 16.15 | 8.49 | ppb |
| Selenium | 78-2 | 3.41 | 4.09 | 3.46 | 3.65 | 10.46 | ppb |
| Silicon | 28-1 | 1471.03 | 1745.05 | 1481.75 | 1565.94 | 9.91 | ppb |
| Silver | 107-1 | 0.11 | 0.15 | 0.12 | 0.13 | 17.07 | ppb |
| Silver | 109-1 | 0.11 | 0.14 | 0.13 | 0.13 | 13.20 | ppb |
| Sodium | 23-2 | 255.35 | 257.67 | 256.55 | 256.52 | 0.45 | ppb |
| Strontium | 86-1 | 71.43 | 83.25 | 72.72 | 75.80 | 8.56 | ppb |
| Strontium | 88-1 | 73.34 | 86.20 | 74.99 | 78.18 | 8.95 | ppb |
| Sulfur | 34-1 | -1643.97 | -1085.66 | -1627.39 | -1452.34 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.22 | 0.26 | 0.23 | 0.24 | 9.71 | ppb |
| Thallium | 205-1 | 0.23 | 0.27 | 0.23 | 0.24 | 7.92 | ppb |
| Tin | 118-1 | 1.95 | 2.46 | 2.12 | 2.18 | 11.84 | ppb |
| Titanium | 47-1 | 1249.54 | 1468.04 | 1275.06 | 1330.88 | 8.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 1.07 | 0.90 | 0.96 | 10.00 | ppb |
| Vanadium | 51-2 | 189.73 | 191.80 | 190.92 | 190.81 | 0.54 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 147.17 | 146.34 | 145.74 | 146.42 | 0.49 | ppb |
| Zirconium | 90-1 | 9.72 | 11.51 | 9.91 | 10.38 | 9.49 | ppb |
| Zirconium | 91-1 | 9.71 | 11.37 | 9.88 | 10.32 | 8.86 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 28718.50 | 30130.32 | 29218.85 | 29355.89 | 2.44 | ppb |
| Antimony | 121-1 | 0.43 | 0.43 | 0.44 | 0.43 | 1.10 | ppb |
| Arsenic | 75-2 | 36.98 | 39.15 | 38.46 | 38.19 | 2.90 | ppb |
| Barium | 135-1 | 300.26 | 294.86 | 309.78 | 301.63 | 2.50 | ppb |
| Barium | 137-1 | 328.48 | 323.32 | 329.11 | 326.97 | 0.97 | ppb |
| Beryllium | 9-1 | 1.06 | 0.98 | 0.92 | 0.99 | 7.00 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.87 | 0.92 | 0.97 | 0.92 | 5.19 | ppb |
| Cadmium | 106-1 | -0.63 | -0.79 | -0.07 | -0.50 | | ppb |
| Cadmium | 111-1 | 0.46 | 0.46 | 0.50 | 0.48 | 4.47 | ppb |
| Calcium | 43-1 | 24575.27 | 24865.72 | 24892.33 | 24777.77 | 0.71 | ppb |
| Calcium | 44-1 | 23127.57 | 23314.05 | 23373.94 | 23271.85 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 64.25 | 68.06 | 64.77 | 65.69 | 3.15 | ppb |
| Cobalt | 59-2 | 36.95 | 38.78 | 37.39 | 37.71 | 2.52 | ppb |
| Copper | 63-2 | 112.11 | 119.27 | 114.83 | 115.40 | 3.13 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 65134.67 | 69565.46 | 66306.55 | 67002.23 | 3.43 | ppb |
| Iron | 57-2 | 64192.98 | 68312.06 | 65857.06 | 66120.70 | 3.13 | ppb |
| Iron | 54-2 | 65938.91 | 68913.68 | 67089.79 | 67314.12 | 2.23 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 29.56 | 29.82 | 30.38 | 29.92 | 1.41 | ppb |
| Lead | 207-1 | 27.87 | 28.99 | 28.30 | 28.39 | 1.99 | ppb |
| Lead | 208-1 | 28.60 | 29.04 | 29.15 | 28.93 | 1.00 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 15653.87 | 16398.79 | 15980.82 | 16011.16 | 2.33 | ppb |
| Manganese | 55-2 | 1974.76 | 2076.66 | 2021.90 | 2024.44 | 2.52 | ppb |
| Molybdenum | 94-1 | 8.24 | 8.48 | 8.44 | 8.39 | 1.50 | ppb |
| Molybdenum | 95-1 | 0.93 | 0.92 | 0.86 | 0.90 | 4.36 | ppb |
| Molybdenum | 96-1 | 2.19 | 2.17 | 2.11 | 2.16 | 1.98 | ppb |
| Molybdenum | 97-1 | 0.90 | 0.88 | 0.87 | 0.89 | 1.50 | ppb |
| Molybdenum | 98-1 | 0.83 | 0.83 | 0.83 | 0.83 | 0.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 52.31 | 55.73 | 53.48 | 53.84 | 3.22 | ppb |
| Phosphorus | 31-2 | 2282.62 | 2398.33 | 2290.75 | 2323.90 | 2.78 | ppb |
| Potassium | 39-2 | 9850.57 | 10427.46 | 10048.49 | 10108.84 | 2.90 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 0.59 | 0.51 | 0.22 | 0.44 | 44.64 | ppb |
| Selenium | 77-2 | 14.25 | 13.90 | 13.75 | 13.96 | 1.83 | ppb |
| Selenium | 78-2 | 3.94 | 5.16 | 3.71 | 4.27 | 18.30 | ppb |
| Silicon | 28-1 | 2034.76 | 2042.40 | 2064.64 | 2047.26 | 0.76 | ppb |
| Silver | 107-1 | 0.19 | 0.22 | 0.22 | 0.21 | 8.47 | ppb |
| Silver | 109-1 | 0.20 | 0.21 | 0.23 | 0.21 | 6.93 | ppb |
| Sodium | 23-2 | 393.50 | 419.25 | 403.28 | 405.34 | 3.21 | ppb |
| Strontium | 86-1 | 93.36 | 95.32 | 94.06 | 94.25 | 1.05 | ppb |
| Strontium | 88-1 | 96.38 | 97.49 | 97.15 | 97.01 | 0.59 | ppb |
| Sulfur | 34-1 | -1399.33 | -1405.61 | -1404.27 | -1403.07 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.23 | 0.23 | 1.95 | ppb |
| Thallium | 205-1 | 0.22 | 0.22 | 0.24 | 0.23 | 3.91 | ppb |
| Tin | 118-1 | 1.83 | 1.80 | 1.84 | 1.82 | 0.98 | ppb |
| Titanium | 47-1 | 892.78 | 901.91 | 914.06 | 902.91 | 1.18 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.93 | 0.92 | 0.95 | 0.93 | 2.01 | ppb |
| Vanadium | 51-2 | 126.83 | 135.32 | 129.63 | 130.59 | 3.32 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 158.48 | 168.79 | 158.47 | 161.91 | 3.68 | ppb |
| Zirconium | 90-1 | 4.58 | 4.60 | 4.61 | 4.60 | 0.32 | ppb |
| Zirconium | 91-1 | 4.62 | 4.66 | 4.73 | 4.67 | 1.15 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 29812.53 | 28620.41 | 29268.20 | 29233.71 | 2.04 | ppb |
| Antimony | 121-1 | 0.45 | 0.43 | 0.43 | 0.44 | 3.09 | ppb |
| Arsenic | 75-2 | 38.29 | 37.60 | 37.70 | 37.86 | 0.99 | ppb |
| Barium | 135-1 | 306.55 | 301.65 | 301.82 | 303.34 | 0.92 | ppb |
| Barium | 137-1 | 336.75 | 329.18 | 331.61 | 332.51 | 1.16 | ppb |
| Beryllium | 9-1 | 1.13 | 1.07 | 1.10 | 1.10 | 2.57 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.27 | 1.21 | 0.92 | 1.13 | 16.29 | ppb |
| Cadmium | 106-1 | 0.33 | -0.98 | -0.17 | -0.27 | | ppb |
| Cadmium | 111-1 | 0.53 | 0.45 | 0.48 | 0.49 | 8.85 | ppb |
| Calcium | 43-1 | 24281.99 | 24710.55 | 25227.26 | 24739.93 | 1.91 | ppb |
| Calcium | 44-1 | 23070.42 | 23305.99 | 23760.75 | 23379.05 | 1.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 67.71 | 64.63 | 65.55 | 65.96 | 2.40 | ppb |
| Cobalt | 59-2 | 38.31 | 36.75 | 37.35 | 37.47 | 2.11 | ppb |
| Copper | 63-2 | 118.32 | 112.79 | 114.72 | 115.28 | 2.44 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 68650.46 | 65090.17 | 65958.26 | 66566.30 | 2.79 | ppb |
| Iron | 57-2 | 67168.23 | 65218.70 | 65670.01 | 66018.98 | 1.55 | ppb |
| Iron | 54-2 | 68666.31 | 65612.12 | 66395.18 | 66891.20 | 2.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 29.81 | 30.43 | 30.61 | 30.28 | 1.38 | ppb |
| Lead | 207-1 | 28.52 | 29.37 | 29.58 | 29.15 | 1.92 | ppb |
| Lead | 208-1 | 29.11 | 29.63 | 30.00 | 29.58 | 1.52 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 16395.68 | 15538.96 | 15995.59 | 15976.75 | 2.68 | ppb |
| Manganese | 55-2 | 2055.09 | 1962.32 | 1985.51 | 2000.97 | 2.41 | ppb |
| Molybdenum | 94-1 | 8.50 | 8.56 | 8.68 | 8.58 | 1.02 | ppb |
| Molybdenum | 95-1 | 0.94 | 0.91 | 0.89 | 0.91 | 3.14 | ppb |
| Molybdenum | 96-1 | 2.27 | 2.22 | 2.30 | 2.26 | 1.90 | ppb |
| Molybdenum | 97-1 | 0.81 | 0.86 | 0.92 | 0.87 | 6.51 | ppb |
| Molybdenum | 98-1 | 0.82 | 0.84 | 0.84 | 0.83 | 1.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.59 | 52.85 | 53.87 | 53.77 | 1.62 | ppb |
| Phosphorus | 31-2 | 2403.36 | 2284.54 | 2314.30 | 2334.07 | 2.65 | ppb |
| Potassium | 39-2 | 10286.56 | 9782.65 | 9915.33 | 9994.85 | 2.61 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.84 | 0.53 | 0.45 | 0.61 | 34.52 | ppb |
| Selenium | 77-2 | 11.99 | 11.61 | 13.88 | 12.49 | 9.73 | ppb |
| Selenium | 78-2 | 3.31 | 1.68 | 3.59 | 2.86 | 36.10 | ppb |
| Silicon | 28-1 | 2034.50 | 2046.05 | 2066.75 | 2049.10 | 0.80 | ppb |
| Silver | 107-1 | 0.20 | 0.21 | 0.21 | 0.21 | 4.09 | ppb |
| Silver | 109-1 | 0.20 | 0.21 | 0.23 | 0.22 | 7.05 | ppb |
| Sodium | 23-2 | 409.91 | 393.27 | 406.62 | 403.27 | 2.18 | ppb |
| Strontium | 86-1 | 95.34 | 94.35 | 97.00 | 95.56 | 1.40 | ppb |
| Strontium | 88-1 | 98.05 | 98.16 | 99.27 | 98.49 | 0.69 | ppb |
| Sulfur | 34-1 | -1478.56 | -1489.87 | -1413.69 | -1460.71 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.25 | 0.24 | 2.50 | ppb |
| Thallium | 205-1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.74 | ppb |
| Tin | 118-1 | 1.81 | 1.82 | 1.85 | 1.83 | 1.31 | ppb |
| Titanium | 47-1 | 905.09 | 904.77 | 928.64 | 912.83 | 1.50 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 0.97 | 0.99 | 0.98 | 1.53 | ppb |
| Vanadium | 51-2 | 132.60 | 127.40 | 129.25 | 129.75 | 2.03 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 165.94 | 157.86 | 161.43 | 161.74 | 2.50 | ppb |
| Zirconium | 90-1 | 4.69 | 4.71 | 4.69 | 4.70 | 0.28 | ppb |
| Zirconium | 91-1 | 4.75 | 4.66 | 4.79 | 4.73 | 1.36 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5836.31 | 5812.88 | 5949.04 | 5866.08 | 1.24 | ppb |
| Antimony | 121-1 | 0.07 | 0.08 | 0.08 | 0.08 | 6.79 | ppb |
| Arsenic | 75-2 | 7.24 | 8.10 | 7.75 | 7.70 | 5.58 | ppb |
| Barium | 135-1 | 58.45 | 65.10 | 60.11 | 61.22 | 5.66 | ppb |
| Barium | 137-1 | 58.23 | 65.64 | 59.69 | 61.18 | 6.42 | ppb |
| Beryllium | 9-1 | 0.24 | 0.28 | 0.19 | 0.23 | 20.14 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.28 | 0.16 | 0.34 | 0.26 | 36.71 | ppb |
| Cadmium | 106-1 | -2.01 | -1.99 | -2.10 | -2.03 | | ppb |
| Cadmium | 111-1 | -0.04 | -0.05 | -0.07 | -0.05 | | ppb |
| Calcium | 43-1 | 4933.06 | 5481.30 | 5068.38 | 5160.91 | 5.53 | ppb |
| Calcium | 44-1 | 4635.37 | 5185.61 | 4747.58 | 4856.19 | 5.99 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12.89 | 12.76 | 12.85 | 12.83 | 0.50 | ppb |
| Cobalt | 59-2 | 7.46 | 7.36 | 7.36 | 7.40 | 0.80 | ppb |
| Copper | 63-2 | 22.99 | 22.91 | 23.00 | 22.97 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 13212.46 | 13043.79 | 12960.91 | 13072.39 | 0.98 | ppb |
| Iron | 57-2 | 13389.15 | 13290.05 | 13387.27 | 13355.49 | 0.42 | ppb |
| Iron | 54-2 | 13318.49 | 13387.19 | 13124.98 | 13276.89 | 1.02 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5.69 | 6.33 | 5.95 | 5.99 | 5.44 | ppb |
| Lead | 207-1 | 5.39 | 5.99 | 5.52 | 5.63 | 5.58 | ppb |
| Lead | 208-1 | 5.50 | 6.06 | 5.68 | 5.75 | 4.92 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 3155.09 | 3145.15 | 3154.96 | 3151.73 | 0.18 | ppb |
| Manganese | 55-2 | 395.71 | 392.84 | 394.96 | 394.51 | 0.38 | ppb |
| Molybdenum | 94-1 | 1.62 | 1.79 | 1.63 | 1.68 | 5.82 | ppb |
| Molybdenum | 95-1 | 0.13 | 0.16 | 0.14 | 0.14 | 11.64 | ppb |
| Molybdenum | 96-1 | 0.38 | 0.44 | 0.42 | 0.41 | 7.97 | ppb |
| Molybdenum | 97-1 | 0.13 | 0.19 | 0.12 | 0.15 | 26.49 | ppb |
| Molybdenum | 98-1 | 0.12 | 0.14 | 0.11 | 0.12 | 12.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.72 | 10.39 | 10.73 | 10.61 | 1.79 | ppb |
| Phosphorus | 31-2 | 459.60 | 439.99 | 471.14 | 456.91 | 3.45 | ppb |
| Potassium | 39-2 | 2080.57 | 2074.88 | 2076.65 | 2077.37 | 0.14 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.30 | 0.06 | -0.38 | -0.01 | | ppb |
| Selenium | 77-2 | 4.07 | 2.54 | 2.25 | 2.95 | 33.06 | ppb |
| Selenium | 78-2 | 0.04 | -0.20 | -0.05 | -0.07 | | ppb |
| Silicon | 28-1 | 409.37 | 462.72 | 423.25 | 431.78 | 6.41 | ppb |
| Silver | 107-1 | 0.03 | 0.04 | 0.04 | 0.04 | 5.18 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.04 | 0.04 | 2.63 | ppb |
| Sodium | 23-2 | 70.23 | 70.97 | 71.40 | 70.87 | 0.83 | ppb |
| Strontium | 86-1 | 18.96 | 20.98 | 19.25 | 19.73 | 5.52 | ppb |
| Strontium | 88-1 | 18.76 | 21.04 | 19.26 | 19.69 | 6.07 | ppb |
| Sulfur | 34-1 | -1788.24 | -1445.85 | -1655.03 | -1629.71 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.04 | 13.32 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 3.07 | ppb |
| Tin | 118-1 | 0.46 | 0.38 | 0.35 | 0.40 | 13.88 | ppb |
| Titanium | 47-1 | 179.90 | 203.53 | 185.49 | 189.64 | 6.51 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.18 | 0.20 | 0.18 | 0.19 | 7.11 | ppb |
| Vanadium | 51-2 | 25.24 | 25.25 | 25.56 | 25.35 | 0.72 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 32.42 | 31.88 | 32.50 | 32.27 | 1.06 | ppb |
| Zirconium | 90-1 | 0.89 | 1.00 | 0.93 | 0.94 | 5.77 | ppb |
| Zirconium | 91-1 | 0.90 | 1.08 | 0.93 | 0.97 | 9.95 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 29909.58 | 29983.02 | 30002.69 | 29965.10 | 0.16 | ppb |
| Antimony | 121-1 | 55.87 | 55.42 | 56.52 | 55.94 | 0.99 | ppb |
| Arsenic | 75-2 | 59.17 | 58.43 | 59.77 | 59.12 | 1.14 | ppb |
| Barium | 135-1 | 1496.94 | 1456.79 | 1467.71 | 1473.82 | 1.41 | ppb |
| Barium | 137-1 | 1491.93 | 1450.75 | 1467.20 | 1469.96 | 1.41 | ppb |
| Beryllium | 9-1 | 30.25 | 31.39 | 32.22 | 31.28 | 3.16 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 27.15 | 26.90 | 26.66 | 26.90 | 0.91 | ppb |
| Cadmium | 106-1 | 25.53 | 24.61 | 25.75 | 25.30 | 2.40 | ppb |
| Cadmium | 111-1 | 28.85 | 28.00 | 28.63 | 28.49 | 1.56 | ppb |
| Calcium | 43-1 | 24305.63 | 24608.06 | 24915.24 | 24609.64 | 1.24 | ppb |
| Calcium | 44-1 | 22721.07 | 23119.54 | 23258.76 | 23033.12 | 1.21 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 181.06 | 182.08 | 181.63 | 181.59 | 0.28 | ppb |
| Cobalt | 59-2 | 332.41 | 332.59 | 332.27 | 332.42 | 0.05 | ppb |
| Copper | 63-2 | 246.92 | 247.42 | 247.10 | 247.15 | 0.10 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 65814.06 | 66330.72 | 66357.65 | 66167.48 | 0.46 | ppb |
| Iron | 57-2 | 66008.18 | 65430.88 | 65897.11 | 65778.72 | 0.47 | ppb |
| Iron | 54-2 | 66689.56 | 67183.69 | 66785.29 | 66886.18 | 0.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.41 | 40.40 | 40.08 | 39.97 | 1.26 | ppb |
| Lead | 207-1 | 38.05 | 38.16 | 39.29 | 38.50 | 1.78 | ppb |
| Lead | 208-1 | 38.26 | 38.89 | 39.11 | 38.76 | 1.14 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 15476.87 | 15632.25 | 15726.12 | 15611.75 | 0.81 | ppb |
| Manganese | 55-2 | 2247.31 | 2272.35 | 2247.03 | 2255.56 | 0.64 | ppb |
| Molybdenum | 94-1 | 8.42 | 8.41 | 8.55 | 8.46 | 0.95 | ppb |
| Molybdenum | 95-1 | 0.89 | 0.90 | 0.91 | 0.90 | 1.17 | ppb |
| Molybdenum | 96-1 | 2.19 | 2.21 | 2.24 | 2.21 | 1.23 | ppb |
| Molybdenum | 97-1 | 0.85 | 0.92 | 0.85 | 0.87 | 4.70 | ppb |
| Molybdenum | 98-1 | 0.85 | 0.80 | 0.82 | 0.82 | 2.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 335.53 | 335.48 | 336.19 | 335.73 | 0.12 | ppb |
| Phosphorus | 31-2 | 2273.75 | 2339.04 | 2334.09 | 2315.63 | 1.57 | ppb |
| Potassium | 39-2 | 9682.60 | 9963.04 | 9691.26 | 9778.97 | 1.63 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 54.56 | 53.95 | 56.14 | 54.88 | 2.06 | ppb |
| Selenium | 77-2 | 64.74 | 66.65 | 70.26 | 67.22 | 4.17 | ppb |
| Selenium | 78-2 | 54.26 | 55.80 | 59.59 | 56.55 | 4.85 | ppb |
| Silicon | 28-1 | 2020.77 | 2036.41 | 2065.23 | 2040.80 | 1.10 | ppb |
| Silver | 107-1 | 24.18 | 24.12 | 24.67 | 24.32 | 1.24 | ppb |
| Silver | 109-1 | 24.18 | 24.26 | 24.71 | 24.38 | 1.17 | ppb |
| Sodium | 23-2 | 393.76 | 396.59 | 396.76 | 395.71 | 0.43 | ppb |
| Strontium | 86-1 | 92.89 | 93.89 | 94.26 | 93.68 | 0.76 | ppb |
| Strontium | 88-1 | 94.27 | 96.22 | 97.55 | 96.02 | 1.72 | ppb |
| Sulfur | 34-1 | -1409.49 | -1454.18 | -1468.13 | -1443.94 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 24.88 | 25.13 | 25.64 | 25.22 | 1.55 | ppb |
| Thallium | 205-1 | 24.62 | 24.96 | 25.24 | 24.94 | 1.24 | ppb |
| Tin | 118-1 | 1.81 | 1.80 | 1.83 | 1.82 | 0.77 | ppb |
| Titanium | 47-1 | 896.90 | 897.93 | 900.13 | 898.32 | 0.18 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.92 | 0.95 | 0.96 | 0.94 | 1.97 | ppb |
| Vanadium | 51-2 | 411.12 | 413.50 | 417.28 | 413.97 | 0.75 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 437.04 | 437.53 | 435.68 | 436.75 | 0.22 | ppb |
| Zirconium | 90-1 | 4.54 | 4.70 | 4.64 | 4.63 | 1.77 | ppb |
| Zirconium | 91-1 | 4.61 | 4.60 | 4.63 | 4.61 | 0.37 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 33091.60 | 33359.27 | 33218.51 | 33223.13 | 0.40 | ppb |
| Antimony | 121-1 | 281.59 | 284.36 | 280.53 | 282.16 | 0.70 | ppb |
| Arsenic | 75-2 | 140.66 | 145.89 | 140.84 | 142.46 | 2.09 | ppb |
| Barium | 135-1 | 5845.21 | 5950.42 | 5817.61 | 5871.08 | 1.19 | ppb |
| Barium | 137-1 | 5835.16 | 6018.47 | 5834.39 | 5896.01 | 1.80 | ppb |
| Beryllium | 9-1 | 142.52 | 145.00 | 146.47 | 144.66 | 1.38 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 125.24 | 127.01 | 127.72 | 126.66 | 1.01 | ppb |
| Cadmium | 106-1 | 119.76 | 121.87 | 120.70 | 120.77 | 0.88 | ppb |
| Cadmium | 111-1 | 133.13 | 136.93 | 136.09 | 135.38 | 1.47 | ppb |
| Calcium | 43-1 | 23399.86 | 23992.52 | 24163.58 | 23851.99 | 1.68 | ppb |
| Calcium | 44-1 | 21992.27 | 22638.80 | 22338.44 | 22323.17 | 1.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 631.56 | 634.23 | 629.78 | 631.86 | 0.35 | ppb |
| Cobalt | 59-2 | 1474.19 | 1458.25 | 1461.79 | 1464.75 | 0.57 | ppb |
| Copper | 63-2 | 796.42 | 793.59 | 801.18 | 797.06 | 0.48 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 67213.42 | 67213.88 | 67334.01 | 67253.77 | 0.10 | ppb |
| Iron | 57-2 | 66471.37 | 65889.64 | 66518.93 | 66293.31 | 0.53 | ppb |
| Iron | 54-2 | 67449.76 | 67852.61 | 67179.85 | 67494.07 | 0.50 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 75.57 | 77.51 | 78.13 | 77.07 | 1.73 | ppb |
| Lead | 207-1 | 74.10 | 75.15 | 75.63 | 74.96 | 1.04 | ppb |
| Lead | 208-1 | 74.70 | 76.06 | 76.79 | 75.85 | 1.40 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 15336.47 | 15277.24 | 15312.01 | 15308.57 | 0.19 | ppb |
| Manganese | 55-2 | 3288.87 | 3290.71 | 3318.21 | 3299.26 | 0.50 | ppb |
| Molybdenum | 94-1 | 8.19 | 8.34 | 8.32 | 8.28 | 1.02 | ppb |
| Molybdenum | 95-1 | 0.92 | 0.89 | 0.94 | 0.92 | 2.84 | ppb |
| Molybdenum | 96-1 | 2.20 | 2.18 | 2.21 | 2.20 | 0.63 | ppb |
| Molybdenum | 97-1 | 0.84 | 0.87 | 0.86 | 0.85 | 1.96 | ppb |
| Molybdenum | 98-1 | 0.83 | 0.87 | 0.87 | 0.85 | 2.77 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1510.18 | 1514.88 | 1499.66 | 1508.24 | 0.52 | ppb |
| Phosphorus | 31-2 | 2195.74 | 2248.29 | 2208.36 | 2217.47 | 1.24 | ppb |
| Potassium | 39-2 | 9540.11 | 9534.70 | 9481.49 | 9518.77 | 0.34 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 296.41 | 301.98 | 301.95 | 300.11 | 1.07 | ppb |
| Selenium | 77-2 | 304.97 | 323.13 | 312.47 | 313.52 | 2.91 | ppb |
| Selenium | 78-2 | 295.11 | 300.11 | 303.28 | 299.50 | 1.38 | ppb |
| Silicon | 28-1 | 1952.89 | 2014.57 | 2006.50 | 1991.32 | 1.68 | ppb |
| Silver | 107-1 | 114.58 | 123.71 | 124.36 | 120.88 | 4.53 | ppb |
| Silver | 109-1 | 114.73 | 117.71 | 115.71 | 116.05 | 1.31 | ppb |
| Sodium | 23-2 | 382.06 | 383.93 | 386.53 | 384.17 | 0.58 | ppb |
| Strontium | 86-1 | 89.28 | 92.20 | 92.13 | 91.20 | 1.83 | ppb |
| Strontium | 88-1 | 93.89 | 94.69 | 93.96 | 94.18 | 0.47 | ppb |
| Sulfur | 34-1 | -1498.81 | -1500.90 | -1521.17 | -1506.96 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 117.74 | 119.69 | 121.51 | 119.65 | 1.58 | ppb |
| Thallium | 205-1 | 135.89 | 138.32 | 139.25 | 137.82 | 1.26 | ppb |
| Tin | 118-1 | 1.72 | 1.77 | 1.75 | 1.75 | 1.42 | ppb |
| Titanium | 47-1 | 861.98 | 885.31 | 888.98 | 878.75 | 1.67 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.90 | 0.94 | 0.95 | 0.93 | 2.83 | ppb |
| Vanadium | 51-2 | 1510.14 | 1500.50 | 1499.31 | 1503.32 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 1509.14 | 1513.15 | 1505.44 | 1509.25 | 0.26 | ppb |
| Zirconium | 90-1 | 4.42 | 4.52 | 4.55 | 4.50 | 1.48 | ppb |
| Zirconium | 91-1 | 4.58 | 4.53 | 4.77 | 4.63 | 2.68 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25587.60 | 26036.11 | 25740.60 | 25788.10 | 0.88 | ppb |
| Antimony | 121-1 | 0.94 | 0.92 | 0.91 | 0.92 | 1.48 | ppb |
| Arsenic | 75-2 | 50.07 | 49.04 | 48.99 | 49.37 | 1.24 | ppb |
| Barium | 135-1 | 290.59 | 288.96 | 294.82 | 291.46 | 1.04 | ppb |
| Barium | 137-1 | 290.91 | 290.14 | 294.20 | 291.75 | 0.74 | ppb |
| Beryllium | 9-1 | 1.00 | 1.02 | 1.12 | 1.05 | 6.08 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.53 | 1.33 | 1.42 | 1.43 | 7.30 | ppb |
| Cadmium | 106-1 | 0.35 | -0.20 | 0.41 | 0.19 | 178.65 | ppb |
| Cadmium | 111-1 | 0.78 | 0.78 | 0.81 | 0.79 | 2.80 | ppb |
| Calcium | 43-1 | 20361.84 | 20484.37 | 21179.31 | 20675.17 | 2.13 | ppb |
| Calcium | 44-1 | 19257.13 | 19223.31 | 19724.46 | 19401.63 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 59.28 | 59.59 | 58.89 | 59.25 | 0.59 | ppb |
| Cobalt | 59-2 | 33.54 | 33.61 | 33.47 | 33.54 | 0.20 | ppb |
| Copper | 63-2 | 152.59 | 153.32 | 152.84 | 152.92 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 61064.10 | 62005.52 | 60888.86 | 61319.49 | 0.98 | ppb |
| Iron | 57-2 | 61079.17 | 60745.77 | 60755.17 | 60860.04 | 0.31 | ppb |
| Iron | 54-2 | 61794.39 | 62039.95 | 61305.64 | 61713.33 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 36.56 | 36.16 | 37.47 | 36.73 | 1.82 | ppb |
| Lead | 207-1 | 35.35 | 35.29 | 37.08 | 35.91 | 2.83 | ppb |
| Lead | 208-1 | 35.69 | 35.42 | 36.74 | 35.95 | 1.95 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 15130.66 | 15150.19 | 15163.69 | 15148.18 | 0.11 | ppb |
| Manganese | 55-2 | 1541.98 | 1579.31 | 1546.96 | 1556.08 | 1.30 | ppb |
| Molybdenum | 94-1 | 9.72 | 9.88 | 9.95 | 9.85 | 1.16 | ppb |
| Molybdenum | 95-1 | 1.22 | 1.19 | 1.21 | 1.20 | 1.16 | ppb |
| Molybdenum | 96-1 | 2.52 | 2.62 | 2.60 | 2.58 | 2.08 | ppb |
| Molybdenum | 97-1 | 1.19 | 1.18 | 1.19 | 1.19 | 0.36 | ppb |
| Molybdenum | 98-1 | 1.13 | 1.10 | 1.12 | 1.12 | 1.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 57.79 | 58.59 | 57.76 | 58.05 | 0.81 | ppb |
| Phosphorus | 31-2 | 2801.37 | 2839.32 | 2820.68 | 2820.46 | 0.67 | ppb |
| Potassium | 39-2 | 9542.75 | 9711.44 | 9472.57 | 9575.59 | 1.28 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 0.56 | 0.79 | 0.82 | 0.72 | 20.27 | ppb |
| Selenium | 77-2 | 15.04 | 12.53 | 12.95 | 13.51 | 9.95 | ppb |
| Selenium | 78-2 | 3.16 | 3.04 | 2.30 | 2.84 | 16.53 | ppb |
| Silicon | 28-1 | 1989.29 | 1961.08 | 2015.73 | 1988.70 | 1.37 | ppb |
| Silver | 107-1 | 0.47 | 0.42 | 0.39 | 0.43 | 9.32 | ppb |
| Silver | 109-1 | 0.45 | 0.38 | 0.38 | 0.40 | 9.46 | ppb |
| Sodium | 23-2 | 617.24 | 626.55 | 625.15 | 622.98 | 0.81 | ppb |
| Strontium | 86-1 | 105.36 | 106.13 | 107.71 | 106.40 | 1.13 | ppb |
| Strontium | 88-1 | 109.00 | 109.61 | 110.00 | 109.53 | 0.46 | ppb |
| Sulfur | 34-1 | -1093.38 | -1133.25 | -1020.06 | -1082.23 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.22 | 0.22 | 0.24 | 0.23 | 3.29 | ppb |
| Thallium | 205-1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.53 | ppb |
| Tin | 118-1 | 2.53 | 2.52 | 2.55 | 2.53 | 0.73 | ppb |
| Titanium | 47-1 | 769.27 | 769.46 | 795.63 | 778.12 | 1.95 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.73 | 0.78 | 0.75 | 3.28 | ppb |
| Vanadium | 51-2 | 119.54 | 120.94 | 119.27 | 119.92 | 0.75 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 181.28 | 184.08 | 183.45 | 182.94 | 0.80 | ppb |
| Zirconium | 90-1 | 5.25 | 5.34 | 5.37 | 5.32 | 1.18 | ppb |
| Zirconium | 91-1 | 5.38 | 5.27 | 5.45 | 5.36 | 1.69 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 31759.07 | 31560.14 | 31738.46 | 31685.89 | 0.35 | ppb |
| Antimony | 121-1 | 0.52 | 0.52 | 0.53 | 0.52 | 1.44 | ppb |
| Arsenic | 75-2 | 43.20 | 42.69 | 43.91 | 43.27 | 1.42 | ppb |
| Barium | 135-1 | 304.16 | 316.66 | 308.61 | 309.81 | 2.05 | ppb |
| Barium | 137-1 | 336.28 | 314.74 | 333.21 | 328.08 | 3.55 | ppb |
| Beryllium | 9-1 | 1.20 | 1.24 | 1.10 | 1.18 | 6.34 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.14 | 1.18 | 1.06 | 1.13 | 5.44 | ppb |
| Cadmium | 106-1 | 0.17 | 0.58 | -0.40 | 0.12 | 413.79 | ppb |
| Cadmium | 111-1 | 0.70 | 0.78 | 0.68 | 0.72 | 7.49 | ppb |
| Calcium | 43-1 | 19700.75 | 20234.08 | 19736.04 | 19890.29 | 1.50 | ppb |
| Calcium | 44-1 | 18373.62 | 19019.37 | 18635.47 | 18676.15 | 1.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 68.78 | 68.70 | 68.87 | 68.79 | 0.12 | ppb |
| Cobalt | 59-2 | 36.63 | 36.48 | 36.90 | 36.67 | 0.58 | ppb |
| Copper | 63-2 | 147.62 | 149.32 | 148.77 | 148.57 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 66872.39 | 65729.92 | 66722.27 | 66441.53 | 0.93 | ppb |
| Iron | 57-2 | 65784.98 | 65741.83 | 65924.89 | 65817.23 | 0.15 | ppb |
| Iron | 54-2 | 66794.16 | 66168.90 | 67112.49 | 66691.85 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 32.41 | 33.62 | 33.04 | 33.02 | 1.83 | ppb |
| Lead | 207-1 | 30.98 | 32.77 | 31.70 | 31.81 | 2.83 | ppb |
| Lead | 208-1 | 31.57 | 32.92 | 32.16 | 32.21 | 2.10 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 15955.85 | 15915.09 | 16143.03 | 16004.66 | 0.76 | ppb |
| Manganese | 55-2 | 1850.94 | 1837.63 | 1851.58 | 1846.72 | 0.43 | ppb |
| Molybdenum | 94-1 | 9.36 | 9.72 | 9.42 | 9.50 | 2.04 | ppb |
| Molybdenum | 95-1 | 1.05 | 1.05 | 1.05 | 1.05 | 0.19 | ppb |
| Molybdenum | 96-1 | 2.44 | 2.46 | 2.53 | 2.47 | 1.88 | ppb |
| Molybdenum | 97-1 | 1.08 | 1.02 | 1.00 | 1.03 | 3.69 | ppb |
| Molybdenum | 98-1 | 0.97 | 1.00 | 0.99 | 0.99 | 1.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.66 | 54.67 | 55.39 | 54.91 | 0.76 | ppb |
| Phosphorus | 31-2 | 2338.14 | 2267.52 | 2252.17 | 2285.94 | 2.01 | ppb |
| Potassium | 39-2 | 10476.86 | 10456.58 | 10353.16 | 10428.87 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.70 | 0.57 | 0.47 | 0.58 | 19.41 | ppb |
| Selenium | 77-2 | 14.27 | 12.13 | 14.59 | 13.66 | 9.80 | ppb |
| Selenium | 78-2 | 3.10 | 1.86 | 3.57 | 2.84 | 31.05 | ppb |
| Silicon | 28-1 | 1989.21 | 2051.67 | 2005.10 | 2015.32 | 1.61 | ppb |
| Silver | 107-1 | 0.29 | 0.33 | 0.29 | 0.31 | 7.38 | ppb |
| Silver | 109-1 | 0.32 | 0.31 | 0.30 | 0.31 | 2.03 | ppb |
| Sodium | 23-2 | 316.29 | 314.74 | 317.33 | 316.12 | 0.41 | ppb |
| Strontium | 86-1 | 87.18 | 89.08 | 88.06 | 88.11 | 1.08 | ppb |
| Strontium | 88-1 | 90.51 | 92.87 | 90.20 | 91.19 | 1.60 | ppb |
| Sulfur | 34-1 | -1411.26 | -1394.11 | -1503.99 | -1436.45 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.25 | 0.25 | 0.24 | 0.25 | 1.99 | ppb |
| Thallium | 205-1 | 0.24 | 0.26 | 0.25 | 0.25 | 2.89 | ppb |
| Tin | 118-1 | 1.96 | 2.01 | 2.03 | 2.00 | 1.82 | ppb |
| Titanium | 47-1 | 879.47 | 898.78 | 888.64 | 888.96 | 1.09 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.84 | 0.88 | 0.88 | 0.87 | 2.56 | ppb |
| Vanadium | 51-2 | 130.25 | 129.62 | 129.37 | 129.75 | 0.35 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 185.19 | 185.07 | 185.60 | 185.29 | 0.15 | ppb |
| Zirconium | 90-1 | 5.08 | 5.18 | 5.15 | 5.14 | 0.98 | ppb |
| Zirconium | 91-1 | 5.10 | 5.21 | 5.30 | 5.21 | 1.94 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25953.29 | 26417.43 | 26189.10 | 26186.61 | 0.89 | ppb |
| Antimony | 121-1 | 0.60 | 0.61 | 0.63 | 0.61 | 2.30 | ppb |
| Arsenic | 75-2 | 48.42 | 48.28 | 48.94 | 48.54 | 0.72 | ppb |
| Barium | 135-1 | 268.54 | 264.77 | 273.38 | 268.90 | 1.60 | ppb |
| Barium | 137-1 | 269.27 | 266.78 | 274.88 | 270.31 | 1.54 | ppb |
| Beryllium | 9-1 | 1.10 | 1.08 | 0.80 | 1.00 | 16.84 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.06 | 1.22 | 1.13 | 1.14 | 6.68 | ppb |
| Cadmium | 106-1 | 0.37 | 0.08 | -0.55 | -0.04 | | ppb |
| Cadmium | 111-1 | 0.77 | 0.69 | 0.71 | 0.72 | 5.56 | ppb |
| Calcium | 43-1 | 18035.42 | 18072.02 | 18575.70 | 18227.71 | 1.66 | ppb |
| Calcium | 44-1 | 17014.21 | 17000.98 | 17392.17 | 17135.79 | 1.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 63.37 | 63.16 | 63.58 | 63.37 | 0.33 | ppb |
| Cobalt | 59-2 | 32.17 | 32.06 | 32.14 | 32.12 | 0.18 | ppb |
| Copper | 63-2 | 131.58 | 131.26 | 131.27 | 131.37 | 0.14 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 56712.19 | 56532.98 | 57062.44 | 56769.20 | 0.47 | ppb |
| Iron | 57-2 | 56759.66 | 55985.29 | 56479.35 | 56408.10 | 0.70 | ppb |
| Iron | 54-2 | 56687.93 | 56440.89 | 56902.32 | 56677.05 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33.75 | 34.32 | 35.06 | 34.38 | 1.91 | ppb |
| Lead | 207-1 | 32.88 | 33.23 | 33.40 | 33.17 | 0.80 | ppb |
| Lead | 208-1 | 33.00 | 33.32 | 33.94 | 33.42 | 1.43 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 15002.27 | 15125.26 | 15144.42 | 15090.65 | 0.51 | ppb |
| Manganese | 55-2 | 1417.22 | 1412.45 | 1417.72 | 1415.80 | 0.21 | ppb |
| Molybdenum | 94-1 | 8.08 | 8.22 | 8.16 | 8.15 | 0.88 | ppb |
| Molybdenum | 95-1 | 1.43 | 1.44 | 1.40 | 1.43 | 1.36 | ppb |
| Molybdenum | 96-1 | 2.60 | 2.58 | 2.57 | 2.58 | 0.52 | ppb |
| Molybdenum | 97-1 | 1.34 | 1.38 | 1.42 | 1.38 | 2.99 | ppb |
| Molybdenum | 98-1 | 1.37 | 1.41 | 1.35 | 1.38 | 2.03 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.88 | 55.38 | 55.88 | 55.38 | 0.90 | ppb |
| Phosphorus | 31-2 | 2451.59 | 2485.97 | 2440.85 | 2459.47 | 0.96 | ppb |
| Potassium | 39-2 | 10477.42 | 10500.12 | 10434.62 | 10470.72 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.27 | 0.67 | 0.56 | 0.83 | 46.08 | ppb |
| Selenium | 77-2 | 13.33 | 12.19 | 12.52 | 12.68 | 4.62 | ppb |
| Selenium | 78-2 | 2.46 | 2.30 | 2.03 | 2.26 | 9.59 | ppb |
| Silicon | 28-1 | 2072.73 | 2060.67 | 2092.47 | 2075.29 | 0.77 | ppb |
| Silver | 107-1 | 0.29 | 0.29 | 0.29 | 0.29 | 1.75 | ppb |
| Silver | 109-1 | 0.27 | 0.28 | 0.30 | 0.28 | 5.36 | ppb |
| Sodium | 23-2 | 634.38 | 637.45 | 638.56 | 636.80 | 0.34 | ppb |
| Strontium | 86-1 | 86.39 | 86.33 | 87.03 | 86.59 | 0.45 | ppb |
| Strontium | 88-1 | 90.15 | 89.59 | 90.90 | 90.21 | 0.73 | ppb |
| Sulfur | 34-1 | -1051.75 | -1122.01 | -1087.87 | -1087.21 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.19 | 0.20 | 0.21 | 0.20 | 5.25 | ppb |
| Thallium | 205-1 | 0.19 | 0.20 | 0.21 | 0.20 | 3.69 | ppb |
| Tin | 118-1 | 1.91 | 1.88 | 2.11 | 1.96 | 6.37 | ppb |
| Titanium | 47-1 | 714.71 | 721.01 | 738.16 | 724.63 | 1.68 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.68 | 0.68 | 0.72 | 0.69 | 3.09 | ppb |
| Vanadium | 51-2 | 110.56 | 109.39 | 110.41 | 110.12 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 198.40 | 199.28 | 197.46 | 198.38 | 0.46 | ppb |
| Zirconium | 90-1 | 4.13 | 4.17 | 4.22 | 4.17 | 1.03 | ppb |
| Zirconium | 91-1 | 4.28 | 4.23 | 4.28 | 4.27 | 0.72 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 26456.66 | 26041.38 | 26510.43 | 26336.16 | 0.97 | ppb |
| Antimony | 121-1 | 0.47 | 0.49 | 0.50 | 0.49 | 3.52 | ppb |
| Arsenic | 75-2 | 37.99 | 36.30 | 37.37 | 37.22 | 2.30 | ppb |
| Barium | 135-1 | 274.24 | 273.74 | 282.58 | 276.85 | 1.79 | ppb |
| Barium | 137-1 | 275.56 | 276.49 | 280.68 | 277.58 | 0.98 | ppb |
| Beryllium | 9-1 | 0.89 | 0.93 | 1.00 | 0.94 | 5.79 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.12 | 0.94 | 0.92 | 0.99 | 11.30 | ppb |
| Cadmium | 106-1 | -0.43 | -1.04 | -1.04 | -0.84 | | ppb |
| Cadmium | 111-1 | 0.48 | 0.44 | 0.45 | 0.46 | 4.30 | ppb |
| Calcium | 43-1 | 20996.02 | 21022.19 | 21200.99 | 21073.07 | 0.53 | ppb |
| Calcium | 44-1 | 19780.14 | 19755.58 | 19986.97 | 19840.89 | 0.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 55.17 | 55.78 | 56.06 | 55.67 | 0.81 | ppb |
| Cobalt | 59-2 | 31.00 | 31.43 | 31.60 | 31.34 | 0.97 | ppb |
| Copper | 63-2 | 111.37 | 112.11 | 112.49 | 111.99 | 0.51 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 55100.90 | 55724.19 | 55854.36 | 55559.82 | 0.72 | ppb |
| Iron | 57-2 | 54919.68 | 55486.55 | 55312.66 | 55239.63 | 0.53 | ppb |
| Iron | 54-2 | 55277.49 | 56319.60 | 56155.58 | 55917.56 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.98 | 26.29 | 26.70 | 26.32 | 1.36 | ppb |
| Lead | 207-1 | 24.82 | 25.00 | 25.33 | 25.05 | 1.03 | ppb |
| Lead | 208-1 | 25.15 | 25.29 | 25.72 | 25.39 | 1.17 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 13646.03 | 13825.38 | 13957.91 | 13809.77 | 1.13 | ppb |
| Manganese | 55-2 | 1578.41 | 1596.89 | 1583.68 | 1586.33 | 0.60 | ppb |
| Molybdenum | 94-1 | 8.24 | 8.23 | 8.41 | 8.29 | 1.21 | ppb |
| Molybdenum | 95-1 | 0.83 | 0.88 | 0.86 | 0.85 | 3.11 | ppb |
| Molybdenum | 96-1 | 2.11 | 2.13 | 2.11 | 2.12 | 0.56 | ppb |
| Molybdenum | 97-1 | 0.85 | 0.83 | 0.87 | 0.85 | 1.96 | ppb |
| Molybdenum | 98-1 | 0.82 | 0.83 | 0.87 | 0.84 | 3.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.35 | 48.82 | 48.91 | 48.69 | 0.62 | ppb |
| Phosphorus | 31-2 | 2455.01 | 2418.47 | 2445.10 | 2439.53 | 0.77 | ppb |
| Potassium | 39-2 | 9668.73 | 9730.13 | 9719.13 | 9706.00 | 0.34 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.58 | 0.38 | 0.43 | 0.46 | 22.12 | ppb |
| Selenium | 77-2 | 12.33 | 10.54 | 13.46 | 12.11 | 12.15 | ppb |
| Selenium | 78-2 | 1.36 | 3.15 | 3.42 | 2.65 | 42.32 | ppb |
| Silicon | 28-1 | 1676.39 | 1670.52 | 1695.35 | 1680.76 | 0.77 | ppb |
| Silver | 107-1 | 0.20 | 0.20 | 0.20 | 0.20 | 1.70 | ppb |
| Silver | 109-1 | 0.21 | 0.21 | 0.22 | 0.21 | 3.29 | ppb |
| Sodium | 23-2 | 271.01 | 276.53 | 275.54 | 274.36 | 1.07 | ppb |
| Strontium | 86-1 | 75.06 | 75.20 | 75.97 | 75.41 | 0.65 | ppb |
| Strontium | 88-1 | 76.63 | 77.96 | 78.53 | 77.70 | 1.25 | ppb |
| Sulfur | 34-1 | -1217.05 | -1212.57 | -1179.63 | -1203.08 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.22 | 0.22 | 0.22 | 0.22 | 1.35 | ppb |
| Thallium | 205-1 | 0.22 | 0.23 | 0.23 | 0.23 | 2.37 | ppb |
| Tin | 118-1 | 1.88 | 1.84 | 1.88 | 1.87 | 1.25 | ppb |
| Titanium | 47-1 | 725.30 | 730.84 | 735.76 | 730.63 | 0.72 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.72 | 0.74 | 0.73 | 2.06 | ppb |
| Vanadium | 51-2 | 105.30 | 106.36 | 106.51 | 106.06 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 159.84 | 160.99 | 160.74 | 160.52 | 0.38 | ppb |
| Zirconium | 90-1 | 4.55 | 4.56 | 4.57 | 4.56 | 0.25 | ppb |
| Zirconium | 91-1 | 4.59 | 4.61 | 4.66 | 4.62 | 0.76 | ppb |

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On:11/7/2024 3:50:57 AM
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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 47516.11 | 47632.43 | 47328.78 | 47492.44 | 0.32 | ppb |
| Antimony | 121-1 | 479.80 | 493.42 | 484.75 | 485.99 | 1.42 | ppb |
| Arsenic | 75-2 | 506.00 | 503.50 | 504.70 | 504.73 | 0.25 | ppb |
| Barium | 135-1 | 2440.62 | 2498.41 | 2429.09 | 2456.04 | 1.51 | ppb |
| Barium | 137-1 | 2404.49 | 2469.23 | 2426.43 | 2433.38 | 1.35 | ppb |
| Beryllium | 9-1 | 495.14 | 494.65 | 491.75 | 493.84 | 0.37 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 488.30 | 494.88 | 486.93 | 490.04 | 0.87 | ppb |
| Cadmium | 106-1 | 485.72 | 499.58 | 479.73 | 488.34 | 2.08 | ppb |
| Cadmium | 111-1 | 463.40 | 474.45 | 464.81 | 467.55 | 1.29 | ppb |
| Calcium | 43-1 | 244197.76 | 245546.51 | 244213.16 | 244652.48 | 0.32 | ppb |
| Calcium | 44-1 | 241130.52 | 244092.85 | 240820.87 | 242014.74 | 0.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 500.65 | 501.29 | 488.28 | 496.74 | 1.48 | ppb |
| Cobalt | 59-2 | 523.81 | 523.05 | 517.09 | 521.31 | 0.71 | ppb |
| Copper | 63-2 | 4990.83 | 5007.86 | 4953.17 | 4983.95 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 125325.41 | 126263.87 | 124310.71 | 125300.00 | 0.78 | ppb |
| Iron | 57-2 | 126129.70 | 126486.94 | 122963.94 | 125193.53 | 1.55 | ppb |
| Iron | 54-2 | 125653.03 | 127685.26 | 125510.91 | 126283.07 | 0.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2513.91 | 2521.55 | 2483.15 | 2506.20 | 0.81 | ppb |
| Lead | 207-1 | 2459.91 | 2499.96 | 2478.85 | 2479.57 | 0.81 | ppb |
| Lead | 208-1 | 2479.41 | 2504.73 | 2481.94 | 2488.69 | 0.56 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 239390.02 | 240851.08 | 237287.22 | 239176.11 | 0.75 | ppb |
| Manganese | 55-2 | 4886.69 | 4992.03 | 4889.52 | 4922.75 | 1.22 | ppb |
| Molybdenum | 94-1 | 4912.38 | 4954.41 | 4919.40 | 4928.73 | 0.46 | ppb |
| Molybdenum | 95-1 | 4927.54 | 4932.75 | 4957.27 | 4939.18 | 0.32 | ppb |
| Molybdenum | 96-1 | 4918.94 | 4896.58 | 4942.43 | 4919.32 | 0.47 | ppb |
| Molybdenum | 97-1 | 4925.24 | 4870.73 | 4932.58 | 4909.52 | 0.69 | ppb |
| Molybdenum | 98-1 | 4880.01 | 4860.38 | 4863.89 | 4868.09 | 0.22 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 488.97 | 488.32 | 478.67 | 485.32 | 1.19 | ppb |
| Phosphorus | 31-2 | 9570.15 | 9513.28 | 9430.18 | 9504.54 | 0.74 | ppb |
| Potassium | 39-2 | 119591.22 | 120077.48 | 118183.87 | 119284.19 | 0.82 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 493.53 | 492.79 | 489.90 | 492.07 | 0.39 | ppb |
| Selenium | 77-2 | 474.83 | 475.58 | 499.07 | 483.16 | 2.85 | ppb |
| Selenium | 78-2 | 484.07 | 493.73 | 493.75 | 490.52 | 1.14 | ppb |
| Silicon | 28-1 | 2756.54 | 2778.30 | 2785.52 | 2773.45 | 0.54 | ppb |
| Silver | 107-1 | 489.89 | 496.41 | 484.96 | 490.42 | 1.17 | ppb |
| Silver | 109-1 | 495.44 | 498.62 | 494.74 | 496.27 | 0.42 | ppb |
| Sodium | 23-2 | 240304.81 | 242831.74 | 235269.57 | 239468.71 | 1.61 | ppb |
| Strontium | 86-1 | 12224.86 | 12202.22 | 12185.32 | 12204.13 | 0.16 | ppb |
| Strontium | 88-1 | 12229.97 | 12235.79 | 12131.04 | 12198.93 | 0.48 | ppb |
| Sulfur | 34-1 | 9139.58 | 9163.20 | 9065.65 | 9122.81 | 0.56 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 497.80 | 507.54 | 501.32 | 502.22 | 0.98 | ppb |
| Thallium | 205-1 | 500.27 | 502.35 | 503.33 | 501.98 | 0.31 | ppb |
| Tin | 118-1 | 469.53 | 476.43 | 470.51 | 472.16 | 0.79 | ppb |
| Titanium | 47-1 | 4908.41 | 4946.91 | 4913.38 | 4922.90 | 0.43 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 506.95 | 519.14 | 517.54 | 514.54 | 1.29 | ppb |
| Vanadium | 51-2 | 506.05 | 511.84 | 494.46 | 504.12 | 1.76 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 4987.90 | 5022.91 | 4913.88 | 4974.90 | 1.12 | ppb |
| Zirconium | 90-1 | 496.54 | 500.56 | 506.86 | 501.32 | 1.04 | ppb |
| Zirconium | 91-1 | 510.24 | 503.31 | 503.17 | 505.57 | 0.80 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4.45 | 4.70 | 4.70 | 4.62 | 3.14 | ppb |
| Antimony | 121-1 | 0.30 | 0.29 | 0.29 | 0.29 | 2.43 | ppb |
| Arsenic | 75-2 | 0.03 | -0.01 | 0.04 | 0.02 | 122.45 | ppb |
| Barium | 135-1 | 0.14 | 0.18 | 0.17 | 0.16 | 14.40 | ppb |
| Barium | 137-1 | 0.17 | 0.16 | 0.16 | 0.16 | 1.96 | ppb |
| Beryllium | 9-1 | 0.04 | 0.00 | 0.00 | 0.01 | 122.50 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.06 | 0.13 | 0.07 | 89.40 | ppb |
| Cadmium | 106-1 | -1.60 | -1.55 | -1.78 | -1.64 | | ppb |
| Cadmium | 111-1 | -0.09 | -0.09 | -0.11 | -0.10 | | ppb |
| Calcium | 43-1 | 4.45 | 5.88 | 6.91 | 5.74 | 21.49 | ppb |
| Calcium | 44-1 | 4.46 | 5.36 | 5.55 | 5.12 | 11.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | 0.05 | 0.03 | 0.03 | 42.47 | ppb |
| Cobalt | 59-2 | 0.03 | 0.02 | 0.04 | 0.03 | 34.12 | ppb |
| Copper | 63-2 | 0.14 | 0.16 | 0.09 | 0.13 | 26.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 12.83 | 12.70 | 13.55 | 13.03 | 3.50 | ppb |
| Iron | 57-2 | 10.74 | 10.15 | 10.26 | 10.38 | 3.03 | ppb |
| Iron | 54-2 | 12.77 | 11.75 | 13.58 | 12.70 | 7.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.07 | 0.05 | 0.07 | 19.66 | ppb |
| Lead | 207-1 | 0.09 | 0.07 | 0.07 | 0.08 | 15.94 | ppb |
| Lead | 208-1 | 0.08 | 0.07 | 0.06 | 0.07 | 11.93 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 5.38 | 4.66 | 5.27 | 5.10 | 7.58 | ppb |
| Manganese | 55-2 | 0.38 | 0.43 | 0.45 | 0.42 | 7.98 | ppb |
| Molybdenum | 94-1 | 0.26 | 0.25 | 0.28 | 0.26 | 5.53 | ppb |
| Molybdenum | 95-1 | 0.21 | 0.18 | 0.19 | 0.19 | 7.43 | ppb |
| Molybdenum | 96-1 | 0.21 | 0.19 | 0.19 | 0.20 | 7.01 | ppb |
| Molybdenum | 97-1 | 0.23 | 0.16 | 0.20 | 0.20 | 16.38 | ppb |
| Molybdenum | 98-1 | 0.20 | 0.19 | 0.17 | 0.19 | 7.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.08 | 0.07 | 0.09 | 0.08 | 10.28 | ppb |
| Phosphorus | 31-2 | -17.21 | -18.78 | -22.95 | -19.65 | | ppb |
| Potassium | 39-2 | -3.52 | -3.13 | -3.19 | -3.28 | | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | -0.61 | -0.33 | 0.05 | -0.30 | | ppb |
| Selenium | 77-2 | 0.00 | -0.22 | -0.22 | -0.15 | | ppb |
| Selenium | 78-2 | -0.43 | 0.49 | -0.94 | -0.29 | | ppb |
| Silicon | 28-1 | 0.73 | 0.69 | 0.82 | 0.75 | 8.93 | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.04 | 0.04 | 13.93 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.03 | 0.04 | 18.52 | ppb |
| Sodium | 23-2 | 8.51 | 8.05 | 7.35 | 7.97 | 7.35 | ppb |
| Strontium | 86-1 | 0.27 | 0.25 | 0.22 | 0.25 | 11.01 | ppb |
| Strontium | 88-1 | 0.25 | 0.23 | 0.23 | 0.24 | 3.54 | ppb |
| Sulfur | 34-1 | -804.49 | -731.87 | -661.98 | -732.78 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.03 | 0.05 | 29.16 | ppb |
| Thallium | 205-1 | 0.05 | 0.05 | 0.04 | 0.05 | 10.93 | ppb |
| Tin | 118-1 | 0.05 | 0.06 | 0.07 | 0.06 | 17.44 | ppb |
| Titanium | 47-1 | 0.28 | 0.33 | 0.31 | 0.31 | 7.95 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 18.42 | ppb |
| Vanadium | 51-2 | 0.05 | 0.04 | 0.05 | 0.05 | 10.81 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | -0.16 | -0.10 | -0.08 | -0.11 | | ppb |
| Zirconium | 90-1 | 0.05 | 0.05 | 0.04 | 0.05 | 8.21 | ppb |
| Zirconium | 91-1 | 0.07 | 0.06 | 0.05 | 0.06 | 18.26 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 32157.23 | 31909.90 | 31864.36 | 31977.17 | 0.49 | ppb |
| Antimony | 121-1 | 1.01 | 1.07 | 1.07 | 1.05 | 3.56 | ppb |
| Arsenic | 75-2 | 72.44 | 75.29 | 73.42 | 73.72 | 1.96 | ppb |
| Barium | 135-1 | 337.06 | 337.23 | 343.39 | 339.23 | 1.06 | ppb |
| Barium | 137-1 | 358.65 | 364.56 | 369.67 | 364.29 | 1.51 | ppb |
| Beryllium | 9-1 | 1.15 | 1.21 | 1.20 | 1.19 | 2.88 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.08 | 2.50 | 2.25 | 2.27 | 9.38 | ppb |
| Cadmium | 106-1 | 2.13 | 2.08 | 1.56 | 1.92 | 16.44 | ppb |
| Cadmium | 111-1 | 1.68 | 1.76 | 1.62 | 1.69 | 4.26 | ppb |
| Calcium | 43-1 | 15672.29 | 15714.87 | 15813.31 | 15733.49 | 0.46 | ppb |
| Calcium | 44-1 | 14760.15 | 14890.44 | 14897.08 | 14849.22 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 77.21 | 76.76 | 77.43 | 77.13 | 0.45 | ppb |
| Cobalt | 59-2 | 37.61 | 37.71 | 37.56 | 37.63 | 0.20 | ppb |
| Copper | 63-2 | 258.87 | 258.13 | 258.88 | 258.62 | 0.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 69006.51 | 68528.39 | 68702.43 | 68745.77 | 0.35 | ppb |
| Iron | 57-2 | 68202.59 | 67612.99 | 67664.34 | 67826.64 | 0.48 | ppb |
| Iron | 54-2 | 69132.70 | 68715.09 | 69468.76 | 69105.52 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 58.22 | 59.50 | 60.22 | 59.32 | 1.71 | ppb |
| Lead | 207-1 | 57.43 | 58.62 | 58.56 | 58.21 | 1.15 | ppb |
| Lead | 208-1 | 57.49 | 58.59 | 58.81 | 58.29 | 1.21 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 16293.74 | 16178.76 | 16322.80 | 16265.10 | 0.47 | ppb |
| Manganese | 55-2 | 1904.24 | 1893.06 | 1882.20 | 1893.17 | 0.58 | ppb |
| Molybdenum | 94-1 | 14.08 | 14.21 | 14.21 | 14.17 | 0.52 | ppb |
| Molybdenum | 95-1 | 1.32 | 1.33 | 1.34 | 1.33 | 0.87 | ppb |
| Molybdenum | 96-1 | 3.19 | 3.19 | 3.20 | 3.19 | 0.16 | ppb |
| Molybdenum | 97-1 | 1.25 | 1.22 | 1.28 | 1.25 | 2.24 | ppb |
| Molybdenum | 98-1 | 1.23 | 1.27 | 1.28 | 1.26 | 2.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 67.93 | 67.34 | 67.65 | 67.64 | 0.44 | ppb |
| Phosphorus | 31-2 | 2400.98 | 2379.96 | 2412.76 | 2397.90 | 0.69 | ppb |
| Potassium | 39-2 | 11568.65 | 11416.44 | 11471.89 | 11485.66 | 0.67 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 1.47 | 1.75 | 1.36 | 1.53 | 13.00 | ppb |
| Selenium | 77-2 | 18.80 | 17.14 | 16.62 | 17.52 | 6.49 | ppb |
| Selenium | 78-2 | 3.83 | 4.22 | 4.43 | 4.16 | 7.35 | ppb |
| Silicon | 28-1 | 1786.67 | 1778.15 | 1782.94 | 1782.59 | 0.24 | ppb |
| Silver | 107-1 | 0.68 | 0.68 | 0.66 | 0.67 | 1.70 | ppb |
| Silver | 109-1 | 0.70 | 0.64 | 0.65 | 0.66 | 4.28 | ppb |
| Sodium | 23-2 | 239.65 | 240.32 | 239.90 | 239.95 | 0.14 | ppb |
| Strontium | 86-1 | 72.64 | 73.67 | 74.03 | 73.45 | 0.98 | ppb |
| Strontium | 88-1 | 75.38 | 75.37 | 76.80 | 75.85 | 1.08 | ppb |
| Sulfur | 34-1 | -808.49 | -981.76 | -1168.75 | -986.33 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 110 | | % |
| Thallium | 203-1 | 0.36 | 0.36 | 0.35 | 0.36 | 2.14 | ppb |
| Thallium | 205-1 | 0.35 | 0.34 | 0.32 | 0.34 | 4.59 | ppb |
| Tin | 118-1 | 2.31 | 2.41 | 2.47 | 2.40 | 3.35 | ppb |
| Titanium | 47-1 | 785.87 | 792.91 | 797.13 | 791.97 | 0.72 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.86 | 0.90 | 0.90 | 0.89 | 2.51 | ppb |
| Vanadium | 51-2 | 129.27 | 128.92 | 129.91 | 129.36 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 252.36 | 250.55 | 249.26 | 250.72 | 0.62 | ppb |
| Zirconium | 90-1 | 7.69 | 7.83 | 7.94 | 7.82 | 1.64 | ppb |
| Zirconium | 91-1 | 7.81 | 7.99 | 7.95 | 7.91 | 1.22 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 31698.53 | 31709.90 | 31883.32 | 31763.92 | 0.33 | ppb |
| Antimony | 121-1 | 0.91 | 1.14 | 0.94 | 0.99 | 12.77 | ppb |
| Arsenic | 75-2 | 64.01 | 64.23 | 63.24 | 63.83 | 0.82 | ppb |
| Barium | 135-1 | 363.41 | 439.72 | 366.58 | 389.90 | 11.07 | ppb |
| Barium | 137-1 | 394.04 | 473.36 | 393.05 | 420.15 | 10.97 | ppb |
| Beryllium | 9-1 | 1.27 | 1.54 | 1.23 | 1.35 | 12.63 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.84 | 2.28 | 1.88 | 2.00 | 12.29 | ppb |
| Cadmium | 106-1 | 1.18 | 1.85 | 0.73 | 1.25 | 44.89 | ppb |
| Cadmium | 111-1 | 1.37 | 1.62 | 1.34 | 1.44 | 10.61 | ppb |
| Calcium | 43-1 | 15919.30 | 19119.69 | 16617.35 | 17218.78 | 9.77 | ppb |
| Calcium | 44-1 | 14997.44 | 18143.99 | 15395.04 | 16178.82 | 10.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 75.63 | 75.00 | 75.72 | 75.45 | 0.52 | ppb |
| Cobalt | 59-2 | 38.70 | 38.19 | 38.32 | 38.40 | 0.69 | ppb |
| Copper | 63-2 | 218.90 | 217.90 | 219.87 | 218.89 | 0.45 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 64285.04 | 64084.72 | 64952.52 | 64440.76 | 0.71 | ppb |
| Iron | 57-2 | 64705.73 | 63617.64 | 64023.50 | 64115.62 | 0.86 | ppb |
| Iron | 54-2 | 64562.96 | 64658.82 | 65444.62 | 64888.80 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 47.56 | 57.41 | 49.01 | 51.33 | 10.36 | ppb |
| Lead | 207-1 | 47.14 | 56.44 | 47.78 | 50.45 | 10.29 | ppb |
| Lead | 208-1 | 46.91 | 56.67 | 47.91 | 50.50 | 10.64 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 16542.99 | 16541.84 | 16553.88 | 16546.24 | 0.04 | ppb |
| Manganese | 55-2 | 2010.18 | 2014.07 | 2030.35 | 2018.20 | 0.53 | ppb |
| Molybdenum | 94-1 | 10.94 | 13.35 | 11.53 | 11.94 | 10.51 | ppb |
| Molybdenum | 95-1 | 1.53 | 1.94 | 1.63 | 1.70 | 12.62 | ppb |
| Molybdenum | 96-1 | 2.99 | 3.71 | 3.24 | 3.32 | 11.03 | ppb |
| Molybdenum | 97-1 | 1.50 | 1.91 | 1.63 | 1.68 | 12.35 | ppb |
| Molybdenum | 98-1 | 1.49 | 1.85 | 1.60 | 1.65 | 11.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 65.54 | 64.97 | 65.68 | 65.40 | 0.57 | ppb |
| Phosphorus | 31-2 | 2809.14 | 2759.50 | 2776.15 | 2781.60 | 0.91 | ppb |
| Potassium | 39-2 | 11006.74 | 10976.57 | 11076.00 | 11019.77 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 0.57 | 1.30 | 1.00 | 0.95 | 38.18 | ppb |
| Selenium | 77-2 | 17.02 | 14.74 | 14.08 | 15.28 | 10.09 | ppb |
| Selenium | 78-2 | 3.57 | 2.31 | 2.02 | 2.63 | 31.47 | ppb |
| Silicon | 28-1 | 1909.31 | 2318.67 | 1986.27 | 2071.42 | 10.50 | ppb |
| Silver | 107-1 | 0.60 | 0.74 | 0.62 | 0.66 | 11.37 | ppb |
| Silver | 109-1 | 0.60 | 0.74 | 0.61 | 0.65 | 11.84 | ppb |
| Sodium | 23-2 | 339.40 | 338.44 | 338.28 | 338.71 | 0.18 | ppb |
| Strontium | 86-1 | 90.52 | 110.52 | 94.72 | 98.59 | 10.70 | ppb |
| Strontium | 88-1 | 93.18 | 113.64 | 98.14 | 101.65 | 10.50 | ppb |
| Sulfur | 34-1 | -1115.38 | -558.10 | -1140.32 | -937.93 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.30 | 0.38 | 0.30 | 0.32 | 14.12 | ppb |
| Thallium | 205-1 | 0.30 | 0.36 | 0.29 | 0.31 | 11.59 | ppb |
| Tin | 118-1 | 2.32 | 2.86 | 2.29 | 2.49 | 12.85 | ppb |
| Titanium | 47-1 | 739.18 | 893.56 | 773.57 | 802.11 | 10.10 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.84 | 1.02 | 0.86 | 0.91 | 10.42 | ppb |
| Vanadium | 51-2 | 122.32 | 120.45 | 121.79 | 121.52 | 0.79 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 253.76 | 251.94 | 253.19 | 252.97 | 0.37 | ppb |
| Zirconium | 90-1 | 5.73 | 7.15 | 6.07 | 6.32 | 11.78 | ppb |
| Zirconium | 91-1 | 5.80 | 7.05 | 6.05 | 6.30 | 10.50 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34792.95 | 34079.78 | 34056.47 | 34309.73 | 1.22 | ppb |
| Antimony | 121-1 | 0.95 | 0.99 | 1.02 | 0.98 | 3.58 | ppb |
| Arsenic | 75-2 | 69.84 | 68.47 | 69.38 | 69.23 | 1.01 | ppb |
| Barium | 135-1 | 379.28 | 387.04 | 384.55 | 383.62 | 1.03 | ppb |
| Barium | 137-1 | 415.99 | 415.30 | 422.04 | 417.78 | 0.89 | ppb |
| Beryllium | 9-1 | 0.98 | 0.94 | 1.13 | 1.02 | 9.50 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.81 | 1.71 | 1.93 | 1.82 | 5.91 | ppb |
| Cadmium | 106-1 | 0.89 | 1.84 | 0.02 | 0.92 | 99.44 | ppb |
| Cadmium | 111-1 | 0.89 | 1.03 | 0.88 | 0.93 | 8.93 | ppb |
| Calcium | 43-1 | 21046.76 | 21753.67 | 21691.52 | 21497.32 | 1.82 | ppb |
| Calcium | 44-1 | 20055.76 | 20706.63 | 20321.72 | 20361.37 | 1.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 103.24 | 101.13 | 101.01 | 101.80 | 1.23 | ppb |
| Cobalt | 59-2 | 47.23 | 46.41 | 46.78 | 46.81 | 0.88 | ppb |
| Copper | 63-2 | 197.59 | 194.11 | 193.80 | 195.16 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 76607.24 | 75123.06 | 75344.12 | 75691.47 | 1.06 | ppb |
| Iron | 57-2 | 75580.57 | 75025.62 | 74597.33 | 75067.84 | 0.66 | ppb |
| Iron | 54-2 | 76819.44 | 76522.41 | 76252.28 | 76531.38 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.62 | 35.44 | 35.81 | 35.62 | 0.51 | ppb |
| Lead | 207-1 | 35.01 | 34.28 | 35.17 | 34.82 | 1.35 | ppb |
| Lead | 208-1 | 35.01 | 34.59 | 34.84 | 34.81 | 0.61 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 22313.71 | 22006.13 | 21934.58 | 22084.81 | 0.91 | ppb |
| Manganese | 55-2 | 2494.49 | 2472.60 | 2481.66 | 2482.92 | 0.44 | ppb |
| Molybdenum | 94-1 | 10.92 | 11.30 | 11.16 | 11.12 | 1.73 | ppb |
| Molybdenum | 95-1 | 1.24 | 1.29 | 1.28 | 1.27 | 2.18 | ppb |
| Molybdenum | 96-1 | 2.80 | 2.87 | 2.91 | 2.86 | 1.92 | ppb |
| Molybdenum | 97-1 | 1.25 | 1.24 | 1.19 | 1.22 | 2.62 | ppb |
| Molybdenum | 98-1 | 1.19 | 1.18 | 1.17 | 1.18 | 0.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 88.52 | 87.84 | 88.43 | 88.27 | 0.42 | ppb |
| Phosphorus | 31-2 | 2482.29 | 2481.71 | 2439.77 | 2467.92 | 0.99 | ppb |
| Potassium | 39-2 | 8965.15 | 8767.59 | 8739.13 | 8823.96 | 1.40 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 0.74 | 0.08 | 0.68 | 0.50 | 73.00 | ppb |
| Selenium | 77-2 | 11.66 | 12.54 | 10.99 | 11.73 | 6.62 | ppb |
| Selenium | 78-2 | 2.81 | 2.90 | 2.75 | 2.82 | 2.61 | ppb |
| Silicon | 28-1 | 1563.26 | 1601.99 | 1592.48 | 1585.91 | 1.27 | ppb |
| Silver | 107-1 | 0.37 | 0.36 | 0.38 | 0.37 | 2.74 | ppb |
| Silver | 109-1 | 0.36 | 0.37 | 0.40 | 0.38 | 5.01 | ppb |
| Sodium | 23-2 | 356.75 | 352.10 | 351.31 | 353.39 | 0.83 | ppb |
| Strontium | 86-1 | 105.57 | 107.87 | 107.83 | 107.09 | 1.23 | ppb |
| Strontium | 88-1 | 109.41 | 110.73 | 110.48 | 110.21 | 0.64 | ppb |
| Sulfur | 34-1 | -1255.19 | -1195.00 | -1219.72 | -1223.30 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.25 | 0.23 | 0.24 | 0.24 | 4.59 | ppb |
| Thallium | 205-1 | 0.25 | 0.25 | 0.23 | 0.24 | 3.89 | ppb |
| Tin | 118-1 | 2.26 | 2.28 | 2.36 | 2.30 | 2.17 | ppb |
| Titanium | 47-1 | 734.39 | 761.49 | 754.71 | 750.20 | 1.88 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.71 | 0.68 | 0.71 | 0.70 | 2.13 | ppb |
| Vanadium | 51-2 | 161.01 | 157.89 | 157.51 | 158.81 | 1.21 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 191.26 | 187.41 | 188.09 | 188.92 | 1.09 | ppb |
| Zirconium | 90-1 | 5.98 | 6.02 | 6.07 | 6.02 | 0.75 | ppb |
| Zirconium | 91-1 | 5.97 | 6.18 | 6.22 | 6.12 | 2.23 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 30786.41 | 30709.02 | 30531.72 | 30675.71 | 0.43 | ppb |
| Antimony | 121-1 | 0.64 | 0.65 | 0.66 | 0.65 | 2.01 | ppb |
| Arsenic | 75-2 | 53.96 | 52.60 | 51.72 | 52.76 | 2.14 | ppb |
| Barium | 135-1 | 391.82 | 393.67 | 396.09 | 393.86 | 0.54 | ppb |
| Barium | 137-1 | 422.22 | 426.02 | 419.38 | 422.54 | 0.79 | ppb |
| Beryllium | 9-1 | 1.31 | 1.20 | 1.35 | 1.29 | 6.14 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.45 | 1.44 | 1.40 | 1.43 | 1.69 | ppb |
| Cadmium | 106-1 | 0.31 | 0.91 | 1.06 | 0.76 | 52.16 | ppb |
| Cadmium | 111-1 | 0.44 | 0.44 | 0.49 | 0.46 | 6.30 | ppb |
| Calcium | 43-1 | 28509.88 | 28865.10 | 29308.42 | 28894.46 | 1.38 | ppb |
| Calcium | 44-1 | 27016.61 | 27245.67 | 27377.90 | 27213.39 | 0.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 70.47 | 70.94 | 70.47 | 70.63 | 0.39 | ppb |
| Cobalt | 59-2 | 36.74 | 36.38 | 36.64 | 36.59 | 0.50 | ppb |
| Copper | 63-2 | 98.26 | 98.11 | 98.04 | 98.14 | 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 | | | | 99 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 61870.31 | 61959.99 | 62202.45 | 62010.92 | 0.28 | ppb |
| Iron | 57-2 | 61579.92 | 61854.67 | 61535.20 | 61656.59 | 0.28 | ppb |
| Iron | 54-2 | 62902.32 | 62843.28 | 63033.82 | 62926.47 | 0.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24.71 | 24.69 | 25.29 | 24.90 | 1.37 | ppb |
| Lead | 207-1 | 23.32 | 22.97 | 23.76 | 23.35 | 1.69 | ppb |
| Lead | 208-1 | 23.68 | 23.54 | 24.25 | 23.82 | 1.57 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 16226.97 | 16210.48 | 16263.50 | 16233.65 | 0.17 | ppb |
| Manganese | 55-2 | 1848.17 | 1858.19 | 1855.79 | 1854.05 | 0.28 | ppb |
| Molybdenum | 94-1 | 17.31 | 17.48 | 17.79 | 17.53 | 1.37 | ppb |
| Molybdenum | 95-1 | 0.85 | 0.86 | 0.85 | 0.85 | 0.49 | ppb |
| Molybdenum | 96-1 | 3.10 | 3.03 | 3.20 | 3.11 | 2.65 | ppb |
| Molybdenum | 97-1 | 0.82 | 0.82 | 0.85 | 0.83 | 2.32 | ppb |
| Molybdenum | 98-1 | 0.79 | 0.79 | 0.80 | 0.79 | 1.04 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 71.21 | 70.63 | 70.58 | 70.81 | 0.49 | ppb |
| Phosphorus | 31-2 | 2108.54 | 2127.48 | 2172.19 | 2136.07 | 1.53 | ppb |
| Potassium | 39-2 | 7505.28 | 7562.71 | 7546.02 | 7538.00 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 0.34 | 0.07 | 0.62 | 0.34 | 80.42 | ppb |
| Selenium | 77-2 | 18.02 | 15.31 | 12.15 | 15.16 | 19.41 | ppb |
| Selenium | 78-2 | 2.35 | 2.75 | 3.38 | 2.82 | 18.36 | ppb |
| Silicon | 28-1 | 1894.81 | 1911.60 | 1931.78 | 1912.73 | 0.97 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.16 | 0.15 | 9.42 | ppb |
| Silver | 109-1 | 0.14 | 0.15 | 0.15 | 0.15 | 1.71 | ppb |
| Sodium | 23-2 | 275.89 | 276.94 | 275.25 | 276.03 | 0.31 | ppb |
| Strontium | 86-1 | 92.78 | 91.59 | 94.15 | 92.84 | 1.38 | ppb |
| Strontium | 88-1 | 94.77 | 96.50 | 95.96 | 95.74 | 0.93 | ppb |
| Sulfur | 34-1 | -1367.52 | -1335.64 | -1322.19 | -1341.78 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.25 | 0.25 | 0.27 | 0.26 | 4.50 | ppb |
| Thallium | 205-1 | 0.25 | 0.25 | 0.26 | 0.25 | 2.55 | ppb |
| Tin | 118-1 | 2.00 | 2.01 | 2.13 | 2.05 | 3.41 | ppb |
| Titanium | 47-1 | 923.10 | 931.76 | 921.32 | 925.39 | 0.60 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.84 | 0.83 | 0.85 | 0.84 | 1.16 | ppb |
| Vanadium | 51-2 | 120.43 | 118.80 | 118.08 | 119.10 | 1.01 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 151.23 | 150.96 | 152.60 | 151.60 | 0.58 | ppb |
| Zirconium | 90-1 | 10.02 | 10.05 | 10.27 | 10.11 | 1.36 | ppb |
| Zirconium | 91-1 | 10.03 | 10.23 | 10.37 | 10.21 | 1.64 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34514.85 | 34636.51 | 34800.50 | 34650.62 | 0.41 | ppb |
| Antimony | 121-1 | 0.55 | 0.55 | 0.63 | 0.57 | 8.64 | ppb |
| Arsenic | 75-2 | 62.31 | 62.47 | 60.58 | 61.79 | 1.69 | ppb |
| Barium | 135-1 | 353.48 | 358.20 | 403.24 | 371.64 | 7.39 | ppb |
| Barium | 137-1 | 382.60 | 390.30 | 439.13 | 404.01 | 7.59 | ppb |
| Beryllium | 9-1 | 1.33 | 1.35 | 1.39 | 1.36 | 2.19 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.65 | 1.26 | 1.85 | 1.59 | 18.82 | ppb |
| Cadmium | 106-1 | -0.22 | -0.10 | -0.73 | -0.35 | | ppb |
| Cadmium | 111-1 | 0.84 | 0.93 | 0.93 | 0.90 | 5.80 | ppb |
| Calcium | 43-1 | 14962.62 | 15053.39 | 17139.76 | 15718.59 | 7.84 | ppb |
| Calcium | 44-1 | 14053.59 | 14099.44 | 16028.33 | 14727.12 | 7.65 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 77.62 | 77.66 | 78.46 | 77.91 | 0.61 | ppb |
| Cobalt | 59-2 | 39.59 | 39.76 | 39.48 | 39.61 | 0.36 | ppb |
| Copper | 63-2 | 182.73 | 181.78 | 182.97 | 182.49 | 0.34 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 76759.69 | 76849.90 | 77270.32 | 76959.97 | 0.35 | ppb |
| Iron | 57-2 | 75786.21 | 76145.80 | 76837.21 | 76256.41 | 0.70 | ppb |
| Iron | 54-2 | 77105.17 | 76440.23 | 76945.30 | 76830.23 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.85 | 40.40 | 46.78 | 42.35 | 9.10 | ppb |
| Lead | 207-1 | 38.83 | 39.19 | 45.35 | 41.12 | 8.90 | ppb |
| Lead | 208-1 | 38.97 | 39.31 | 45.36 | 41.21 | 8.73 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 17075.30 | 16692.33 | 16722.96 | 16830.20 | 1.26 | ppb |
| Manganese | 55-2 | 1663.99 | 1672.13 | 1662.96 | 1666.36 | 0.30 | ppb |
| Molybdenum | 94-1 | 10.94 | 11.15 | 12.51 | 11.53 | 7.40 | ppb |
| Molybdenum | 95-1 | 1.10 | 1.19 | 1.36 | 1.22 | 10.81 | ppb |
| Molybdenum | 96-1 | 2.80 | 2.81 | 3.23 | 2.95 | 8.28 | ppb |
| Molybdenum | 97-1 | 1.19 | 1.12 | 1.32 | 1.21 | 8.19 | ppb |
| Molybdenum | 98-1 | 1.09 | 1.11 | 1.24 | 1.15 | 6.93 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 62.19 | 61.36 | 61.69 | 61.75 | 0.67 | ppb |
| Phosphorus | 31-2 | 2354.14 | 2346.60 | 2316.11 | 2338.95 | 0.86 | ppb |
| Potassium | 39-2 | 11080.27 | 11078.41 | 11130.73 | 11096.47 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 0.49 | 1.05 | 0.96 | 0.83 | 36.21 | ppb |
| Selenium | 77-2 | 12.44 | 17.42 | 15.88 | 15.24 | 16.73 | ppb |
| Selenium | 78-2 | 2.98 | 3.88 | 3.35 | 3.41 | 13.21 | ppb |
| Silicon | 28-1 | 1860.50 | 1872.68 | 2140.49 | 1957.89 | 8.08 | ppb |
| Silver | 107-1 | 0.37 | 0.37 | 0.42 | 0.38 | 7.13 | ppb |
| Silver | 109-1 | 0.38 | 0.40 | 0.43 | 0.41 | 6.42 | ppb |
| Sodium | 23-2 | 313.21 | 316.65 | 315.92 | 315.26 | 0.57 | ppb |
| Strontium | 86-1 | 71.71 | 73.46 | 83.32 | 76.17 | 8.22 | ppb |
| Strontium | 88-1 | 74.60 | 75.45 | 85.96 | 78.67 | 8.04 | ppb |
| Sulfur | 34-1 | -1650.25 | -1758.17 | -1417.41 | -1608.61 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.28 | 0.26 | 0.34 | 0.29 | 13.35 | ppb |
| Thallium | 205-1 | 0.29 | 0.28 | 0.31 | 0.29 | 6.06 | ppb |
| Tin | 118-1 | 2.15 | 2.20 | 2.46 | 2.27 | 7.45 | ppb |
| Titanium | 47-1 | 893.58 | 897.37 | 1034.96 | 941.97 | 8.55 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.03 | 1.02 | 1.20 | 1.08 | 9.40 | ppb |
| Vanadium | 51-2 | 139.54 | 140.96 | 140.16 | 140.22 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 206.35 | 206.40 | 204.70 | 205.81 | 0.47 | ppb |
| Zirconium | 90-1 | 5.85 | 6.04 | 6.92 | 6.27 | 9.12 | ppb |
| Zirconium | 91-1 | 5.94 | 6.17 | 7.03 | 6.38 | 9.00 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38966.32 | 38362.74 | 38568.06 | 38632.37 | 0.79 | ppb |
| Antimony | 121-1 | 0.51 | 0.57 | 0.53 | 0.54 | 4.87 | ppb |
| Arsenic | 75-2 | 70.13 | 68.74 | 69.44 | 69.44 | 1.00 | ppb |
| Barium | 135-1 | 401.78 | 405.73 | 401.84 | 403.12 | 0.56 | ppb |
| Barium | 137-1 | 437.50 | 436.90 | 433.90 | 436.10 | 0.44 | ppb |
| Beryllium | 9-1 | 1.50 | 1.31 | 1.45 | 1.42 | 6.97 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.64 | 1.54 | 2.05 | 1.74 | 15.42 | ppb |
| Cadmium | 106-1 | 0.11 | 0.61 | 0.43 | 0.39 | 65.10 | ppb |
| Cadmium | 111-1 | 1.07 | 1.00 | 1.03 | 1.03 | 3.21 | ppb |
| Calcium | 43-1 | 16703.75 | 17178.81 | 16786.89 | 16889.82 | 1.50 | ppb |
| Calcium | 44-1 | 15716.50 | 16273.00 | 15866.14 | 15951.88 | 1.81 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86.38 | 87.37 | 87.36 | 87.03 | 0.65 | ppb |
| Cobalt | 59-2 | 48.46 | 48.26 | 48.29 | 48.34 | 0.22 | ppb |
| Copper | 63-2 | 207.43 | 208.83 | 207.27 | 207.85 | 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 | | | | 106 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 86269.09 | 86885.61 | 87367.56 | 86840.76 | 0.63 | ppb |
| Iron | 57-2 | 84993.36 | 86043.27 | 86300.45 | 85779.03 | 0.81 | ppb |
| Iron | 54-2 | 87067.86 | 87176.75 | 86335.57 | 86860.06 | 0.53 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.24 | 46.43 | 45.80 | 45.83 | 1.30 | ppb |
| Lead | 207-1 | 43.14 | 45.07 | 44.19 | 44.13 | 2.19 | ppb |
| Lead | 208-1 | 43.65 | 45.48 | 44.45 | 44.52 | 2.06 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 19272.11 | 19290.88 | 19548.38 | 19370.46 | 0.80 | ppb |
| Manganese | 55-2 | 1950.26 | 1935.30 | 1937.68 | 1941.08 | 0.41 | ppb |
| Molybdenum | 94-1 | 9.09 | 9.21 | 9.14 | 9.15 | 0.64 | ppb |
| Molybdenum | 95-1 | 1.20 | 1.19 | 1.21 | 1.20 | 0.83 | ppb |
| Molybdenum | 96-1 | 2.71 | 2.76 | 2.80 | 2.75 | 1.72 | ppb |
| Molybdenum | 97-1 | 1.17 | 1.21 | 1.20 | 1.19 | 1.81 | ppb |
| Molybdenum | 98-1 | 1.08 | 1.11 | 1.15 | 1.11 | 3.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 70.42 | 69.38 | 71.15 | 70.31 | 1.27 | ppb |
| Phosphorus | 31-2 | 2643.70 | 2630.85 | 2664.13 | 2646.23 | 0.63 | ppb |
| Potassium | 39-2 | 12759.92 | 12785.34 | 12876.43 | 12807.23 | 0.48 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 1.28 | 0.86 | 0.69 | 0.94 | 32.02 | ppb |
| Selenium | 77-2 | 19.82 | 18.44 | 17.26 | 18.50 | 6.93 | ppb |
| Selenium | 78-2 | 3.23 | 2.27 | 3.09 | 2.86 | 18.12 | ppb |
| Silicon | 28-1 | 1745.95 | 1786.96 | 1757.51 | 1763.47 | 1.20 | ppb |
| Silver | 107-1 | 0.64 | 0.68 | 0.67 | 0.66 | 3.41 | ppb |
| Silver | 109-1 | 0.67 | 0.67 | 0.64 | 0.66 | 2.43 | ppb |
| Sodium | 23-2 | 345.67 | 345.72 | 346.50 | 345.96 | 0.13 | ppb |
| Strontium | 86-1 | 80.55 | 82.58 | 81.74 | 81.62 | 1.25 | ppb |
| Strontium | 88-1 | 83.05 | 86.76 | 84.49 | 84.77 | 2.21 | ppb |
| Sulfur | 34-1 | -1755.57 | -1760.26 | -1785.94 | -1767.26 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.31 | 0.30 | 0.32 | 0.31 | 2.75 | ppb |
| Thallium | 205-1 | 0.30 | 0.31 | 0.31 | 0.30 | 1.94 | ppb |
| Tin | 118-1 | 2.24 | 2.31 | 2.28 | 2.28 | 1.43 | ppb |
| Titanium | 47-1 | 899.01 | 917.03 | 899.74 | 905.26 | 1.13 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.14 | 1.17 | 1.16 | 1.16 | 1.22 | ppb |
| Vanadium | 51-2 | 155.03 | 154.82 | 155.90 | 155.25 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 231.39 | 232.55 | 233.42 | 232.45 | 0.44 | ppb |
| Zirconium | 90-1 | 4.80 | 4.92 | 4.88 | 4.87 | 1.24 | ppb |
| Zirconium | 91-1 | 4.84 | 4.85 | 5.00 | 4.90 | 1.87 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 31239.09 | 30657.98 | 30942.07 | 30946.38 | 0.94 | ppb |
| Antimony | 121-1 | 1.25 | 1.29 | 1.30 | 1.28 | 2.31 | ppb |
| Arsenic | 75-2 | 75.87 | 77.16 | 74.73 | 75.92 | 1.60 | ppb |
| Barium | 135-1 | 387.98 | 389.93 | 394.98 | 390.96 | 0.92 | ppb |
| Barium | 137-1 | 420.11 | 429.93 | 435.24 | 428.43 | 1.79 | ppb |
| Beryllium | 9-1 | 1.25 | 1.19 | 1.25 | 1.23 | 2.64 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.25 | 1.14 | 1.37 | 1.25 | 9.18 | ppb |
| Cadmium | 106-1 | 0.32 | 0.21 | -0.23 | 0.10 | 296.48 | ppb |
| Cadmium | 111-1 | 0.56 | 0.56 | 0.43 | 0.52 | 14.70 | ppb |
| Calcium | 43-1 | 7170.58 | 7192.04 | 7291.44 | 7218.02 | 0.89 | ppb |
| Calcium | 44-1 | 6770.30 | 6780.57 | 6916.14 | 6822.33 | 1.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 64.33 | 63.85 | 63.91 | 64.03 | 0.41 | ppb |
| Cobalt | 59-2 | 37.89 | 37.78 | 38.50 | 38.06 | 1.02 | ppb |
| Copper | 63-2 | 121.10 | 120.29 | 120.47 | 120.62 | 0.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 74147.77 | 73803.20 | 73598.13 | 73849.70 | 0.38 | ppb |
| Iron | 57-2 | 72881.16 | 73381.29 | 73396.82 | 73219.76 | 0.40 | ppb |
| Iron | 54-2 | 74859.83 | 74108.80 | 73977.57 | 74315.40 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.67 | 27.03 | 27.06 | 26.92 | 0.81 | ppb |
| Lead | 207-1 | 25.82 | 26.12 | 26.31 | 26.08 | 0.95 | ppb |
| Lead | 208-1 | 26.09 | 26.32 | 26.56 | 26.32 | 0.91 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 14273.95 | 14128.36 | 14209.30 | 14203.87 | 0.51 | ppb |
| Manganese | 55-2 | 1867.30 | 1872.65 | 1863.44 | 1867.80 | 0.25 | ppb |
| Molybdenum | 94-1 | 15.57 | 15.10 | 15.64 | 15.43 | 1.89 | ppb |
| Molybdenum | 95-1 | 0.69 | 0.67 | 0.68 | 0.68 | 1.73 | ppb |
| Molybdenum | 96-1 | 2.90 | 2.82 | 2.82 | 2.85 | 1.74 | ppb |
| Molybdenum | 97-1 | 0.65 | 0.61 | 0.65 | 0.64 | 3.56 | ppb |
| Molybdenum | 98-1 | 0.61 | 0.59 | 0.63 | 0.61 | 3.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.94 | 68.45 | 69.24 | 69.21 | 1.08 | ppb |
| Phosphorus | 31-2 | 1512.34 | 1528.01 | 1518.07 | 1519.47 | 0.52 | ppb |
| Potassium | 39-2 | 6783.38 | 6728.72 | 6697.56 | 6736.56 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.06 | -0.12 | 0.11 | 0.01 | 810.95 | ppb |
| Selenium | 77-2 | 18.14 | 19.22 | 14.83 | 17.39 | 13.15 | ppb |
| Selenium | 78-2 | 1.77 | 2.57 | 3.31 | 2.55 | 30.25 | ppb |
| Silicon | 28-1 | 1743.24 | 1733.61 | 1746.20 | 1741.02 | 0.38 | ppb |
| Silver | 107-1 | 0.19 | 0.18 | 0.19 | 0.18 | 3.11 | ppb |
| Silver | 109-1 | 0.18 | 0.16 | 0.17 | 0.17 | 4.76 | ppb |
| Sodium | 23-2 | 90.15 | 90.60 | 88.66 | 89.80 | 1.13 | ppb |
| Strontium | 86-1 | 60.35 | 59.51 | 61.83 | 60.56 | 1.94 | ppb |
| Strontium | 88-1 | 62.15 | 61.38 | 63.03 | 62.19 | 1.33 | ppb |
| Sulfur | 34-1 | -1950.40 | -1983.99 | -1973.62 | -1969.34 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.27 | 0.27 | 0.26 | 0.27 | 2.16 | ppb |
| Thallium | 205-1 | 0.26 | 0.27 | 0.26 | 0.27 | 2.97 | ppb |
| Tin | 118-1 | 1.78 | 1.82 | 1.83 | 1.81 | 1.49 | ppb |
| Titanium | 47-1 | 702.38 | 704.03 | 712.77 | 706.39 | 0.79 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.90 | 0.92 | 0.93 | 0.91 | 1.79 | ppb |
| Vanadium | 51-2 | 132.73 | 132.41 | 132.20 | 132.45 | 0.20 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 152.77 | 153.19 | 152.83 | 152.93 | 0.15 | ppb |
| Zirconium | 90-1 | 8.83 | 8.87 | 9.04 | 8.91 | 1.27 | ppb |
| Zirconium | 91-1 | 8.95 | 8.85 | 9.17 | 8.99 | 1.80 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 53422.14 | 52988.35 | 53266.97 | 53225.82 | 0.41 | ppb |
| Antimony | 121-1 | 1.37 | 1.34 | 1.36 | 1.36 | 1.04 | ppb |
| Arsenic | 75-2 | 188.65 | 190.47 | 193.88 | 191.00 | 1.39 | ppb |
| Barium | 135-1 | 538.14 | 582.14 | 580.45 | 566.91 | 4.40 | ppb |
| Barium | 137-1 | 583.49 | 574.60 | 588.43 | 582.17 | 1.20 | ppb |
| Beryllium | 9-1 | 1.12 | 1.21 | 1.27 | 1.20 | 6.38 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.48 | 1.17 | 1.26 | 1.30 | 12.30 | ppb |
| Cadmium | 106-1 | 1.68 | 0.52 | 0.58 | 0.93 | 70.75 | ppb |
| Cadmium | 111-1 | 0.45 | 0.33 | 0.36 | 0.38 | 16.57 | ppb |
| Calcium | 43-1 | 143367.19 | 141757.92 | 143725.70 | 142950.27 | 0.73 | ppb |
| Calcium | 44-1 | 143933.03 | 143695.01 | 144543.49 | 144057.18 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 853.86 | 839.00 | 846.60 | 846.48 | 0.88 | ppb |
| Cobalt | 59-2 | 131.17 | 130.33 | 130.58 | 130.70 | 0.33 | ppb |
| Copper | 63-2 | 216.91 | 216.37 | 216.97 | 216.75 | 0.15 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 160363.34 | 156716.29 | 157320.69 | 158133.44 | 1.24 | ppb |
| Iron | 57-2 | 157179.83 | 157675.58 | 156226.74 | 157027.38 | 0.47 | ppb |
| Iron | 54-2 | 160130.58 | 158386.85 | 159748.08 | 159421.84 | 0.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8.48 | 8.72 | 8.49 | 8.56 | 1.63 | ppb |
| Lead | 207-1 | 8.27 | 8.41 | 8.34 | 8.34 | 0.82 | ppb |
| Lead | 208-1 | 8.33 | 8.47 | 8.39 | 8.40 | 0.82 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 56710.20 | 55930.94 | 56502.19 | 56381.11 | 0.72 | ppb |
| Manganese | 55-2 | 6603.80 | 6498.43 | 6573.57 | 6558.60 | 0.83 | ppb |
| Molybdenum | 94-1 | 10.85 | 11.04 | 11.09 | 10.99 | 1.13 | ppb |
| Molybdenum | 95-1 | 1.12 | 1.08 | 1.15 | 1.11 | 2.88 | ppb |
| Molybdenum | 96-1 | 3.46 | 3.45 | 3.42 | 3.44 | 0.64 | ppb |
| Molybdenum | 97-1 | 1.02 | 1.01 | 1.04 | 1.02 | 1.42 | ppb |
| Molybdenum | 98-1 | 0.97 | 0.95 | 0.96 | 0.96 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 525.47 | 520.35 | 523.13 | 522.98 | 0.49 | ppb |
| Phosphorus | 31-2 | 1185.26 | 1157.19 | 1179.05 | 1173.83 | 1.26 | ppb |
| Potassium | 39-2 | 995.51 | 989.82 | 993.23 | 992.85 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.62 | 0.98 | 0.38 | 0.66 | 45.71 | ppb |
| Selenium | 77-2 | 15.57 | 14.32 | 18.00 | 15.97 | 11.72 | ppb |
| Selenium | 78-2 | 2.24 | 1.67 | 1.84 | 1.92 | 15.25 | ppb |
| Silicon | 28-1 | 1637.74 | 1645.68 | 1638.73 | 1640.72 | 0.26 | ppb |
| Silver | 107-1 | 0.06 | 0.05 | 0.06 | 0.06 | 11.66 | ppb |
| Silver | 109-1 | 0.05 | 0.06 | 0.06 | 0.05 | 14.19 | ppb |
| Sodium | 23-2 | 166.79 | 165.67 | 168.81 | 167.09 | 0.95 | ppb |
| Strontium | 86-1 | 143.14 | 145.34 | 146.23 | 144.90 | 1.10 | ppb |
| Strontium | 88-1 | 149.03 | 149.37 | 152.41 | 150.27 | 1.24 | ppb |
| Sulfur | 34-1 | -1100.72 | -1151.31 | -1233.72 | -1161.92 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.20 | 0.23 | 0.23 | 0.22 | 5.89 | ppb |
| Thallium | 205-1 | 0.23 | 0.22 | 0.22 | 0.22 | 1.64 | ppb |
| Tin | 118-1 | 1.64 | 1.68 | 1.69 | 1.67 | 1.35 | ppb |
| Titanium | 47-1 | 1208.45 | 1206.31 | 1211.70 | 1208.82 | 0.22 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.75 | 0.77 | 0.75 | 1.90 | ppb |
| Vanadium | 51-2 | 394.24 | 399.29 | 401.24 | 398.26 | 0.91 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 193.61 | 192.21 | 195.32 | 193.71 | 0.81 | ppb |
| Zirconium | 90-1 | 5.88 | 5.98 | 6.01 | 5.96 | 1.13 | ppb |
| Zirconium | 91-1 | 6.05 | 6.12 | 6.16 | 6.11 | 0.85 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 43804.68 | 43626.36 | 43634.50 | 43688.51 | 0.23 | ppb |
| Antimony | 121-1 | 1.28 | 1.17 | 1.21 | 1.22 | 4.20 | ppb |
| Arsenic | 75-2 | 103.69 | 104.04 | 105.95 | 104.56 | 1.16 | ppb |
| Barium | 135-1 | 658.65 | 596.99 | 623.74 | 626.46 | 4.94 | ppb |
| Barium | 137-1 | 656.28 | 614.45 | 614.04 | 628.26 | 3.86 | ppb |
| Beryllium | 9-1 | 2.07 | 1.68 | 1.78 | 1.84 | 11.05 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.96 | 3.12 | 3.09 | 3.39 | 14.65 | ppb |
| Cadmium | 106-1 | 2.94 | 2.55 | 3.52 | 3.00 | 16.14 | ppb |
| Cadmium | 111-1 | 2.07 | 2.00 | 2.15 | 2.07 | 3.50 | ppb |
| Calcium | 43-1 | 12823.16 | 11746.65 | 12016.81 | 12195.54 | 4.59 | ppb |
| Calcium | 44-1 | 12080.03 | 11134.41 | 11224.07 | 11479.50 | 4.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 99.10 | 99.29 | 97.86 | 98.75 | 0.79 | ppb |
| Cobalt | 59-2 | 53.48 | 54.25 | 53.73 | 53.82 | 0.73 | ppb |
| Copper | 63-2 | 276.61 | 279.02 | 277.12 | 277.58 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 94638.05 | 94092.65 | 93230.68 | 93987.13 | 0.75 | ppb |
| Iron | 57-2 | 93807.07 | 93582.37 | 91988.38 | 93125.94 | 1.06 | ppb |
| Iron | 54-2 | 94155.55 | 94826.24 | 93085.18 | 94022.32 | 0.93 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 94.04 | 84.56 | 86.05 | 88.22 | 5.78 | ppb |
| Lead | 207-1 | 90.86 | 84.46 | 84.93 | 86.75 | 4.11 | ppb |
| Lead | 208-1 | 91.49 | 91.19 | 84.92 | 89.20 | 4.16 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 21795.36 | 21708.48 | 21862.87 | 21788.90 | 0.36 | ppb |
| Manganese | 55-2 | 3095.21 | 3102.21 | 3087.17 | 3094.87 | 0.24 | ppb |
| Molybdenum | 94-1 | 26.96 | 24.91 | 25.25 | 25.71 | 4.28 | ppb |
| Molybdenum | 95-1 | 1.15 | 0.97 | 1.04 | 1.05 | 8.53 | ppb |
| Molybdenum | 96-1 | 4.60 | 4.19 | 4.25 | 4.35 | 5.13 | ppb |
| Molybdenum | 97-1 | 1.02 | 0.97 | 1.00 | 1.00 | 2.77 | ppb |
| Molybdenum | 98-1 | 1.03 | 0.92 | 0.95 | 0.97 | 5.93 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 102.71 | 102.59 | 103.42 | 102.90 | 0.43 | ppb |
| Phosphorus | 31-2 | 2503.84 | 2504.68 | 2475.18 | 2494.57 | 0.67 | ppb |
| Potassium | 39-2 | 10932.12 | 11031.12 | 10902.35 | 10955.20 | 0.62 | ppb |
| Rhodium | 103-1 | | | | 89 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 1.00 | 0.77 | 0.59 | 0.79 | 25.54 | ppb |
| Selenium | 77-2 | 24.52 | 17.19 | 22.26 | 21.32 | 17.62 | ppb |
| Selenium | 78-2 | 3.83 | 4.10 | 2.84 | 3.59 | 18.54 | ppb |
| Silicon | 28-1 | 2171.81 | 2000.62 | 2055.18 | 2075.87 | 4.21 | ppb |
| Silver | 107-1 | 0.70 | 0.67 | 0.69 | 0.69 | 1.77 | ppb |
| Silver | 109-1 | 0.73 | 0.66 | 0.68 | 0.69 | 5.07 | ppb |
| Sodium | 23-2 | 153.63 | 153.37 | 152.43 | 153.14 | 0.41 | ppb |
| Strontium | 86-1 | 95.65 | 87.50 | 89.74 | 90.96 | 4.62 | ppb |
| Strontium | 88-1 | 98.35 | 91.19 | 92.23 | 93.92 | 4.12 | ppb |
| Sulfur | 34-1 | -1066.29 | -1486.91 | -1484.79 | -1346.00 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.53 | 0.51 | 0.51 | 0.52 | 2.38 | ppb |
| Thallium | 205-1 | 0.55 | 0.51 | 0.50 | 0.52 | 5.04 | ppb |
| Tin | 118-1 | 3.33 | 3.13 | 3.35 | 3.27 | 3.79 | ppb |
| Titanium | 47-1 | 980.34 | 901.19 | 928.79 | 936.77 | 4.29 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.41 | 1.29 | 1.30 | 1.33 | 5.34 | ppb |
| Vanadium | 51-2 | 173.44 | 175.44 | 172.44 | 173.77 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 327.81 | 330.17 | 325.90 | 327.96 | 0.65 | ppb |
| Zirconium | 90-1 | 15.57 | 14.31 | 14.56 | 14.81 | 4.50 | ppb |
| Zirconium | 91-1 | 15.72 | 14.47 | 14.43 | 14.87 | 4.94 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27236.26 | 31681.89 | 26611.85 | 28510.00 | 9.70 | ppb |
| Antimony | 121-1 | 1.65 | 1.70 | 1.66 | 1.67 | 1.54 | ppb |
| Arsenic | 75-2 | 82.61 | 95.72 | 82.03 | 86.79 | 8.92 | ppb |
| Barium | 135-1 | 358.18 | 362.59 | 357.34 | 359.37 | 0.79 | ppb |
| Barium | 137-1 | 389.35 | 394.69 | 385.97 | 390.00 | 1.13 | ppb |
| Beryllium | 9-1 | 1.03 | 1.13 | 1.12 | 1.09 | 4.73 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.37 | 1.95 | 2.62 | 2.31 | 14.67 | ppb |
| Cadmium | 106-1 | 1.68 | 0.70 | 0.73 | 1.04 | 53.86 | ppb |
| Cadmium | 111-1 | 1.61 | 1.59 | 1.64 | 1.61 | 1.58 | ppb |
| Calcium | 43-1 | 6449.95 | 6459.83 | 6582.31 | 6497.36 | 1.13 | ppb |
| Calcium | 44-1 | 6019.42 | 6106.40 | 6213.37 | 6113.06 | 1.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 65.44 | 77.26 | 64.13 | 68.94 | 10.49 | ppb |
| Cobalt | 59-2 | 37.57 | 43.67 | 36.47 | 39.23 | 9.88 | ppb |
| Copper | 63-2 | 198.17 | 232.53 | 196.24 | 208.98 | 9.77 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 69463.08 | 81306.79 | 68557.78 | 73109.22 | 9.73 | ppb |
| Iron | 57-2 | 69091.96 | 80301.10 | 67813.62 | 72402.22 | 9.49 | ppb |
| Iron | 54-2 | 69898.57 | 81666.45 | 68929.14 | 73498.05 | 9.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 65.52 | 65.11 | 65.94 | 65.52 | 0.64 | ppb |
| Lead | 207-1 | 65.10 | 64.99 | 65.59 | 65.23 | 0.49 | ppb |
| Lead | 208-1 | 64.86 | 64.67 | 65.40 | 64.98 | 0.58 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 14186.39 | 16640.67 | 14042.36 | 14956.47 | 9.76 | ppb |
| Manganese | 55-2 | 1827.99 | 2156.35 | 1832.65 | 1939.00 | 9.71 | ppb |
| Molybdenum | 94-1 | 14.12 | 14.20 | 14.47 | 14.26 | 1.26 | ppb |
| Molybdenum | 95-1 | 0.95 | 0.88 | 0.89 | 0.91 | 3.85 | ppb |
| Molybdenum | 96-1 | 2.88 | 2.94 | 2.88 | 2.90 | 1.18 | ppb |
| Molybdenum | 97-1 | 0.92 | 0.89 | 0.88 | 0.90 | 2.04 | ppb |
| Molybdenum | 98-1 | 0.82 | 0.80 | 0.88 | 0.84 | 5.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 68.59 | 80.71 | 67.54 | 72.28 | 10.13 | ppb |
| Phosphorus | 31-2 | 1562.84 | 1862.59 | 1538.44 | 1654.62 | 10.91 | ppb |
| Potassium | 39-2 | 6817.67 | 8053.08 | 6766.62 | 7212.46 | 10.10 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 0.95 | 0.97 | 0.78 | 0.90 | 11.65 | ppb |
| Selenium | 77-2 | 10.62 | 11.48 | 13.00 | 11.70 | 10.31 | ppb |
| Selenium | 78-2 | 2.73 | 5.08 | 1.91 | 3.24 | 50.76 | ppb |
| Silicon | 28-1 | 1934.39 | 1948.81 | 1978.93 | 1954.04 | 1.16 | ppb |
| Silver | 107-1 | 0.42 | 0.41 | 0.42 | 0.42 | 1.15 | ppb |
| Silver | 109-1 | 0.42 | 0.42 | 0.42 | 0.42 | 0.43 | ppb |
| Sodium | 23-2 | 103.84 | 128.52 | 101.13 | 111.16 | 13.57 | ppb |
| Strontium | 86-1 | 49.03 | 50.22 | 50.68 | 49.98 | 1.71 | ppb |
| Strontium | 88-1 | 50.66 | 51.54 | 51.95 | 51.38 | 1.29 | ppb |
| Sulfur | 34-1 | -1846.91 | -1919.38 | -1883.50 | -1883.26 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.28 | 0.28 | 0.27 | 0.28 | 0.95 | ppb |
| Thallium | 205-1 | 0.27 | 0.26 | 0.28 | 0.27 | 2.99 | ppb |
| Tin | 118-1 | 2.66 | 2.73 | 2.71 | 2.70 | 1.21 | ppb |
| Titanium | 47-1 | 659.71 | 668.70 | 677.48 | 668.63 | 1.33 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.75 | 0.75 | 0.76 | 0.75 | 0.94 | ppb |
| Vanadium | 51-2 | 126.35 | 149.10 | 123.75 | 133.07 | 10.48 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 273.43 | 321.45 | 269.71 | 288.20 | 10.01 | ppb |
| Zirconium | 90-1 | 7.96 | 8.16 | 8.23 | 8.12 | 1.69 | ppb |
| Zirconium | 91-1 | 8.05 | 8.30 | 8.34 | 8.23 | 1.91 | ppb |

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 57279.73 | 57993.35 | 57820.15 | 57697.75 | 0.65 | ppb |
| Antimony | 121-1 | 1.99 | 2.07 | 2.13 | 2.06 | 3.21 | ppb |
| Arsenic | 75-2 | 144.80 | 146.69 | 144.05 | 145.18 | 0.93 | ppb |
| Barium | 135-1 | 227.89 | 238.50 | 239.67 | 235.35 | 2.76 | ppb |
| Barium | 137-1 | 230.21 | 238.87 | 241.88 | 236.99 | 2.56 | ppb |
| Beryllium | 9-1 | 1.07 | 1.14 | 1.14 | 1.12 | 3.81 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.95 | 3.21 | 2.83 | 3.00 | 6.55 | ppb |
| Cadmium | 106-1 | 1.42 | 1.06 | 1.53 | 1.34 | 18.26 | ppb |
| Cadmium | 111-1 | 2.43 | 2.44 | 2.64 | 2.50 | 4.60 | ppb |
| Calcium | 43-1 | 18909.26 | 19635.07 | 19796.81 | 19447.05 | 2.43 | ppb |
| Calcium | 44-1 | 17881.18 | 18346.41 | 18592.86 | 18273.48 | 1.98 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 55.64 | 55.74 | 56.05 | 55.81 | 0.38 | ppb |
| Cobalt | 59-2 | 93.12 | 93.31 | 95.91 | 94.11 | 1.65 | ppb |
| Copper | 63-2 | 220.25 | 222.06 | 224.99 | 222.43 | 1.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 143437.62 | 144128.74 | 144695.27 | 144087.21 | 0.44 | ppb |
| Iron | 57-2 | 142295.71 | 141903.81 | 143889.53 | 142696.35 | 0.74 | ppb |
| Iron | 54-2 | 142292.90 | 142929.80 | 143331.49 | 142851.40 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31.76 | 33.25 | 33.04 | 32.68 | 2.47 | ppb |
| Lead | 207-1 | 31.07 | 32.28 | 32.01 | 31.79 | 2.00 | ppb |
| Lead | 208-1 | 30.87 | 32.37 | 32.34 | 31.86 | 2.69 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 24454.05 | 24717.64 | 24756.33 | 24642.67 | 0.67 | ppb |
| Manganese | 55-2 | 3712.89 | 3784.08 | 3827.76 | 3774.91 | 1.54 | ppb |
| Molybdenum | 94-1 | 5.39 | 5.82 | 5.71 | 5.64 | 3.96 | ppb |
| Molybdenum | 95-1 | 1.23 | 1.40 | 1.42 | 1.35 | 7.51 | ppb |
| Molybdenum | 96-1 | 2.90 | 3.09 | 3.08 | 3.02 | 3.53 | ppb |
| Molybdenum | 97-1 | 1.27 | 1.35 | 1.39 | 1.34 | 4.67 | ppb |
| Molybdenum | 98-1 | 1.19 | 1.26 | 1.27 | 1.24 | 3.43 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 45.18 | 45.89 | 46.74 | 45.94 | 1.70 | ppb |
| Phosphorus | 31-2 | 1348.88 | 1442.89 | 1403.26 | 1398.34 | 3.38 | ppb |
| Potassium | 39-2 | 2374.40 | 2381.56 | 2426.30 | 2394.09 | 1.17 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.13 | 0.53 | 0.15 | 0.27 | 84.22 | ppb |
| Selenium | 77-2 | 7.03 | 8.16 | 7.54 | 7.58 | 7.44 | ppb |
| Selenium | 78-2 | 1.84 | 2.20 | 1.77 | 1.94 | 11.94 | ppb |
| Silicon | 28-1 | 1796.71 | 1871.18 | 1881.89 | 1849.93 | 2.51 | ppb |
| Silver | 107-1 | 1.07 | 1.09 | 1.14 | 1.10 | 3.39 | ppb |
| Silver | 109-1 | 1.05 | 1.12 | 1.10 | 1.09 | 3.52 | ppb |
| Sodium | 23-2 | 619.72 | 620.54 | 626.19 | 622.15 | 0.57 | ppb |
| Strontium | 86-1 | 114.58 | 120.08 | 120.85 | 118.50 | 2.88 | ppb |
| Strontium | 88-1 | 118.55 | 122.76 | 125.69 | 122.33 | 2.93 | ppb |
| Sulfur | 34-1 | -2161.96 | -2025.59 | -1997.74 | -2061.77 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.18 | 0.20 | 0.21 | 0.20 | 7.09 | ppb |
| Thallium | 205-1 | 0.19 | 0.21 | 0.19 | 0.20 | 3.67 | ppb |
| Tin | 118-1 | 1.64 | 1.77 | 1.76 | 1.72 | 4.23 | ppb |
| Titanium | 47-1 | 1867.63 | 1946.79 | 1971.29 | 1928.57 | 2.81 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.47 | 0.48 | 0.48 | 0.48 | 1.10 | ppb |
| Vanadium | 51-2 | 236.81 | 238.30 | 238.65 | 237.92 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 564.81 | 566.47 | 574.27 | 568.52 | 0.89 | ppb |
| Zirconium | 90-1 | 2.57 | 2.82 | 2.72 | 2.70 | 4.61 | ppb |
| Zirconium | 91-1 | 2.69 | 2.66 | 2.84 | 2.73 | 3.42 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 33497.14 | 33801.01 | 33675.71 | 33657.95 | 0.45 | ppb |
| Antimony | 121-1 | 1.36 | 1.35 | 1.38 | 1.37 | 1.16 | ppb |
| Arsenic | 75-2 | 106.02 | 107.17 | 106.49 | 106.56 | 0.54 | ppb |
| Barium | 135-1 | 461.98 | 471.29 | 467.31 | 466.86 | 1.00 | ppb |
| Barium | 137-1 | 502.23 | 502.20 | 504.83 | 503.09 | 0.30 | ppb |
| Beryllium | 9-1 | 1.34 | 1.41 | 1.48 | 1.41 | 4.86 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.85 | 2.90 | 2.28 | 2.68 | 12.95 | ppb |
| Cadmium | 106-1 | 0.83 | 1.03 | 1.47 | 1.11 | 29.41 | ppb |
| Cadmium | 111-1 | 1.48 | 1.49 | 1.53 | 1.50 | 1.51 | ppb |
| Calcium | 43-1 | 7323.94 | 7531.03 | 7496.53 | 7450.50 | 1.49 | ppb |
| Calcium | 44-1 | 6936.79 | 6998.03 | 6993.62 | 6976.15 | 0.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 82.14 | 81.55 | 81.71 | 81.80 | 0.37 | ppb |
| Cobalt | 59-2 | 49.37 | 49.11 | 49.53 | 49.34 | 0.43 | ppb |
| Copper | 63-2 | 246.10 | 244.84 | 247.75 | 246.23 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 84144.78 | 83787.79 | 84530.15 | 84154.24 | 0.44 | ppb |
| Iron | 57-2 | 83735.09 | 83320.78 | 84655.69 | 83903.85 | 0.81 | ppb |
| Iron | 54-2 | 85015.11 | 84100.42 | 84567.76 | 84561.10 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 66.89 | 67.57 | 68.61 | 67.69 | 1.28 | ppb |
| Lead | 207-1 | 66.21 | 66.94 | 68.19 | 67.11 | 1.49 | ppb |
| Lead | 208-1 | 66.23 | 67.00 | 68.11 | 67.11 | 1.41 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 17998.23 | 18015.03 | 17947.91 | 17987.06 | 0.19 | ppb |
| Manganese | 55-2 | 2458.45 | 2458.79 | 2474.19 | 2463.81 | 0.36 | ppb |
| Molybdenum | 94-1 | 19.70 | 19.72 | 20.21 | 19.88 | 1.48 | ppb |
| Molybdenum | 95-1 | 0.94 | 0.88 | 0.98 | 0.93 | 5.79 | ppb |
| Molybdenum | 96-1 | 3.63 | 3.62 | 3.63 | 3.63 | 0.16 | ppb |
| Molybdenum | 97-1 | 0.92 | 0.92 | 0.92 | 0.92 | 0.18 | ppb |
| Molybdenum | 98-1 | 0.86 | 0.88 | 0.87 | 0.87 | 0.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.90 | 90.26 | 90.69 | 90.28 | 0.44 | ppb |
| Phosphorus | 31-2 | 1580.79 | 1614.27 | 1622.44 | 1605.83 | 1.37 | ppb |
| Potassium | 39-2 | 6898.53 | 6879.66 | 6835.76 | 6871.31 | 0.47 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.32 | 0.44 | 0.26 | 0.34 | 26.94 | ppb |
| Selenium | 77-2 | 14.02 | 17.74 | 17.41 | 16.39 | 12.56 | ppb |
| Selenium | 78-2 | 2.15 | 2.65 | 2.60 | 2.46 | 11.15 | ppb |
| Silicon | 28-1 | 1994.44 | 2024.25 | 2007.67 | 2008.78 | 0.74 | ppb |
| Silver | 107-1 | 0.46 | 0.47 | 0.47 | 0.47 | 1.47 | ppb |
| Silver | 109-1 | 0.47 | 0.46 | 0.45 | 0.46 | 2.35 | ppb |
| Sodium | 23-2 | 103.79 | 102.80 | 103.49 | 103.36 | 0.49 | ppb |
| Strontium | 86-1 | 60.34 | 60.34 | 61.10 | 60.59 | 0.73 | ppb |
| Strontium | 88-1 | 61.74 | 63.08 | 62.87 | 62.56 | 1.15 | ppb |
| Sulfur | 34-1 | -2010.31 | -2112.08 | -2115.20 | -2079.20 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.37 | 0.38 | 0.38 | 0.38 | 1.59 | ppb |
| Thallium | 205-1 | 0.37 | 0.38 | 0.38 | 0.37 | 0.84 | ppb |
| Tin | 118-1 | 2.37 | 2.44 | 2.37 | 2.39 | 1.63 | ppb |
| Titanium | 47-1 | 801.56 | 809.90 | 808.76 | 806.74 | 0.56 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.03 | 1.04 | 1.04 | 1.03 | 0.23 | ppb |
| Vanadium | 51-2 | 165.79 | 164.55 | 166.32 | 165.55 | 0.55 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 227.48 | 224.70 | 229.33 | 227.17 | 1.03 | ppb |
| Zirconium | 90-1 | 11.37 | 11.50 | 11.57 | 11.48 | 0.91 | ppb |
| Zirconium | 91-1 | 11.35 | 11.45 | 11.68 | 11.49 | 1.49 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8312.11 | 7483.87 | 7593.97 | 7796.65 | 5.77 | ppb |
| Antimony | 121-1 | 0.09 | 0.10 | 0.10 | 0.10 | 4.83 | ppb |
| Arsenic | 75-2 | 10.45 | 9.84 | 9.69 | 9.99 | 4.04 | ppb |
| Barium | 135-1 | 74.82 | 76.37 | 76.67 | 75.95 | 1.31 | ppb |
| Barium | 137-1 | 74.49 | 75.93 | 76.92 | 75.78 | 1.61 | ppb |
| Beryllium | 9-1 | 0.28 | 0.24 | 0.22 | 0.25 | 12.48 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.26 | 0.28 | 0.24 | 0.26 | 6.70 | ppb |
| Cadmium | 106-1 | -1.82 | -2.21 | -2.05 | -2.03 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.03 | -0.01 | -0.02 | | ppb |
| Calcium | 43-1 | 6319.27 | 6504.47 | 6503.41 | 6442.38 | 1.65 | ppb |
| Calcium | 44-1 | 5955.78 | 6119.86 | 6085.06 | 6053.57 | 1.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 18.51 | 16.85 | 17.00 | 17.46 | 5.26 | ppb |
| Cobalt | 59-2 | 10.71 | 9.64 | 9.81 | 10.05 | 5.73 | ppb |
| Copper | 63-2 | 33.35 | 30.07 | 30.35 | 31.26 | 5.82 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 19279.92 | 17131.49 | 17565.33 | 17992.25 | 6.31 | ppb |
| Iron | 57-2 | 19428.31 | 17150.24 | 17467.26 | 18015.27 | 6.85 | ppb |
| Iron | 54-2 | 19261.19 | 17026.31 | 17245.06 | 17844.19 | 6.90 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7.56 | 7.42 | 7.72 | 7.56 | 1.97 | ppb |
| Lead | 207-1 | 7.17 | 7.16 | 7.15 | 7.16 | 0.18 | ppb |
| Lead | 208-1 | 7.27 | 7.27 | 7.36 | 7.30 | 0.72 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 4482.47 | 4003.67 | 4073.58 | 4186.57 | 6.18 | ppb |
| Manganese | 55-2 | 580.79 | 516.19 | 525.00 | 540.66 | 6.48 | ppb |
| Molybdenum | 94-1 | 2.22 | 2.23 | 2.21 | 2.22 | 0.36 | ppb |
| Molybdenum | 95-1 | 0.22 | 0.21 | 0.20 | 0.21 | 3.05 | ppb |
| Molybdenum | 96-1 | 0.54 | 0.55 | 0.56 | 0.55 | 2.06 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.19 | 0.23 | 0.19 | 16.15 | ppb |
| Molybdenum | 98-1 | 0.17 | 0.18 | 0.19 | 0.18 | 7.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.56 | 14.14 | 14.01 | 14.57 | 5.88 | ppb |
| Phosphorus | 31-2 | 636.45 | 553.63 | 553.53 | 581.20 | 8.23 | ppb |
| Potassium | 39-2 | 2945.89 | 2515.92 | 2519.78 | 2660.53 | 9.29 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.24 | -0.27 | 0.12 | 0.03 | 808.27 | ppb |
| Selenium | 77-2 | 4.00 | 4.97 | 6.05 | 5.01 | 20.53 | ppb |
| Selenium | 78-2 | 0.96 | 1.27 | 0.05 | 0.76 | 82.92 | ppb |
| Silicon | 28-1 | 525.62 | 540.30 | 539.07 | 535.00 | 1.52 | ppb |
| Silver | 107-1 | 0.05 | 0.05 | 0.05 | 0.05 | 8.54 | ppb |
| Silver | 109-1 | 0.04 | 0.05 | 0.05 | 0.05 | 10.05 | ppb |
| Sodium | 23-2 | 101.28 | 89.43 | 90.45 | 93.72 | 7.01 | ppb |
| Strontium | 86-1 | 24.54 | 25.15 | 25.14 | 24.94 | 1.41 | ppb |
| Strontium | 88-1 | 24.60 | 24.95 | 25.01 | 24.85 | 0.90 | ppb |
| Sulfur | 34-1 | -1940.91 | -1902.98 | -1873.63 | -1905.84 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.04 | 0.04 | 12.04 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.05 | 0.04 | 4.25 | ppb |
| Tin | 118-1 | 0.40 | 0.46 | 0.45 | 0.44 | 6.98 | ppb |
| Titanium | 47-1 | 233.24 | 239.73 | 239.73 | 237.57 | 1.58 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.23 | 0.23 | 0.23 | 0.23 | 0.30 | ppb |
| Vanadium | 51-2 | 36.34 | 32.54 | 33.55 | 34.14 | 5.76 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 46.72 | 42.33 | 43.14 | 44.06 | 5.29 | ppb |
| Zirconium | 90-1 | 1.19 | 1.23 | 1.22 | 1.21 | 1.77 | ppb |
| Zirconium | 91-1 | 1.21 | 1.18 | 1.20 | 1.20 | 1.65 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7620.62 | 7433.59 | 7557.33 | 7537.18 | 1.26 | ppb |
| Antimony | 121-1 | 0.08 | 0.10 | 0.10 | 0.10 | 14.17 | ppb |
| Arsenic | 75-2 | 9.79 | 9.61 | 9.47 | 9.62 | 1.69 | ppb |
| Barium | 135-1 | 72.77 | 75.20 | 74.52 | 74.16 | 1.69 | ppb |
| Barium | 137-1 | 72.82 | 75.18 | 75.34 | 74.45 | 1.90 | ppb |
| Beryllium | 9-1 | 0.27 | 0.22 | 0.25 | 0.25 | 11.34 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.26 | 0.25 | 0.22 | 0.24 | 6.95 | ppb |
| Cadmium | 106-1 | -2.29 | -2.43 | -2.68 | -2.46 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.05 | -0.08 | -0.05 | | ppb |
| Calcium | 43-1 | 6154.85 | 6341.14 | 6302.65 | 6266.21 | 1.57 | ppb |
| Calcium | 44-1 | 5865.23 | 6028.98 | 5980.25 | 5958.15 | 1.41 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.82 | 16.93 | 16.71 | 16.82 | 0.65 | ppb |
| Cobalt | 59-2 | 9.75 | 9.76 | 9.75 | 9.76 | 0.04 | ppb |
| Copper | 63-2 | 29.89 | 30.08 | 30.02 | 29.99 | 0.32 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 17276.46 | 17309.32 | 17195.17 | 17260.32 | 0.34 | ppb |
| Iron | 57-2 | 16965.85 | 17218.84 | 17323.31 | 17169.33 | 1.07 | ppb |
| Iron | 54-2 | 17271.96 | 17472.31 | 17276.28 | 17340.18 | 0.66 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7.15 | 7.27 | 7.58 | 7.33 | 3.05 | ppb |
| Lead | 207-1 | 6.78 | 6.82 | 7.26 | 6.96 | 3.85 | ppb |
| Lead | 208-1 | 6.97 | 7.02 | 7.33 | 7.10 | 2.71 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 4048.01 | 4038.75 | 3996.46 | 4027.74 | 0.68 | ppb |
| Manganese | 55-2 | 519.82 | 518.69 | 520.86 | 519.79 | 0.21 | ppb |
| Molybdenum | 94-1 | 2.08 | 2.13 | 2.22 | 2.15 | 3.39 | ppb |
| Molybdenum | 95-1 | 0.16 | 0.19 | 0.21 | 0.19 | 11.86 | ppb |
| Molybdenum | 96-1 | 0.51 | 0.53 | 0.55 | 0.53 | 2.99 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.21 | 0.19 | 0.19 | 15.18 | ppb |
| Molybdenum | 98-1 | 0.18 | 0.16 | 0.19 | 0.18 | 7.13 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.34 | 14.27 | 14.13 | 14.25 | 0.73 | ppb |
| Phosphorus | 31-2 | 548.56 | 560.80 | 545.47 | 551.61 | 1.47 | ppb |
| Potassium | 39-2 | 2621.43 | 2706.92 | 2652.53 | 2660.30 | 1.63 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.43 | 0.50 | -0.07 | 0.00 | 25765.75 | ppb |
| Selenium | 77-2 | 3.85 | 3.72 | 3.21 | 3.59 | 9.36 | ppb |
| Selenium | 78-2 | 0.53 | 1.31 | -0.10 | 0.58 | 121.48 | ppb |
| Silicon | 28-1 | 507.89 | 524.49 | 527.95 | 520.11 | 2.06 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.05 | 0.05 | 3.70 | ppb |
| Silver | 109-1 | 0.05 | 0.05 | 0.06 | 0.05 | 13.50 | ppb |
| Sodium | 23-2 | 87.29 | 88.42 | 87.64 | 87.79 | 0.66 | ppb |
| Strontium | 86-1 | 24.00 | 24.85 | 24.58 | 24.48 | 1.79 | ppb |
| Strontium | 88-1 | 23.89 | 24.45 | 24.55 | 24.29 | 1.47 | ppb |
| Sulfur | 34-1 | -1798.20 | -1783.51 | -1708.76 | -1763.49 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.05 | 0.05 | 8.53 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 3.11 | ppb |
| Tin | 118-1 | 0.45 | 0.43 | 0.42 | 0.43 | 3.89 | ppb |
| Titanium | 47-1 | 228.08 | 233.92 | 233.55 | 231.85 | 1.41 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.22 | 0.23 | 0.23 | 0.23 | 3.11 | ppb |
| Vanadium | 51-2 | 33.23 | 33.21 | 33.43 | 33.29 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 42.92 | 43.05 | 42.69 | 42.89 | 0.43 | ppb |
| Zirconium | 90-1 | 1.15 | 1.18 | 1.20 | 1.18 | 2.25 | ppb |
| Zirconium | 91-1 | 1.10 | 1.20 | 1.20 | 1.17 | 5.02 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1387.70 | 1408.72 | 1380.96 | 1392.46 | 1.04 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 18.47 | ppb |
| Arsenic | 75-2 | 1.76 | 1.82 | 1.60 | 1.73 | 6.50 | ppb |
| Barium | 135-1 | 13.09 | 13.45 | 14.07 | 13.54 | 3.69 | ppb |
| Barium | 137-1 | 13.33 | 13.34 | 13.85 | 13.51 | 2.19 | ppb |
| Beryllium | 9-1 | 0.01 | 0.03 | 0.01 | 0.02 | 63.18 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.08 | 0.06 | 0.05 | 0.07 | 25.22 | ppb |
| Cadmium | 106-1 | -2.63 | -2.61 | -2.38 | -2.54 | | ppb |
| Cadmium | 111-1 | -0.16 | -0.18 | -0.14 | -0.16 | | ppb |
| Calcium | 43-1 | 1153.16 | 1134.66 | 1213.20 | 1167.01 | 3.52 | ppb |
| Calcium | 44-1 | 1154.26 | 1141.08 | 1181.75 | 1159.03 | 1.79 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.16 | 3.12 | 3.15 | 3.14 | 0.65 | ppb |
| Cobalt | 59-2 | 1.83 | 1.83 | 1.79 | 1.82 | 1.31 | ppb |
| Copper | 63-2 | 5.40 | 5.66 | 5.41 | 5.49 | 2.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 3165.59 | 3209.76 | 3147.79 | 3174.38 | 1.01 | ppb |
| Iron | 57-2 | 3171.41 | 3242.35 | 3208.45 | 3207.41 | 1.11 | ppb |
| Iron | 54-2 | 3272.65 | 3299.60 | 3240.70 | 3270.98 | 0.90 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.29 | 1.27 | 1.28 | 1.28 | 0.95 | ppb |
| Lead | 207-1 | 1.22 | 1.26 | 1.25 | 1.24 | 1.88 | ppb |
| Lead | 208-1 | 1.23 | 1.25 | 1.26 | 1.25 | 1.18 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 759.13 | 758.66 | 747.82 | 755.20 | 0.85 | ppb |
| Manganese | 55-2 | 94.96 | 95.12 | 93.56 | 94.55 | 0.91 | ppb |
| Molybdenum | 94-1 | 0.36 | 0.34 | 0.34 | 0.35 | 2.96 | ppb |
| Molybdenum | 95-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Molybdenum | 96-1 | 0.04 | 0.07 | 0.05 | 0.05 | 32.22 | ppb |
| Molybdenum | 97-1 | -0.02 | -0.02 | 0.00 | -0.01 | | ppb |
| Molybdenum | 98-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.86 | 2.61 | 2.58 | 2.68 | 5.57 | ppb |
| Phosphorus | 31-2 | 94.62 | 102.24 | 90.31 | 95.72 | 6.31 | ppb |
| Potassium | 39-2 | 479.25 | 485.66 | 473.28 | 479.40 | 1.29 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | -0.31 | -0.37 | -0.17 | -0.29 | | ppb |
| Selenium | 77-2 | 0.01 | 0.49 | 0.72 | 0.40 | 89.34 | ppb |
| Selenium | 78-2 | -1.29 | -0.63 | 0.41 | -0.50 | | ppb |
| Silicon | 28-1 | 95.95 | 95.48 | 100.01 | 97.15 | 2.56 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 102.57 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.00 | 0.00 | 62.38 | ppb |
| Sodium | 23-2 | 5.00 | 4.13 | 4.89 | 4.67 | 10.10 | ppb |
| Strontium | 86-1 | 4.27 | 4.53 | 4.48 | 4.43 | 3.09 | ppb |
| Strontium | 88-1 | 4.34 | 4.35 | 4.44 | 4.37 | 1.25 | ppb |
| Sulfur | 34-1 | -1860.05 | -1895.93 | -1755.28 | -1837.09 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | 0.05 | 0.05 | 0.07 | 0.06 | 20.98 | ppb |
| Titanium | 47-1 | 42.39 | 41.83 | 44.00 | 42.74 | 2.64 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.04 | 0.03 | 0.04 | 0.04 | 2.92 | ppb |
| Vanadium | 51-2 | 6.08 | 6.15 | 6.02 | 6.08 | 1.01 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 7.95 | 8.13 | 7.33 | 7.81 | 5.43 | ppb |
| Zirconium | 90-1 | 0.20 | 0.19 | 0.21 | 0.20 | 4.48 | ppb |
| Zirconium | 91-1 | 0.22 | 0.21 | 0.21 | 0.21 | 1.79 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7673.55 | 7810.91 | 7733.63 | 7739.36 | 0.89 | ppb |
| Antimony | 121-1 | 13.67 | 14.63 | 13.89 | 14.06 | 3.58 | ppb |
| Arsenic | 75-2 | 15.35 | 15.45 | 14.85 | 15.22 | 2.11 | ppb |
| Barium | 135-1 | 335.07 | 359.08 | 333.28 | 342.47 | 4.21 | ppb |
| Barium | 137-1 | 367.62 | 383.52 | 366.09 | 372.41 | 2.59 | ppb |
| Beryllium | 9-1 | 7.39 | 8.00 | 8.06 | 7.81 | 4.71 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.60 | 8.13 | 6.53 | 7.42 | 10.96 | ppb |
| Cadmium | 106-1 | 5.72 | 4.16 | 4.92 | 4.93 | 15.84 | ppb |
| Cadmium | 111-1 | 7.10 | 7.27 | 6.85 | 7.08 | 2.99 | ppb |
| Calcium | 43-1 | 6185.43 | 6635.71 | 6267.03 | 6362.72 | 3.77 | ppb |
| Calcium | 44-1 | 5862.81 | 6375.07 | 5873.24 | 6037.04 | 4.85 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.79 | 47.77 | 46.60 | 47.06 | 1.34 | ppb |
| Cobalt | 59-2 | 84.69 | 85.73 | 83.72 | 84.72 | 1.19 | ppb |
| Copper | 63-2 | 64.96 | 65.76 | 65.54 | 65.42 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 16992.46 | 17344.04 | 17265.73 | 17200.74 | 1.07 | ppb |
| Iron | 57-2 | 17013.57 | 17412.19 | 17525.35 | 17317.04 | 1.55 | ppb |
| Iron | 54-2 | 17447.92 | 17384.69 | 17380.46 | 17404.35 | 0.22 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9.54 | 10.63 | 9.56 | 9.91 | 6.27 | ppb |
| Lead | 207-1 | 9.10 | 10.18 | 9.19 | 9.49 | 6.30 | ppb |
| Lead | 208-1 | 9.24 | 10.30 | 9.32 | 9.62 | 6.15 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 4005.20 | 4059.13 | 4070.52 | 4044.95 | 0.86 | ppb |
| Manganese | 55-2 | 581.72 | 597.81 | 588.60 | 589.38 | 1.37 | ppb |
| Molybdenum | 94-1 | 2.05 | 2.28 | 2.09 | 2.14 | 5.72 | ppb |
| Molybdenum | 95-1 | 0.18 | 0.22 | 0.19 | 0.20 | 11.29 | ppb |
| Molybdenum | 96-1 | 0.51 | 0.54 | 0.56 | 0.54 | 4.42 | ppb |
| Molybdenum | 97-1 | 0.21 | 0.19 | 0.18 | 0.19 | 8.17 | ppb |
| Molybdenum | 98-1 | 0.17 | 0.19 | 0.17 | 0.17 | 7.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.09 | 90.44 | 87.26 | 88.93 | 1.79 | ppb |
| Phosphorus | 31-2 | 566.36 | 537.43 | 565.56 | 556.45 | 2.96 | ppb |
| Potassium | 39-2 | 2673.66 | 2682.33 | 2622.13 | 2659.38 | 1.22 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 13.65 | 15.34 | 14.08 | 14.36 | 6.11 | ppb |
| Selenium | 77-2 | 14.94 | 15.99 | 15.87 | 15.60 | 3.68 | ppb |
| Selenium | 78-2 | 12.83 | 13.68 | 13.89 | 13.47 | 4.18 | ppb |
| Silicon | 28-1 | 513.79 | 553.24 | 516.21 | 527.75 | 4.19 | ppb |
| Silver | 107-1 | 5.83 | 6.46 | 5.94 | 6.08 | 5.57 | ppb |
| Silver | 109-1 | 6.00 | 6.43 | 6.00 | 6.14 | 4.02 | ppb |
| Sodium | 23-2 | 83.85 | 85.79 | 85.40 | 85.01 | 1.20 | ppb |
| Strontium | 86-1 | 23.79 | 25.76 | 23.76 | 24.44 | 4.69 | ppb |
| Strontium | 88-1 | 23.71 | 25.76 | 23.75 | 24.41 | 4.80 | ppb |
| Sulfur | 34-1 | -1645.30 | -1522.46 | -1743.68 | -1637.15 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 6.03 | 6.55 | 6.05 | 6.21 | 4.75 | ppb |
| Thallium | 205-1 | 5.98 | 6.60 | 5.96 | 6.18 | 5.91 | ppb |
| Tin | 118-1 | 0.41 | 0.47 | 0.43 | 0.44 | 6.75 | ppb |
| Titanium | 47-1 | 226.76 | 247.16 | 229.77 | 234.56 | 4.69 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.22 | 0.25 | 0.22 | 0.23 | 5.74 | ppb |
| Vanadium | 51-2 | 107.43 | 108.11 | 105.87 | 107.14 | 1.07 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 115.42 | 117.05 | 115.87 | 116.11 | 0.72 | ppb |
| Zirconium | 90-1 | 1.14 | 1.24 | 1.14 | 1.17 | 4.71 | ppb |
| Zirconium | 91-1 | 1.19 | 1.36 | 1.07 | 1.21 | 12.34 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8434.12 | 8448.00 | 8424.75 | 8435.62 | 0.14 | ppb |
| Antimony | 121-1 | 65.28 | 66.32 | 66.63 | 66.08 | 1.07 | ppb |
| Arsenic | 75-2 | 36.70 | 36.39 | 36.06 | 36.38 | 0.87 | ppb |
| Barium | 135-1 | 1437.90 | 1468.97 | 1469.64 | 1458.84 | 1.24 | ppb |
| Barium | 137-1 | 1436.61 | 1466.35 | 1456.84 | 1453.27 | 1.04 | ppb |
| Beryllium | 9-1 | 35.49 | 36.21 | 36.24 | 35.98 | 1.17 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 31.36 | 31.02 | 31.91 | 31.43 | 1.43 | ppb |
| Cadmium | 106-1 | 29.00 | 28.03 | 29.89 | 28.98 | 3.22 | ppb |
| Cadmium | 111-1 | 33.19 | 33.76 | 33.95 | 33.63 | 1.18 | ppb |
| Calcium | 43-1 | 5978.06 | 6092.00 | 6208.47 | 6092.84 | 1.89 | ppb |
| Calcium | 44-1 | 5710.13 | 5772.41 | 5844.93 | 5775.82 | 1.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 162.24 | 162.28 | 161.85 | 162.12 | 0.15 | ppb |
| Cobalt | 59-2 | 384.91 | 378.55 | 376.89 | 380.12 | 1.11 | ppb |
| Copper | 63-2 | 197.68 | 198.79 | 196.62 | 197.70 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 17291.25 | 17261.88 | 17033.80 | 17195.65 | 0.82 | ppb |
| Iron | 57-2 | 17235.14 | 16975.41 | 16807.33 | 17005.96 | 1.27 | ppb |
| Iron | 54-2 | 17618.68 | 17323.71 | 17388.10 | 17443.50 | 0.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.90 | 19.05 | 19.49 | 19.15 | 1.58 | ppb |
| Lead | 207-1 | 18.33 | 18.50 | 18.73 | 18.52 | 1.08 | ppb |
| Lead | 208-1 | 18.55 | 18.78 | 18.91 | 18.75 | 0.96 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 3832.56 | 3861.00 | 3912.58 | 3868.71 | 1.05 | ppb |
| Manganese | 55-2 | 862.00 | 855.10 | 838.51 | 851.87 | 1.42 | ppb |
| Molybdenum | 94-1 | 2.07 | 2.01 | 2.13 | 2.07 | 2.92 | ppb |
| Molybdenum | 95-1 | 0.19 | 0.19 | 0.20 | 0.19 | 4.32 | ppb |
| Molybdenum | 96-1 | 0.52 | 0.50 | 0.56 | 0.53 | 5.24 | ppb |
| Molybdenum | 97-1 | 0.17 | 0.17 | 0.17 | 0.17 | 1.81 | ppb |
| Molybdenum | 98-1 | 0.17 | 0.17 | 0.18 | 0.17 | 3.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 372.66 | 372.31 | 374.10 | 373.02 | 0.25 | ppb |
| Phosphorus | 31-2 | 538.38 | 562.11 | 554.44 | 551.64 | 2.19 | ppb |
| Potassium | 39-2 | 2583.22 | 2556.41 | 2552.82 | 2564.15 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 75.53 | 77.62 | 79.32 | 77.49 | 2.45 | ppb |
| Selenium | 77-2 | 80.82 | 76.55 | 75.52 | 77.63 | 3.62 | ppb |
| Selenium | 78-2 | 82.04 | 79.17 | 78.91 | 80.04 | 2.17 | ppb |
| Silicon | 28-1 | 498.43 | 512.65 | 514.16 | 508.41 | 1.71 | ppb |
| Silver | 107-1 | 28.57 | 29.25 | 29.17 | 29.00 | 1.28 | ppb |
| Silver | 109-1 | 28.54 | 28.99 | 29.32 | 28.95 | 1.35 | ppb |
| Sodium | 23-2 | 82.40 | 84.27 | 83.58 | 83.42 | 1.13 | ppb |
| Strontium | 86-1 | 22.90 | 23.40 | 24.06 | 23.46 | 2.48 | ppb |
| Strontium | 88-1 | 22.96 | 23.32 | 23.66 | 23.31 | 1.50 | ppb |
| Sulfur | 34-1 | -1685.20 | -1662.84 | -1697.71 | -1681.92 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 29.20 | 29.54 | 29.58 | 29.44 | 0.72 | ppb |
| Thallium | 205-1 | 29.05 | 29.33 | 29.53 | 29.30 | 0.81 | ppb |
| Tin | 118-1 | 0.41 | 0.46 | 0.42 | 0.43 | 6.18 | ppb |
| Titanium | 47-1 | 222.85 | 226.67 | 228.49 | 226.00 | 1.27 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.22 | 0.23 | 0.22 | 0.22 | 2.03 | ppb |
| Vanadium | 51-2 | 386.92 | 380.53 | 382.32 | 383.25 | 0.86 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 394.31 | 392.69 | 388.87 | 391.96 | 0.71 | ppb |
| Zirconium | 90-1 | 1.10 | 1.13 | 1.15 | 1.12 | 2.38 | ppb |
| Zirconium | 91-1 | 1.17 | 1.17 | 1.15 | 1.16 | 0.98 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.07 | 4.01 | 4.43 | 3.84 | 18.17 | ppb |
| Antimony | 121-1 | 0.03 | 0.05 | 0.03 | 0.04 | 24.79 | ppb |
| Arsenic | 75-2 | 0.01 | -0.01 | 0.01 | 0.01 | 205.67 | ppb |
| Barium | 135-1 | 0.14 | 0.13 | 0.13 | 0.13 | 4.75 | ppb |
| Barium | 137-1 | 0.10 | 0.14 | 0.12 | 0.12 | 13.83 | ppb |
| Beryllium | 9-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.07 | 0.02 | 0.10 | 0.06 | 66.27 | ppb |
| Cadmium | 106-1 | -2.14 | -2.10 | -2.89 | -2.38 | | ppb |
| Cadmium | 111-1 | -0.16 | -0.15 | -0.21 | -0.17 | | ppb |
| Calcium | 43-1 | -0.43 | 3.55 | 3.00 | 2.04 | 105.94 | ppb |
| Calcium | 44-1 | -1.34 | 2.72 | -2.12 | -0.25 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.04 | 0.04 | 0.05 | 0.04 | 11.99 | ppb |
| Cobalt | 59-2 | 0.02 | 0.02 | 0.01 | 0.02 | 25.45 | ppb |
| Copper | 63-2 | -0.04 | -0.02 | -0.01 | -0.02 | | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 94 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 17.72 | 19.24 | 19.97 | 18.98 | 6.05 | ppb |
| Iron | 57-2 | 15.40 | 19.81 | 18.35 | 17.85 | 12.60 | ppb |
| Iron | 54-2 | 18.24 | 19.21 | 20.06 | 19.17 | 4.76 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | -0.05 | -0.04 | -0.04 | -0.04 | | ppb |
| Lead | 207-1 | -0.05 | -0.03 | -0.05 | -0.04 | | ppb |
| Lead | 208-1 | -0.05 | -0.04 | -0.05 | -0.04 | | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | -0.59 | -0.63 | -0.47 | -0.57 | | ppb |
| Manganese | 55-2 | 0.28 | 0.39 | 0.40 | 0.36 | 19.02 | ppb |
| Molybdenum | 94-1 | -0.07 | -0.06 | -0.04 | -0.06 | | ppb |
| Molybdenum | 95-1 | -0.05 | -0.05 | -0.05 | -0.05 | | ppb |
| Molybdenum | 96-1 | -0.06 | -0.05 | -0.06 | -0.06 | | ppb |
| Molybdenum | 97-1 | -0.06 | -0.04 | -0.06 | -0.05 | | ppb |
| Molybdenum | 98-1 | -0.06 | -0.05 | -0.06 | -0.06 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.07 | 0.09 | 0.07 | 0.08 | 14.29 | ppb |
| Phosphorus | 31-2 | -24.18 | -22.04 | -21.39 | -22.54 | | ppb |
| Potassium | 39-2 | -11.85 | -11.59 | -13.57 | -12.33 | | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 81 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | -0.38 | -0.38 | -0.50 | -0.42 | | ppb |
| Selenium | 77-2 | -0.22 | -0.22 | -0.22 | -0.22 | | ppb |
| Selenium | 78-2 | -1.24 | -1.86 | -1.05 | -1.39 | | ppb |
| Silicon | 28-1 | -0.14 | 2.94 | 0.24 | 1.01 | 165.82 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.01 | 0.01 | 40.16 | ppb |
| Silver | 109-1 | 0.03 | 0.02 | 0.01 | 0.02 | 38.65 | ppb |
| Sodium | 23-2 | -15.84 | -15.41 | -15.60 | -15.62 | | ppb |
| Strontium | 86-1 | -0.09 | -0.02 | -0.08 | -0.06 | | ppb |
| Strontium | 88-1 | -0.10 | -0.08 | -0.09 | -0.09 | | ppb |
| Sulfur | 34-1 | -1851.88 | -1128.81 | -1822.78 | -1601.16 | | ppb |
| Terbium | 159-1 | | | | 94 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | -0.01 | 0.04 | 0.01 | 0.01 | 173.34 | ppb |
| Titanium | 47-1 | 0.11 | 0.13 | 0.09 | 0.11 | 21.39 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.05 | 0.03 | 0.04 | 0.04 | 21.99 | ppb |
| Yttrium | 89-1 | | | | 87 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | -0.11 | 0.01 | 0.04 | -0.02 | | ppb |
| Zirconium | 90-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Zirconium | 91-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 37.78 | 38.34 | 39.24 | 38.45 | 1.91 | ppb |
| Antimony | 121-1 | 3.60 | 3.66 | 3.46 | 3.58 | 2.95 | ppb |
| Arsenic | 75-2 | 1.77 | 2.15 | 2.11 | 2.01 | 10.62 | ppb |
| Barium | 135-1 | 17.08 | 17.31 | 16.35 | 16.91 | 2.97 | ppb |
| Barium | 137-1 | 17.21 | 17.49 | 16.57 | 17.09 | 2.75 | ppb |
| Beryllium | 9-1 | 1.70 | 1.84 | 1.83 | 1.79 | 4.24 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.70 | 2.19 | 1.72 | 1.87 | 14.77 | ppb |
| Cadmium | 106-1 | -0.06 | -0.14 | -1.15 | -0.45 | | ppb |
| Cadmium | 111-1 | 1.55 | 1.51 | 1.54 | 1.54 | 1.51 | ppb |
| Calcium | 43-1 | 939.67 | 934.83 | 904.19 | 926.23 | 2.08 | ppb |
| Calcium | 44-1 | 938.41 | 949.84 | 905.91 | 931.39 | 2.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.04 | 4.00 | 4.18 | 4.08 | 2.32 | ppb |
| Cobalt | 59-2 | 2.05 | 2.05 | 1.99 | 2.03 | 1.67 | ppb |
| Copper | 63-2 | 3.86 | 4.03 | 3.92 | 3.94 | 2.22 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 423.45 | 424.89 | 421.40 | 423.25 | 0.41 | ppb |
| Iron | 57-2 | 428.34 | 432.62 | 431.73 | 430.90 | 0.52 | ppb |
| Iron | 54-2 | 444.36 | 434.76 | 444.96 | 441.36 | 1.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.52 | 1.63 | 1.50 | 1.55 | 4.67 | ppb |
| Lead | 207-1 | 1.57 | 1.60 | 1.45 | 1.54 | 4.95 | ppb |
| Lead | 208-1 | 1.55 | 1.60 | 1.48 | 1.54 | 3.76 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 996.72 | 1004.77 | 1004.95 | 1002.15 | 0.47 | ppb |
| Manganese | 55-2 | 2.31 | 2.17 | 2.11 | 2.20 | 4.83 | ppb |
| Molybdenum | 94-1 | 10.15 | 10.47 | 9.69 | 10.10 | 3.87 | ppb |
| Molybdenum | 95-1 | 8.47 | 8.50 | 8.00 | 8.32 | 3.35 | ppb |
| Molybdenum | 96-1 | 8.40 | 8.65 | 8.16 | 8.40 | 2.91 | ppb |
| Molybdenum | 97-1 | 8.38 | 8.61 | 8.16 | 8.38 | 2.70 | ppb |
| Molybdenum | 98-1 | 8.25 | 8.42 | 8.03 | 8.23 | 2.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.09 | 2.01 | 2.11 | 2.07 | 2.39 | ppb |
| Phosphorus | 31-2 | -21.54 | -20.43 | -23.48 | -21.82 | | ppb |
| Potassium | 39-2 | 967.78 | 969.97 | 970.02 | 969.26 | 0.13 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 9.63 | 9.49 | 8.63 | 9.25 | 5.83 | ppb |
| Selenium | 77-2 | 10.24 | 9.48 | 13.03 | 10.91 | 17.14 | ppb |
| Selenium | 78-2 | 8.90 | 7.70 | 7.40 | 8.00 | 9.91 | ppb |
| Silicon | 28-1 | 5.50 | 5.81 | 5.11 | 5.47 | 6.40 | ppb |
| Silver | 107-1 | 1.74 | 1.81 | 1.71 | 1.75 | 2.98 | ppb |
| Silver | 109-1 | 1.72 | 1.78 | 1.73 | 1.74 | 2.04 | ppb |
| Sodium | 23-2 | 926.77 | 928.45 | 931.39 | 928.87 | 0.25 | ppb |
| Strontium | 86-1 | 1.70 | 1.91 | 1.72 | 1.78 | 6.55 | ppb |
| Strontium | 88-1 | 1.74 | 1.81 | 1.70 | 1.75 | 3.33 | ppb |
| Sulfur | 34-1 | -1576.02 | -1464.28 | -1507.36 | -1515.89 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.53 | 1.60 | 1.49 | 1.54 | 3.65 | ppb |
| Thallium | 205-1 | 1.55 | 1.61 | 1.54 | 1.56 | 2.29 | ppb |
| Tin | 118-1 | 0.00 | 0.03 | 0.00 | 0.01 | 156.51 | ppb |
| Titanium | 47-1 | 8.86 | 8.74 | 8.50 | 8.70 | 2.12 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.52 | 1.54 | 1.48 | 1.51 | 2.08 | ppb |
| Vanadium | 51-2 | 9.67 | 9.93 | 9.90 | 9.83 | 1.45 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 9.68 | 9.60 | 10.14 | 9.81 | 2.95 | ppb |
| Zirconium | 90-1 | 1.86 | 1.91 | 1.80 | 1.86 | 2.78 | ppb |
| Zirconium | 91-1 | 1.91 | 1.97 | 1.77 | 1.88 | 5.30 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23.86 | 25.94 | 25.67 | 25.16 | 4.49 | ppb |
| Antimony | 121-1 | 1.76 | 1.77 | 1.80 | 1.78 | 1.13 | ppb |
| Arsenic | 75-2 | 1.03 | 0.90 | 1.16 | 1.03 | 12.65 | ppb |
| Barium | 135-1 | 8.43 | 8.59 | 8.55 | 8.52 | 0.97 | ppb |
| Barium | 137-1 | 8.48 | 8.64 | 8.70 | 8.60 | 1.33 | ppb |
| Beryllium | 9-1 | 0.92 | 0.90 | 0.98 | 0.93 | 4.53 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.08 | 1.02 | 0.77 | 0.95 | 17.26 | ppb |
| Cadmium | 106-1 | -1.07 | -1.16 | -1.36 | -1.20 | | ppb |
| Cadmium | 111-1 | 0.67 | 0.72 | 0.77 | 0.72 | 6.53 | ppb |
| Calcium | 43-1 | 452.33 | 459.46 | 464.20 | 458.66 | 1.30 | ppb |
| Calcium | 44-1 | 455.67 | 462.95 | 463.86 | 460.83 | 0.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.01 | 2.18 | 2.14 | 2.11 | 4.09 | ppb |
| Cobalt | 59-2 | 0.99 | 1.08 | 0.99 | 1.02 | 4.54 | ppb |
| Copper | 63-2 | 1.94 | 2.01 | 1.86 | 1.93 | 3.86 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 223.70 | 237.70 | 229.38 | 230.26 | 3.06 | ppb |
| Iron | 57-2 | 227.77 | 240.20 | 224.25 | 230.74 | 3.63 | ppb |
| Iron | 54-2 | 229.24 | 238.18 | 237.61 | 235.01 | 2.13 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.71 | 0.71 | 0.77 | 0.73 | 5.19 | ppb |
| Lead | 207-1 | 0.76 | 0.74 | 0.73 | 0.74 | 1.99 | ppb |
| Lead | 208-1 | 0.73 | 0.72 | 0.75 | 0.73 | 1.98 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 496.64 | 520.39 | 494.17 | 503.73 | 2.87 | ppb |
| Manganese | 55-2 | 1.26 | 1.29 | 1.45 | 1.33 | 7.83 | ppb |
| Molybdenum | 94-1 | 4.87 | 5.02 | 4.96 | 4.95 | 1.51 | ppb |
| Molybdenum | 95-1 | 3.93 | 4.18 | 4.26 | 4.12 | 4.22 | ppb |
| Molybdenum | 96-1 | 4.17 | 4.26 | 4.29 | 4.24 | 1.48 | ppb |
| Molybdenum | 97-1 | 4.00 | 4.14 | 4.23 | 4.12 | 2.76 | ppb |
| Molybdenum | 98-1 | 4.07 | 4.14 | 4.15 | 4.12 | 1.11 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.01 | 1.13 | 1.13 | 1.09 | 6.33 | ppb |
| Phosphorus | 31-2 | -23.68 | -18.98 | -19.68 | -20.78 | | ppb |
| Potassium | 39-2 | 474.19 | 507.83 | 474.54 | 485.52 | 3.98 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 4.53 | 4.41 | 4.09 | 4.35 | 5.21 | ppb |
| Selenium | 77-2 | 5.31 | 5.58 | 5.80 | 5.56 | 4.46 | ppb |
| Selenium | 78-2 | 5.68 | 5.31 | 5.26 | 5.42 | 4.20 | ppb |
| Silicon | 28-1 | 2.74 | 2.76 | 2.95 | 2.82 | 4.06 | ppb |
| Silver | 107-1 | 0.89 | 0.92 | 0.90 | 0.90 | 1.51 | ppb |
| Silver | 109-1 | 0.87 | 0.87 | 0.93 | 0.89 | 3.45 | ppb |
| Sodium | 23-2 | 452.08 | 479.55 | 449.45 | 460.36 | 3.62 | ppb |
| Strontium | 86-1 | 0.81 | 0.81 | 0.82 | 0.81 | 0.46 | ppb |
| Strontium | 88-1 | 0.80 | 0.82 | 0.81 | 0.81 | 1.26 | ppb |
| Sulfur | 34-1 | -1363.01 | -1371.92 | -1303.21 | -1346.05 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.77 | 0.76 | 0.78 | 0.77 | 1.39 | ppb |
| Thallium | 205-1 | 0.76 | 0.75 | 0.79 | 0.77 | 2.39 | ppb |
| Tin | 118-1 | -0.01 | 0.00 | 0.01 | 0.00 | | ppb |
| Titanium | 47-1 | 4.29 | 4.62 | 4.55 | 4.48 | 3.85 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.75 | 0.75 | 0.75 | 0.32 | ppb |
| Vanadium | 51-2 | 4.81 | 5.10 | 4.94 | 4.95 | 2.88 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 4.64 | 5.32 | 4.82 | 4.93 | 7.12 | ppb |
| Zirconium | 90-1 | 0.91 | 0.90 | 0.93 | 0.91 | 1.37 | ppb |
| Zirconium | 91-1 | 0.91 | 0.94 | 0.92 | 0.92 | 1.19 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 52193.49 | 52660.13 | 52755.76 | 52536.46 | 0.57 | ppb |
| Antimony | 121-1 | 2.52 | 2.52 | 2.53 | 2.52 | 0.30 | ppb |
| Arsenic | 75-2 | 156.70 | 160.34 | 157.88 | 158.31 | 1.17 | ppb |
| Barium | 135-1 | 786.41 | 796.54 | 792.63 | 791.86 | 0.65 | ppb |
| Barium | 137-1 | 779.47 | 793.96 | 793.50 | 788.97 | 1.04 | ppb |
| Beryllium | 9-1 | 2.08 | 2.18 | 2.45 | 2.24 | 8.63 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.16 | 3.95 | 4.63 | 4.25 | 8.19 | ppb |
| Cadmium | 106-1 | 3.31 | 2.48 | 3.82 | 3.20 | 21.22 | ppb |
| Cadmium | 111-1 | 2.89 | 2.95 | 3.05 | 2.96 | 2.84 | ppb |
| Calcium | 43-1 | 10379.32 | 10417.26 | 10620.81 | 10472.46 | 1.24 | ppb |
| Calcium | 44-1 | 9818.29 | 9987.48 | 9912.01 | 9905.93 | 0.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 129.77 | 129.59 | 130.64 | 130.00 | 0.43 | ppb |
| Cobalt | 59-2 | 76.56 | 77.12 | 76.71 | 76.80 | 0.38 | ppb |
| Copper | 63-2 | 390.48 | 395.27 | 395.83 | 393.86 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 137790.43 | 137927.88 | 137686.03 | 137801.45 | 0.09 | ppb |
| Iron | 57-2 | 135531.54 | 137146.82 | 137147.18 | 136608.51 | 0.68 | ppb |
| Iron | 54-2 | 137912.22 | 138148.54 | 138848.11 | 138302.96 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 103.54 | 105.02 | 107.87 | 105.48 | 2.09 | ppb |
| Lead | 207-1 | 103.44 | 104.05 | 108.45 | 105.31 | 2.60 | ppb |
| Lead | 208-1 | 112.62 | 112.62 | 117.67 | 114.30 | 2.55 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 27826.30 | 28375.07 | 27657.97 | 27953.11 | 1.34 | ppb |
| Manganese | 55-2 | 3733.94 | 3766.08 | 3739.21 | 3746.41 | 0.46 | ppb |
| Molybdenum | 94-1 | 27.14 | 27.89 | 27.77 | 27.60 | 1.47 | ppb |
| Molybdenum | 95-1 | 1.51 | 1.55 | 1.50 | 1.52 | 1.96 | ppb |
| Molybdenum | 96-1 | 5.20 | 5.31 | 5.29 | 5.27 | 1.07 | ppb |
| Molybdenum | 97-1 | 1.44 | 1.51 | 1.44 | 1.46 | 2.79 | ppb |
| Molybdenum | 98-1 | 1.36 | 1.36 | 1.37 | 1.36 | 0.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 135.01 | 136.71 | 135.75 | 135.82 | 0.63 | ppb |
| Phosphorus | 31-2 | 2435.24 | 2495.10 | 2484.54 | 2471.63 | 1.29 | ppb |
| Potassium | 39-2 | 11123.75 | 11066.82 | 10983.47 | 11058.01 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.88 | 1.39 | 1.40 | 1.22 | 24.42 | ppb |
| Selenium | 77-2 | 22.64 | 26.09 | 24.66 | 24.46 | 7.09 | ppb |
| Selenium | 78-2 | 5.95 | 7.09 | 4.70 | 5.91 | 20.22 | ppb |
| Silicon | 28-1 | 2335.62 | 2344.85 | 2355.74 | 2345.41 | 0.43 | ppb |
| Silver | 107-1 | 0.76 | 0.71 | 0.71 | 0.73 | 3.65 | ppb |
| Silver | 109-1 | 0.79 | 0.72 | 0.72 | 0.75 | 5.71 | ppb |
| Sodium | 23-2 | 150.25 | 152.29 | 153.85 | 152.13 | 1.19 | ppb |
| Strontium | 86-1 | 91.42 | 92.96 | 92.52 | 92.30 | 0.86 | ppb |
| Strontium | 88-1 | 94.65 | 95.11 | 95.87 | 95.21 | 0.65 | ppb |
| Sulfur | 34-1 | -1801.86 | -1822.89 | -1789.41 | -1804.72 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 5.82 | 6.04 | 6.18 | 6.01 | 2.99 | ppb |
| Thallium | 205-1 | 5.91 | 6.04 | 6.15 | 6.04 | 1.97 | ppb |
| Tin | 118-1 | 3.53 | 3.51 | 3.58 | 3.54 | 1.02 | ppb |
| Titanium | 47-1 | 1174.11 | 1294.40 | 1172.42 | 1213.64 | 5.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.54 | 1.58 | 1.63 | 1.59 | 2.87 | ppb |
| Vanadium | 51-2 | 257.35 | 259.46 | 259.37 | 258.73 | 0.46 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 374.44 | 372.94 | 375.46 | 374.28 | 0.34 | ppb |
| Zirconium | 90-1 | 15.57 | 15.78 | 15.79 | 15.71 | 0.80 | ppb |
| Zirconium | 91-1 | 15.62 | 16.09 | 15.85 | 15.85 | 1.51 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50505.02 | 50795.02 | 50355.76 | 50551.93 | 0.44 | ppb |
| Antimony | 121-1 | 2.42 | 2.42 | 2.90 | 2.58 | 10.69 | ppb |
| Arsenic | 75-2 | 155.98 | 152.82 | 155.79 | 154.86 | 1.14 | ppb |
| Barium | 135-1 | 744.39 | 745.67 | 881.14 | 790.40 | 9.94 | ppb |
| Barium | 137-1 | 758.42 | 744.33 | 882.54 | 795.10 | 9.57 | ppb |
| Beryllium | 9-1 | 2.00 | 2.05 | 2.32 | 2.12 | 8.09 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.41 | 3.98 | 5.40 | 4.26 | 23.97 | ppb |
| Cadmium | 106-1 | 2.77 | 2.84 | 3.57 | 3.06 | 14.44 | ppb |
| Cadmium | 111-1 | 2.74 | 2.68 | 3.29 | 2.90 | 11.51 | ppb |
| Calcium | 43-1 | 10078.42 | 10230.09 | 11481.53 | 10596.68 | 7.27 | ppb |
| Calcium | 44-1 | 9487.10 | 9557.13 | 10904.42 | 9982.88 | 8.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 124.37 | 125.13 | 124.56 | 124.69 | 0.31 | ppb |
| Cobalt | 59-2 | 74.25 | 74.04 | 73.91 | 74.07 | 0.23 | ppb |
| Copper | 63-2 | 377.65 | 382.40 | 377.15 | 379.07 | 0.76 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 131677.35 | 134053.42 | 132983.43 | 132904.73 | 0.90 | ppb |
| Iron | 57-2 | 131884.89 | 132641.98 | 130951.37 | 131826.08 | 0.64 | ppb |
| Iron | 54-2 | 133191.76 | 133464.98 | 133643.08 | 133433.27 | 0.17 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 100.88 | 103.11 | 118.04 | 107.35 | 8.69 | ppb |
| Lead | 207-1 | 100.11 | 103.05 | 117.55 | 106.91 | 8.73 | ppb |
| Lead | 208-1 | 109.35 | 110.89 | 127.56 | 115.93 | 8.71 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 26930.69 | 27199.10 | 26841.82 | 26990.54 | 0.69 | ppb |
| Manganese | 55-2 | 3590.27 | 3660.89 | 3624.14 | 3625.10 | 0.97 | ppb |
| Molybdenum | 94-1 | 26.66 | 26.75 | 30.60 | 28.00 | 8.04 | ppb |
| Molybdenum | 95-1 | 1.32 | 1.43 | 1.65 | 1.46 | 11.43 | ppb |
| Molybdenum | 96-1 | 5.02 | 5.23 | 5.82 | 5.36 | 7.72 | ppb |
| Molybdenum | 97-1 | 1.41 | 1.38 | 1.57 | 1.46 | 7.20 | ppb |
| Molybdenum | 98-1 | 1.31 | 1.35 | 1.53 | 1.39 | 8.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 130.66 | 131.91 | 129.72 | 130.76 | 0.84 | ppb |
| Phosphorus | 31-2 | 2387.62 | 2418.38 | 2396.40 | 2400.80 | 0.66 | ppb |
| Potassium | 39-2 | 10428.81 | 10646.27 | 10549.43 | 10541.50 | 1.03 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.97 | 0.70 | 1.88 | 1.19 | 52.38 | ppb |
| Selenium | 77-2 | 26.03 | 26.99 | 24.61 | 25.88 | 4.61 | ppb |
| Selenium | 78-2 | 5.07 | 5.40 | 5.93 | 5.47 | 7.94 | ppb |
| Silicon | 28-1 | 2322.52 | 2361.73 | 2646.30 | 2443.52 | 7.23 | ppb |
| Silver | 107-1 | 0.65 | 0.68 | 0.79 | 0.71 | 10.58 | ppb |
| Silver | 109-1 | 0.63 | 0.65 | 0.78 | 0.69 | 11.47 | ppb |
| Sodium | 23-2 | 146.81 | 151.40 | 148.03 | 148.74 | 1.60 | ppb |
| Strontium | 86-1 | 88.67 | 89.18 | 102.05 | 93.30 | 8.12 | ppb |
| Strontium | 88-1 | 92.04 | 92.61 | 105.46 | 96.70 | 7.84 | ppb |
| Sulfur | 34-1 | -1812.62 | -1781.58 | -1376.36 | -1656.85 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 5.14 | 5.41 | 6.07 | 5.54 | 8.59 | ppb |
| Thallium | 205-1 | 5.13 | 5.29 | 5.96 | 5.46 | 8.07 | ppb |
| Tin | 118-1 | 3.29 | 3.37 | 3.98 | 3.55 | 10.68 | ppb |
| Titanium | 47-1 | 1132.88 | 1151.16 | 1290.63 | 1191.56 | 7.24 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.52 | 1.57 | 1.79 | 1.63 | 8.59 | ppb |
| Vanadium | 51-2 | 250.40 | 249.87 | 249.87 | 250.05 | 0.12 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 356.98 | 362.87 | 358.51 | 359.45 | 0.85 | ppb |
| Zirconium | 90-1 | 15.12 | 15.38 | 18.04 | 16.18 | 9.99 | ppb |
| Zirconium | 91-1 | 15.14 | 15.28 | 17.76 | 16.06 | 9.19 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11132.61 | 10943.93 | 11172.80 | 11083.11 | 1.10 | ppb |
| Antimony | 121-1 | 0.49 | 0.48 | 0.47 | 0.48 | 2.58 | ppb |
| Arsenic | 75-2 | 33.56 | 33.49 | 33.67 | 33.57 | 0.26 | ppb |
| Barium | 135-1 | 141.41 | 141.07 | 140.16 | 140.88 | 0.46 | ppb |
| Barium | 137-1 | 142.47 | 141.56 | 140.59 | 141.54 | 0.66 | ppb |
| Beryllium | 9-1 | 0.40 | 0.42 | 0.41 | 0.41 | 3.03 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.69 | 0.72 | 0.86 | 0.76 | 11.72 | ppb |
| Cadmium | 106-1 | -0.86 | -1.47 | -1.14 | -1.16 | | ppb |
| Cadmium | 111-1 | 0.50 | 0.50 | 0.44 | 0.48 | 6.76 | ppb |
| Calcium | 43-1 | 2197.71 | 2163.42 | 2230.81 | 2197.31 | 1.53 | ppb |
| Calcium | 44-1 | 2200.52 | 2190.87 | 2221.50 | 2204.30 | 0.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.29 | 26.93 | 27.50 | 27.24 | 1.05 | ppb |
| Cobalt | 59-2 | 16.23 | 16.27 | 16.65 | 16.38 | 1.41 | ppb |
| Copper | 63-2 | 80.57 | 80.01 | 81.10 | 80.56 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 29191.50 | 29031.78 | 29192.31 | 29138.53 | 0.32 | ppb |
| Iron | 57-2 | 28871.42 | 29043.90 | 29022.90 | 28979.41 | 0.32 | ppb |
| Iron | 54-2 | 29383.97 | 28901.16 | 29319.31 | 29201.48 | 0.90 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20.55 | 20.43 | 20.22 | 20.40 | 0.81 | ppb |
| Lead | 207-1 | 20.01 | 20.33 | 20.54 | 20.29 | 1.32 | ppb |
| Lead | 208-1 | 20.21 | 20.22 | 20.15 | 20.19 | 0.20 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 5888.74 | 5873.49 | 5915.45 | 5892.56 | 0.36 | ppb |
| Manganese | 55-2 | 800.54 | 782.27 | 785.12 | 789.31 | 1.25 | ppb |
| Molybdenum | 94-1 | 5.72 | 5.70 | 5.82 | 5.75 | 1.16 | ppb |
| Molybdenum | 95-1 | 0.26 | 0.27 | 0.27 | 0.27 | 2.54 | ppb |
| Molybdenum | 96-1 | 1.04 | 1.03 | 1.07 | 1.05 | 1.95 | ppb |
| Molybdenum | 97-1 | 0.27 | 0.26 | 0.26 | 0.26 | 3.09 | ppb |
| Molybdenum | 98-1 | 0.24 | 0.24 | 0.25 | 0.24 | 3.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 29.81 | 28.73 | 29.43 | 29.32 | 1.86 | ppb |
| Phosphorus | 31-2 | 480.04 | 467.95 | 510.44 | 486.14 | 4.50 | ppb |
| Potassium | 39-2 | 2417.11 | 2372.87 | 2442.73 | 2410.90 | 1.47 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.16 | 0.27 | -0.09 | 0.11 | 163.55 | ppb |
| Selenium | 77-2 | 3.82 | 4.77 | 4.00 | 4.20 | 12.01 | ppb |
| Selenium | 78-2 | 0.63 | 0.69 | 0.25 | 0.52 | 45.46 | ppb |
| Silicon | 28-1 | 497.95 | 487.68 | 493.45 | 493.03 | 1.04 | ppb |
| Silver | 107-1 | 0.14 | 0.14 | 0.12 | 0.13 | 6.14 | ppb |
| Silver | 109-1 | 0.13 | 0.14 | 0.14 | 0.14 | 2.91 | ppb |
| Sodium | 23-2 | 21.20 | 20.67 | 21.40 | 21.09 | 1.79 | ppb |
| Strontium | 86-1 | 19.11 | 19.35 | 19.22 | 19.22 | 0.62 | ppb |
| Strontium | 88-1 | 18.94 | 19.24 | 19.39 | 19.19 | 1.21 | ppb |
| Sulfur | 34-1 | -1828.70 | -1883.51 | -1867.17 | -1859.79 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 1.14 | 1.14 | 1.14 | 1.14 | 0.05 | ppb |
| Thallium | 205-1 | 1.15 | 1.15 | 1.13 | 1.14 | 1.09 | ppb |
| Tin | 118-1 | 0.65 | 0.64 | 0.68 | 0.66 | 3.17 | ppb |
| Titanium | 47-1 | 244.34 | 242.66 | 247.17 | 244.73 | 0.93 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.31 | 0.31 | 0.29 | 0.30 | 3.38 | ppb |
| Vanadium | 51-2 | 54.32 | 53.18 | 54.23 | 53.91 | 1.18 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 82.08 | 81.61 | 83.00 | 82.23 | 0.86 | ppb |
| Zirconium | 90-1 | 3.31 | 3.29 | 3.30 | 3.30 | 0.44 | ppb |
| Zirconium | 91-1 | 3.27 | 3.31 | 3.28 | 3.29 | 0.73 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39162.28 | 39154.79 | 39390.48 | 39235.85 | 0.34 | ppb |
| Antimony | 121-1 | 54.21 | 55.49 | 55.85 | 55.18 | 1.56 | ppb |
| Arsenic | 75-2 | 137.82 | 138.16 | 139.18 | 138.39 | 0.51 | ppb |
| Barium | 135-1 | 1645.20 | 1689.55 | 1684.51 | 1673.08 | 1.45 | ppb |
| Barium | 137-1 | 1653.80 | 1694.10 | 1690.25 | 1679.38 | 1.32 | ppb |
| Beryllium | 9-1 | 30.99 | 30.47 | 31.04 | 30.83 | 1.01 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 27.50 | 29.40 | 26.81 | 27.90 | 4.81 | ppb |
| Cadmium | 106-1 | 24.73 | 25.93 | 25.62 | 25.43 | 2.46 | ppb |
| Cadmium | 111-1 | 28.03 | 28.72 | 29.40 | 28.72 | 2.38 | ppb |
| Calcium | 43-1 | 7634.14 | 7663.75 | 7756.03 | 7684.64 | 0.83 | ppb |
| Calcium | 44-1 | 7189.63 | 7129.84 | 7223.81 | 7181.09 | 0.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 209.33 | 209.78 | 210.42 | 209.84 | 0.26 | ppb |
| Cobalt | 59-2 | 352.96 | 349.57 | 354.75 | 352.43 | 0.75 | ppb |
| Copper | 63-2 | 432.07 | 435.29 | 431.08 | 432.81 | 0.51 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 101250.60 | 101588.56 | 102314.75 | 101717.97 | 0.53 | ppb |
| Iron | 57-2 | 100640.28 | 100935.66 | 101127.11 | 100901.01 | 0.24 | ppb |
| Iron | 54-2 | 101975.64 | 101881.45 | 101630.74 | 101829.28 | 0.18 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 83.68 | 84.04 | 85.70 | 84.47 | 1.27 | ppb |
| Lead | 207-1 | 83.34 | 84.43 | 86.40 | 84.73 | 1.83 | ppb |
| Lead | 208-1 | 83.05 | 91.75 | 93.13 | 89.31 | 6.12 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 20179.70 | 20259.66 | 20642.41 | 20360.59 | 1.21 | ppb |
| Manganese | 55-2 | 3006.65 | 3011.67 | 3016.62 | 3011.65 | 0.17 | ppb |
| Molybdenum | 94-1 | 19.69 | 20.38 | 20.11 | 20.06 | 1.74 | ppb |
| Molybdenum | 95-1 | 1.03 | 1.05 | 1.09 | 1.05 | 3.15 | ppb |
| Molybdenum | 96-1 | 3.74 | 3.85 | 3.82 | 3.81 | 1.45 | ppb |
| Molybdenum | 97-1 | 1.04 | 1.02 | 1.08 | 1.05 | 3.16 | ppb |
| Molybdenum | 98-1 | 0.97 | 1.00 | 1.02 | 1.00 | 2.55 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 377.39 | 378.82 | 379.72 | 378.64 | 0.31 | ppb |
| Phosphorus | 31-2 | 1784.27 | 1783.94 | 1783.80 | 1784.00 | 0.01 | ppb |
| Potassium | 39-2 | 7955.67 | 7913.79 | 8053.98 | 7974.48 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 53.62 | 53.70 | 55.39 | 54.24 | 1.84 | ppb |
| Selenium | 77-2 | 82.04 | 69.51 | 66.23 | 72.59 | 11.50 | ppb |
| Selenium | 78-2 | 58.51 | 54.75 | 56.68 | 56.65 | 3.32 | ppb |
| Silicon | 28-1 | 1732.77 | 1724.73 | 1753.03 | 1736.84 | 0.84 | ppb |
| Silver | 107-1 | 22.86 | 23.54 | 23.58 | 23.33 | 1.72 | ppb |
| Silver | 109-1 | 23.12 | 23.52 | 23.72 | 23.45 | 1.29 | ppb |
| Sodium | 23-2 | 107.41 | 108.01 | 109.94 | 108.45 | 1.22 | ppb |
| Strontium | 86-1 | 65.67 | 67.17 | 67.68 | 66.84 | 1.57 | ppb |
| Strontium | 88-1 | 68.97 | 69.13 | 69.71 | 69.27 | 0.56 | ppb |
| Sulfur | 34-1 | -1768.91 | -1765.29 | -1731.94 | -1755.38 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 28.39 | 28.39 | 28.87 | 28.55 | 0.97 | ppb |
| Thallium | 205-1 | 28.07 | 28.53 | 29.17 | 28.59 | 1.94 | ppb |
| Tin | 118-1 | 2.45 | 2.46 | 2.57 | 2.49 | 2.80 | ppb |
| Titanium | 47-1 | 853.60 | 849.57 | 865.73 | 856.30 | 0.98 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.12 | 1.11 | 1.14 | 1.13 | 1.35 | ppb |
| Vanadium | 51-2 | 462.32 | 464.14 | 472.26 | 466.24 | 1.13 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 548.34 | 551.72 | 554.26 | 551.44 | 0.54 | ppb |
| Zirconium | 90-1 | 11.28 | 11.47 | 11.56 | 11.44 | 1.24 | ppb |
| Zirconium | 91-1 | 11.39 | 11.40 | 11.68 | 11.49 | 1.40 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 42286.04 | 42541.08 | 42682.38 | 42503.17 | 0.47 | ppb |
| Antimony | 121-1 | 284.91 | 291.12 | 290.90 | 288.98 | 1.22 | ppb |
| Arsenic | 75-2 | 223.74 | 219.90 | 220.51 | 221.38 | 0.93 | ppb |
| Barium | 135-1 | 5892.17 | 6032.13 | 6036.46 | 5986.92 | 1.37 | ppb |
| Barium | 137-1 | 5988.33 | 6040.09 | 5983.93 | 6004.12 | 0.52 | ppb |
| Beryllium | 9-1 | 139.49 | 142.99 | 143.43 | 141.97 | 1.52 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 127.26 | 132.37 | 130.46 | 130.03 | 1.99 | ppb |
| Cadmium | 106-1 | 122.93 | 125.30 | 123.45 | 123.89 | 1.01 | ppb |
| Cadmium | 111-1 | 134.93 | 138.51 | 137.65 | 137.03 | 1.36 | ppb |
| Calcium | 43-1 | 7338.39 | 7532.88 | 7563.61 | 7478.30 | 1.63 | ppb |
| Calcium | 44-1 | 6951.24 | 7082.66 | 7064.72 | 7032.87 | 1.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 653.18 | 641.68 | 655.86 | 650.24 | 1.16 | ppb |
| Cobalt | 59-2 | 1485.08 | 1469.31 | 1501.58 | 1485.32 | 1.09 | ppb |
| Copper | 63-2 | 961.82 | 961.80 | 967.29 | 963.64 | 0.33 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 101789.71 | 101491.27 | 102624.14 | 101968.37 | 0.58 | ppb |
| Iron | 57-2 | 100955.34 | 100250.19 | 101975.61 | 101060.38 | 0.86 | ppb |
| Iron | 54-2 | 102306.91 | 101977.91 | 103351.70 | 102545.50 | 0.70 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 123.23 | 123.34 | 123.52 | 123.36 | 0.12 | ppb |
| Lead | 207-1 | 121.46 | 121.64 | 122.93 | 122.01 | 0.66 | ppb |
| Lead | 208-1 | 131.28 | 132.85 | 134.33 | 132.82 | 1.15 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 19789.44 | 19795.78 | 19959.25 | 19848.16 | 0.48 | ppb |
| Manganese | 55-2 | 4034.70 | 4053.58 | 4109.10 | 4065.79 | 0.95 | ppb |
| Molybdenum | 94-1 | 19.50 | 19.97 | 19.92 | 19.80 | 1.31 | ppb |
| Molybdenum | 95-1 | 1.07 | 1.05 | 1.09 | 1.07 | 1.74 | ppb |
| Molybdenum | 96-1 | 3.77 | 3.82 | 3.90 | 3.83 | 1.73 | ppb |
| Molybdenum | 97-1 | 1.04 | 1.04 | 1.04 | 1.04 | 0.24 | ppb |
| Molybdenum | 98-1 | 1.00 | 1.04 | 0.99 | 1.01 | 2.32 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1536.64 | 1532.31 | 1550.89 | 1539.94 | 0.63 | ppb |
| Phosphorus | 31-2 | 1758.25 | 1746.17 | 1764.65 | 1756.36 | 0.53 | ppb |
| Potassium | 39-2 | 7763.48 | 7759.46 | 7795.68 | 7772.87 | 0.26 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 293.15 | 299.09 | 299.85 | 297.37 | 1.23 | ppb |
| Selenium | 77-2 | 321.85 | 299.83 | 312.67 | 311.45 | 3.55 | ppb |
| Selenium | 78-2 | 296.51 | 296.57 | 289.76 | 294.28 | 1.33 | ppb |
| Silicon | 28-1 | 1673.88 | 1708.04 | 1717.74 | 1699.89 | 1.36 | ppb |
| Silver | 107-1 | 109.34 | 111.48 | 111.97 | 110.93 | 1.26 | ppb |
| Silver | 109-1 | 109.67 | 111.80 | 111.84 | 111.11 | 1.12 | ppb |
| Sodium | 23-2 | 106.83 | 105.42 | 107.10 | 106.45 | 0.84 | ppb |
| Strontium | 86-1 | 65.50 | 65.77 | 66.26 | 65.84 | 0.58 | ppb |
| Strontium | 88-1 | 68.14 | 68.16 | 68.38 | 68.23 | 0.19 | ppb |
| Sulfur | 34-1 | -1808.47 | -1758.08 | -1739.67 | -1768.74 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 127.92 | 127.54 | 129.11 | 128.19 | 0.64 | ppb |
| Thallium | 205-1 | 151.26 | 147.49 | 147.94 | 148.89 | 1.38 | ppb |
| Tin | 118-1 | 2.35 | 2.45 | 2.39 | 2.40 | 1.99 | ppb |
| Titanium | 47-1 | 824.15 | 839.32 | 841.83 | 835.10 | 1.15 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.10 | 1.09 | 1.11 | 1.10 | 0.83 | ppb |
| Vanadium | 51-2 | 1550.45 | 1529.29 | 1554.97 | 1544.90 | 0.89 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 1613.91 | 1608.37 | 1631.23 | 1617.84 | 0.74 | ppb |
| Zirconium | 90-1 | 11.09 | 11.28 | 11.36 | 11.24 | 1.23 | ppb |
| Zirconium | 91-1 | 11.30 | 11.36 | 11.54 | 11.40 | 1.07 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 40286.44 | 40083.51 | 39995.46 | 40121.80 | 0.37 | ppb |
| Antimony | 121-1 | 2.62 | 2.62 | 2.63 | 2.62 | 0.24 | ppb |
| Arsenic | 75-2 | 93.59 | 96.72 | 95.49 | 95.26 | 1.66 | ppb |
| Barium | 135-1 | 442.47 | 442.05 | 450.09 | 444.87 | 1.02 | ppb |
| Barium | 137-1 | 482.34 | 482.99 | 485.11 | 483.48 | 0.30 | ppb |
| Beryllium | 9-1 | 1.69 | 1.52 | 1.62 | 1.61 | 5.23 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.96 | 2.42 | 2.83 | 2.74 | 10.25 | ppb |
| Cadmium | 106-1 | 1.38 | 1.40 | 1.60 | 1.46 | 8.35 | ppb |
| Cadmium | 111-1 | 1.25 | 1.20 | 1.24 | 1.23 | 2.10 | ppb |
| Calcium | 43-1 | 9907.30 | 9749.26 | 9653.15 | 9769.90 | 1.31 | ppb |
| Calcium | 44-1 | 9333.75 | 9200.12 | 9179.78 | 9237.89 | 0.91 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 97.28 | 96.63 | 96.83 | 96.91 | 0.35 | ppb |
| Cobalt | 59-2 | 46.06 | 46.23 | 45.85 | 46.05 | 0.42 | ppb |
| Copper | 63-2 | 198.80 | 200.06 | 198.98 | 199.28 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 91873.60 | 91681.96 | 91583.81 | 91713.12 | 0.16 | ppb |
| Iron | 57-2 | 90877.23 | 90568.68 | 90345.00 | 90596.97 | 0.29 | ppb |
| Iron | 54-2 | 91767.02 | 91810.90 | 91755.39 | 91777.77 | 0.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 52.90 | 52.53 | 52.70 | 52.71 | 0.36 | ppb |
| Lead | 207-1 | 52.08 | 51.43 | 51.89 | 51.80 | 0.64 | ppb |
| Lead | 208-1 | 51.94 | 51.34 | 52.01 | 51.77 | 0.71 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 17733.21 | 17783.20 | 17823.62 | 17780.01 | 0.25 | ppb |
| Manganese | 55-2 | 2236.05 | 2223.75 | 2213.43 | 2224.41 | 0.51 | ppb |
| Molybdenum | 94-1 | 29.17 | 29.12 | 29.31 | 29.20 | 0.34 | ppb |
| Molybdenum | 95-1 | 1.14 | 1.17 | 1.15 | 1.16 | 1.24 | ppb |
| Molybdenum | 96-1 | 4.86 | 4.78 | 4.85 | 4.83 | 0.85 | ppb |
| Molybdenum | 97-1 | 1.11 | 1.19 | 1.13 | 1.15 | 3.82 | ppb |
| Molybdenum | 98-1 | 1.10 | 1.11 | 1.11 | 1.11 | 0.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 91.79 | 91.44 | 91.60 | 91.61 | 0.19 | ppb |
| Phosphorus | 31-2 | 2052.62 | 2082.55 | 2085.40 | 2073.52 | 0.88 | ppb |
| Potassium | 39-2 | 9875.86 | 9797.36 | 9792.54 | 9821.92 | 0.48 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.61 | 0.71 | 0.21 | 0.51 | 51.97 | ppb |
| Selenium | 77-2 | 20.49 | 23.02 | 19.35 | 20.95 | 8.96 | ppb |
| Selenium | 78-2 | 3.90 | 4.15 | 2.32 | 3.46 | 28.61 | ppb |
| Silicon | 28-1 | 1167.02 | 1134.25 | 1143.87 | 1148.38 | 1.47 | ppb |
| Silver | 107-1 | 0.50 | 0.44 | 0.43 | 0.46 | 8.08 | ppb |
| Silver | 109-1 | 0.49 | 0.47 | 0.42 | 0.46 | 7.67 | ppb |
| Sodium | 23-2 | 153.59 | 154.93 | 152.97 | 153.83 | 0.65 | ppb |
| Strontium | 86-1 | 82.30 | 82.30 | 83.81 | 82.80 | 1.05 | ppb |
| Strontium | 88-1 | 85.79 | 86.68 | 86.02 | 86.16 | 0.54 | ppb |
| Sulfur | 34-1 | -1418.64 | -1478.51 | -1447.97 | -1448.37 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.42 | 0.39 | 0.38 | 0.40 | 6.23 | ppb |
| Thallium | 205-1 | 0.39 | 0.39 | 0.39 | 0.39 | 1.30 | ppb |
| Tin | 118-1 | 2.91 | 3.01 | 3.04 | 2.98 | 2.28 | ppb |
| Titanium | 47-1 | 1106.98 | 1086.10 | 1094.05 | 1095.71 | 0.96 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.28 | 1.28 | 1.27 | 1.27 | 0.62 | ppb |
| Vanadium | 51-2 | 164.80 | 165.05 | 165.04 | 164.96 | 0.09 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 263.40 | 264.90 | 262.99 | 263.76 | 0.38 | ppb |
| Zirconium | 90-1 | 16.65 | 16.81 | 16.86 | 16.77 | 0.65 | ppb |
| Zirconium | 91-1 | 16.94 | 17.01 | 16.92 | 16.96 | 0.29 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 40433.32 | 40159.62 | 39681.30 | 40091.41 | 0.95 | ppb |
| Antimony | 121-1 | 2.50 | 2.58 | 2.53 | 2.54 | 1.59 | ppb |
| Arsenic | 75-2 | 96.25 | 98.01 | 97.16 | 97.14 | 0.90 | ppb |
| Barium | 135-1 | 445.49 | 454.94 | 454.90 | 451.78 | 1.20 | ppb |
| Barium | 137-1 | 480.26 | 494.89 | 495.90 | 490.35 | 1.79 | ppb |
| Beryllium | 9-1 | 1.50 | 1.53 | 1.77 | 1.60 | 9.02 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.69 | 3.13 | 3.22 | 3.01 | 9.38 | ppb |
| Cadmium | 106-1 | 2.55 | 2.33 | 1.34 | 2.07 | 31.09 | ppb |
| Cadmium | 111-1 | 1.35 | 1.29 | 1.33 | 1.32 | 2.12 | ppb |
| Calcium | 43-1 | 9695.38 | 9761.37 | 9860.60 | 9772.45 | 0.85 | ppb |
| Calcium | 44-1 | 9106.42 | 9276.14 | 9334.88 | 9239.15 | 1.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 98.42 | 98.48 | 97.28 | 98.06 | 0.68 | ppb |
| Cobalt | 59-2 | 46.35 | 46.38 | 45.77 | 46.17 | 0.75 | ppb |
| Copper | 63-2 | 202.83 | 200.33 | 198.72 | 200.63 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 93411.13 | 92756.92 | 91864.14 | 92677.40 | 0.84 | ppb |
| Iron | 57-2 | 92558.24 | 92178.12 | 91405.56 | 92047.31 | 0.64 | ppb |
| Iron | 54-2 | 93136.36 | 92783.27 | 91810.84 | 92576.82 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 51.41 | 53.31 | 53.99 | 52.90 | 2.53 | ppb |
| Lead | 207-1 | 50.46 | 51.73 | 52.96 | 51.72 | 2.42 | ppb |
| Lead | 208-1 | 51.08 | 52.35 | 53.01 | 52.14 | 1.88 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 17947.46 | 17979.84 | 17839.73 | 17922.34 | 0.41 | ppb |
| Manganese | 55-2 | 2281.39 | 2291.32 | 2256.29 | 2276.34 | 0.79 | ppb |
| Molybdenum | 94-1 | 28.45 | 29.08 | 29.62 | 29.05 | 2.02 | ppb |
| Molybdenum | 95-1 | 1.14 | 1.17 | 1.18 | 1.16 | 1.87 | ppb |
| Molybdenum | 96-1 | 4.79 | 4.76 | 4.85 | 4.80 | 1.05 | ppb |
| Molybdenum | 97-1 | 1.17 | 1.18 | 1.22 | 1.19 | 2.36 | ppb |
| Molybdenum | 98-1 | 1.11 | 1.12 | 1.12 | 1.12 | 0.82 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 92.30 | 92.59 | 90.98 | 91.95 | 0.93 | ppb |
| Phosphorus | 31-2 | 2062.17 | 2128.60 | 2056.33 | 2082.37 | 1.93 | ppb |
| Potassium | 39-2 | 9762.25 | 9900.14 | 9776.13 | 9812.84 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.69 | 0.47 | 1.09 | 0.75 | 41.93 | ppb |
| Selenium | 77-2 | 16.93 | 21.01 | 22.26 | 20.06 | 13.90 | ppb |
| Selenium | 78-2 | 2.93 | 2.20 | 3.88 | 3.00 | 28.08 | ppb |
| Silicon | 28-1 | 1113.42 | 1134.86 | 1152.31 | 1133.53 | 1.72 | ppb |
| Silver | 107-1 | 0.41 | 0.42 | 0.41 | 0.41 | 0.83 | ppb |
| Silver | 109-1 | 0.42 | 0.43 | 0.41 | 0.42 | 3.19 | ppb |
| Sodium | 23-2 | 153.68 | 152.70 | 152.34 | 152.90 | 0.46 | ppb |
| Strontium | 86-1 | 81.22 | 83.26 | 83.70 | 82.72 | 1.60 | ppb |
| Strontium | 88-1 | 85.24 | 86.48 | 86.14 | 85.95 | 0.75 | ppb |
| Sulfur | 34-1 | -1432.61 | -1419.05 | -1473.10 | -1441.59 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.39 | 0.39 | 0.37 | 0.38 | 2.87 | ppb |
| Thallium | 205-1 | 0.40 | 0.39 | 0.40 | 0.40 | 1.78 | ppb |
| Tin | 118-1 | 2.86 | 2.98 | 2.99 | 2.94 | 2.39 | ppb |
| Titanium | 47-1 | 1082.76 | 1095.99 | 1102.03 | 1093.59 | 0.90 | ppb |

Reviewed By:mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.24 | 1.28 | 1.30 | 1.27 | 2.30 | ppb |
| Vanadium | 51-2 | 167.39 | 166.17 | 164.10 | 165.89 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 265.37 | 266.88 | 261.51 | 264.58 | 1.05 | ppb |
| Zirconium | 90-1 | 16.57 | 16.82 | 17.02 | 16.80 | 1.32 | ppb |
| Zirconium | 91-1 | 16.57 | 16.84 | 17.37 | 16.93 | 2.40 | ppb |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 53334.84 | 47152.92 | 46696.08 | 49061.28 | 7.56 | ppb |
| Antimony | 121-1 | 478.90 | 483.99 | 480.29 | 481.06 | 0.55 | ppb |
| Arsenic | 75-2 | 565.55 | 492.33 | 504.67 | 520.85 | 7.53 | ppb |
| Barium | 135-1 | 2437.01 | 2459.43 | 2406.53 | 2434.32 | 1.09 | ppb |
| Barium | 137-1 | 2436.52 | 2454.99 | 2408.49 | 2433.34 | 0.96 | ppb |
| Beryllium | 9-1 | 492.51 | 497.87 | 493.34 | 494.58 | 0.58 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 486.06 | 493.34 | 485.23 | 488.21 | 0.91 | ppb |
| Cadmium | 106-1 | 483.46 | 490.19 | 482.28 | 485.31 | 0.88 | ppb |
| Cadmium | 111-1 | 464.12 | 464.58 | 458.65 | 462.45 | 0.71 | ppb |
| Calcium | 43-1 | 242381.53 | 248837.44 | 251714.74 | 247644.57 | 1.93 | ppb |
| Calcium | 44-1 | 239023.21 | 244547.97 | 245536.74 | 243035.97 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 560.85 | 496.30 | 500.00 | 519.05 | 6.98 | ppb |
| Cobalt | 59-2 | 599.95 | 526.36 | 521.73 | 549.35 | 7.99 | ppb |
| Copper | 63-2 | 5737.80 | 5051.90 | 5053.70 | 5281.13 | 7.49 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 143533.17 | 125699.72 | 125161.42 | 131464.77 | 7.95 | ppb |
| Iron | 57-2 | 144566.16 | 126135.87 | 126361.87 | 132354.63 | 7.99 | ppb |
| Iron | 54-2 | 144947.94 | 126491.58 | 127253.93 | 132897.82 | 7.86 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2522.38 | 2516.41 | 2548.28 | 2529.02 | 0.67 | ppb |
| Lead | 207-1 | 2513.54 | 2534.31 | 2518.34 | 2522.06 | 0.43 | ppb |
| Lead | 208-1 | 2506.57 | 2520.19 | 2523.55 | 2516.77 | 0.36 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 270238.82 | 239201.14 | 236237.45 | 248559.14 | 7.58 | ppb |
| Manganese | 55-2 | 5639.74 | 4892.15 | 4943.52 | 5158.47 | 8.10 | ppb |
| Molybdenum | 94-1 | 5014.58 | 5051.04 | 5074.55 | 5046.72 | 0.60 | ppb |
| Molybdenum | 95-1 | 5004.19 | 4997.74 | 5007.42 | 5003.11 | 0.10 | ppb |
| Molybdenum | 96-1 | 4990.98 | 4962.81 | 5040.81 | 4998.20 | 0.79 | ppb |
| Molybdenum | 97-1 | 5027.60 | 5026.47 | 5086.86 | 5046.98 | 0.68 | ppb |
| Molybdenum | 98-1 | 4993.55 | 5011.92 | 5053.35 | 5019.61 | 0.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 554.01 | 488.56 | 487.06 | 509.87 | 7.50 | ppb |
| Phosphorus | 31-2 | 10838.00 | 9601.54 | 9623.68 | 10021.07 | 7.06 | ppb |
| Potassium | 39-2 | 133960.55 | 117895.86 | 117686.47 | 123180.96 | 7.58 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 88 | | % |
| Scandium | 45-1 | | | | 82 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 497.11 | 497.25 | 505.90 | 500.09 | 1.01 | ppb |
| Selenium | 77-2 | 544.53 | 474.44 | 479.71 | 499.56 | 7.81 | ppb |
| Selenium | 78-2 | 563.09 | 477.94 | 493.43 | 511.49 | 8.87 | ppb |
| Silicon | 28-1 | 2754.92 | 2829.04 | 2836.92 | 2806.96 | 1.61 | ppb |
| Silver | 107-1 | 484.89 | 486.45 | 484.60 | 485.32 | 0.21 | ppb |
| Silver | 109-1 | 492.90 | 483.83 | 479.15 | 485.29 | 1.44 | ppb |
| Sodium | 23-2 | 268107.54 | 238074.51 | 236130.95 | 247437.67 | 7.25 | ppb |
| Strontium | 86-1 | 12170.04 | 12450.53 | 12354.74 | 12325.10 | 1.16 | ppb |
| Strontium | 88-1 | 12317.05 | 12358.81 | 12420.67 | 12365.51 | 0.42 | ppb |
| Sulfur | 34-1 | 9465.21 | 9727.27 | 9709.75 | 9634.08 | 1.52 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 513.85 | 504.64 | 510.79 | 509.76 | 0.92 | ppb |
| Thallium | 205-1 | 504.26 | 507.30 | 505.95 | 505.83 | 0.30 | ppb |
| Tin | 118-1 | 466.58 | 471.04 | 473.03 | 470.21 | 0.70 | ppb |
| Titanium | 47-1 | 4860.72 | 4984.73 | 5003.72 | 4949.72 | 1.57 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 523.33 | 524.84 | 524.03 | 524.07 | 0.14 | ppb |
| Vanadium | 51-2 | 568.55 | 498.82 | 504.79 | 524.05 | 7.38 | ppb |
| Yttrium | 89-1 | | | | 89 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 5703.75 | 5105.84 | 5091.51 | 5300.37 | 6.59 | ppb |
| Zirconium | 90-1 | 506.55 | 508.47 | 508.26 | 507.76 | 0.21 | ppb |
| Zirconium | 91-1 | 516.86 | 505.75 | 523.21 | 515.28 | 1.72 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4.12 | 4.97 | 5.49 | 4.86 | 14.15 | ppb |
| Antimony | 121-1 | 0.29 | 0.29 | 0.29 | 0.29 | 0.43 | ppb |
| Arsenic | 75-2 | 0.05 | 0.01 | 0.03 | 0.03 | 59.34 | ppb |
| Barium | 135-1 | 0.20 | 0.19 | 0.16 | 0.18 | 10.51 | ppb |
| Barium | 137-1 | 0.22 | 0.18 | 0.16 | 0.19 | 16.34 | ppb |
| Beryllium | 9-1 | 0.03 | 0.02 | 0.01 | 0.02 | 32.61 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.05 | 0.05 | 0.04 | 25.29 | ppb |
| Cadmium | 106-1 | -2.23 | -2.26 | -1.98 | -2.16 | | ppb |
| Cadmium | 111-1 | -0.13 | -0.13 | -0.11 | -0.12 | | ppb |
| Calcium | 43-1 | 5.68 | 4.53 | 1.90 | 4.04 | 47.97 | ppb |
| Calcium | 44-1 | 5.12 | 2.17 | 1.49 | 2.93 | 66.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.05 | 0.08 | 0.04 | 0.05 | 39.58 | ppb |
| Cobalt | 59-2 | 0.03 | 0.03 | 0.03 | 0.03 | 1.68 | ppb |
| Copper | 63-2 | 0.10 | 0.13 | 0.12 | 0.12 | 9.94 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 13.68 | 16.34 | 17.24 | 15.76 | 11.74 | ppb |
| Iron | 57-2 | 10.63 | 13.63 | 13.81 | 12.69 | 14.11 | ppb |
| Iron | 54-2 | 14.05 | 14.39 | 17.95 | 15.46 | 13.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.06 | 0.04 | 0.06 | 27.82 | ppb |
| Lead | 207-1 | 0.08 | 0.06 | 0.04 | 0.06 | 31.27 | ppb |
| Lead | 208-1 | 0.08 | 0.06 | 0.05 | 0.06 | 22.80 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 4.79 | 5.98 | 7.22 | 6.00 | 20.29 | ppb |
| Manganese | 55-2 | 0.36 | 0.46 | 0.45 | 0.42 | 12.24 | ppb |
| Molybdenum | 94-1 | 0.28 | 0.25 | 0.29 | 0.28 | 7.82 | ppb |
| Molybdenum | 95-1 | 0.23 | 0.20 | 0.19 | 0.21 | 9.64 | ppb |
| Molybdenum | 96-1 | 0.20 | 0.20 | 0.20 | 0.20 | 1.66 | ppb |
| Molybdenum | 97-1 | 0.22 | 0.23 | 0.19 | 0.21 | 9.20 | ppb |
| Molybdenum | 98-1 | 0.21 | 0.21 | 0.19 | 0.21 | 5.23 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.08 | 0.07 | 0.07 | 0.07 | 12.25 | ppb |
| Phosphorus | 31-2 | -21.33 | -23.92 | -21.52 | -22.25 | | ppb |
| Potassium | 39-2 | -6.47 | -4.29 | -3.79 | -4.85 | | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | -0.21 | -0.02 | -0.35 | -0.19 | | ppb |
| Selenium | 77-2 | 0.01 | -0.22 | -0.22 | -0.14 | | ppb |
| Selenium | 78-2 | -1.01 | 0.13 | -0.47 | -0.45 | | ppb |
| Silicon | 28-1 | 0.94 | 0.96 | 0.86 | 0.92 | 5.55 | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.04 | 0.04 | 19.37 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.04 | 0.04 | 18.86 | ppb |
| Sodium | 23-2 | 3.73 | 3.78 | 2.91 | 3.48 | 14.09 | ppb |
| Strontium | 86-1 | 0.32 | 0.26 | 0.28 | 0.29 | 10.25 | ppb |
| Strontium | 88-1 | 0.32 | 0.26 | 0.22 | 0.26 | 19.61 | ppb |
| Sulfur | 34-1 | -580.71 | -614.07 | -556.00 | -583.59 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.04 | 0.05 | 22.67 | ppb |
| Thallium | 205-1 | 0.06 | 0.05 | 0.04 | 0.05 | 17.43 | ppb |
| Tin | 118-1 | 0.07 | 0.05 | 0.08 | 0.06 | 20.57 | ppb |
| Titanium | 47-1 | 0.31 | 0.28 | 0.30 | 0.30 | 4.17 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.00 | 0.01 | 32.63 | ppb |
| Vanadium | 51-2 | 0.04 | 0.04 | 0.04 | 0.04 | 11.36 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.01 | 0.00 | 0.18 | 0.06 | 156.98 | ppb |
| Zirconium | 90-1 | 0.07 | 0.06 | 0.05 | 0.06 | 20.58 | ppb |
| Zirconium | 91-1 | 0.07 | 0.06 | 0.04 | 0.06 | 27.45 | ppb |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 507 | 487 | 473 | 489 | 3.43 | cps |
| Antimony | 121-1 | 190 | 203 | 147 | 180 | 16.46 | cps |
| Arsenic | 75-2 | 17 | 3 | 10 | 10 | 66.70 | cps |
| Barium | 135-1 | 193 | 133 | 153 | 160 | 19.09 | cps |
| Barium | 137-1 | 287 | 307 | 247 | 280 | 10.91 | cps |
| Beryllium | 9-1 | 50 | 89 | 106 | 81 | 34.99 | cps |
| Bismuth | 209-1 | 6886545 | 6703046 | 6598507 | 6729366 | 2.17 | cps |
| Bismuth | 209-2 | 4816958 | 4741223 | 4232432 | 4596871 | 6.92 | cps |
| Bromine | 81-1 | 11875 | 11998 | 11992 | 11955 | 0.58 | cps |
| Bromine | 81-2 | 67 | 40 | 73 | 60 | 29.40 | cps |
| Cadmium | 108-1 | 7 | 7 | 0 | 4 | 86.60 | cps |
| Cadmium | 106-1 | 2997 | 3000 | 2994 | 2997 | 0.11 | cps |
| Cadmium | 111-1 | 2123 | 2132 | 2139 | 2131 | 0.37 | cps |
| Calcium | 43-1 | 453 | 393 | 437 | 428 | 7.24 | cps |
| Calcium | 44-1 | 14471 | 14528 | 14528 | 14509 | 0.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 583 | 623 | 533 | 580 | 7.77 | cps |
| Cobalt | 59-2 | 120 | 127 | 113 | 120 | 5.56 | cps |
| Copper | 63-2 | 1377 | 1260 | 1257 | 1298 | 5.27 | cps |
| Dysprosium | 156-1 | 60 | 83 | 73 | 72 | 16.21 | cps |
| Dysprosium | 156-2 | 30 | 37 | 53 | 40 | 30.04 | cps |
| Erbium | 164-1 | 70 | 57 | 67 | 64 | 10.76 | cps |
| Erbium | 164-2 | 30 | 43 | 40 | 38 | 18.36 | cps |
| Gadolinium | 160-1 | 83 | 37 | 70 | 63 | 37.95 | cps |
| Gadolinium | 160-2 | 190 | 240 | 270 | 233 | 17.32 | cps |
| Holmium | 165-1 | 10674060 | 10765086 | 10382224 | 10607123 | 1.89 | cps |
| Holmium | 165-2 | 6602622 | 6557958 | 5773363 | 6311314 | 7.39 | cps |
| Indium | 115-1 | 8502518 | 8439644 | 8420202 | 8454121 | 0.51 | cps |
| Indium | 115-2 | 2692805 | 2632835 | 2327480 | 2551040 | 7.68 | cps |
| Iron | 56-2 | 18905 | 18104 | 17681 | 18230 | 3.41 | cps |
| Iron | 57-2 | 1550 | 1460 | 1390 | 1467 | 5.47 | cps |
| Iron | 54-2 | 2127 | 1800 | 1993 | 1973 | 8.32 | cps |
| Krypton | 83-1 | 167 | 203 | 217 | 196 | 13.24 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1157 | 1157 | 1013 | 1109 | 7.46 | cps |
| Lead | 207-1 | 917 | 930 | 997 | 948 | 4.52 | cps |
| Lead | 208-1 | 4320 | 4374 | 4217 | 4304 | 1.85 | cps |
| Lithium | 6-1 | 1417300 | 1438284 | 1416737 | 1424107 | 0.86 | cps |
| Magnesium | 24-2 | 2010 | 2160 | 1913 | 2028 | 6.13 | cps |
| Manganese | 55-2 | 403 | 500 | 400 | 434 | 13.07 | cps |
| Molybdenum | 94-1 | 580 | 517 | 520 | 539 | 6.61 | cps |
| Molybdenum | 95-1 | 533 | 467 | 443 | 481 | 9.71 | cps |
| Molybdenum | 96-1 | 593 | 663 | 597 | 618 | 6.39 | cps |
| Molybdenum | 97-1 | 287 | 287 | 340 | 304 | 10.12 | cps |
| Molybdenum | 98-1 | 827 | 863 | 777 | 822 | 5.29 | cps |
| Neodymium | 150-1 | 0 | 10 | 17 | 9 | 94.38 | cps |
| Neodymium | 150-2 | 7 | 17 | 0 | 8 | 107.84 | cps |
| Nickel | 60-2 | 73 | 87 | 77 | 79 | 8.80 | cps |
| Phosphorus | 31-2 | 243 | 217 | 167 | 209 | 18.63 | cps |
| Potassium | 39-2 | 52236 | 51815 | 51627 | 51892 | 0.60 | cps |
| Rhodium | 103-1 | 7996309 | 8107544 | 7850580 | 7984811 | 1.61 | cps |
| Rhodium | 103-2 | 4589860 | 4487169 | 4005366 | 4360798 | 7.16 | cps |
| Scandium | 45-1 | 4823563 | 4824207 | 4728029 | 4791933 | 1.15 | cps |
| Scandium | 45-2 | 416370 | 415110 | 366212 | 399231 | 7.16 | cps |
| Selenium | 82-1 | 507 | 445 | 477 | 476 | 6.57 | cps |
| Selenium | 77-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Selenium | 78-2 | 243 | 243 | 280 | 256 | 8.28 | cps |
| Silicon | 28-1 | 216009 | 217162 | 218246 | 217139 | 0.52 | cps |
| Silver | 107-1 | 197 | 163 | 170 | 177 | 9.98 | cps |
| Silver | 109-1 | 123 | 107 | 120 | 117 | 7.56 | cps |
| Sodium | 23-2 | 26393 | 25982 | 26723 | 26366 | 1.41 | cps |
| Strontium | 86-1 | 860 | 857 | 823 | 847 | 2.39 | cps |
| Strontium | 88-1 | 5718 | 5014 | 5164 | 5299 | 6.99 | cps |
| Sulfur | 34-1 | 199525 | 203270 | 202065 | 201620 | 0.95 | cps |
| Terbium | 159-1 | 10888895 | 10763033 | 10894584 | 10848837 | 0.69 | cps |
| Terbium | 159-2 | 6661854 | 6512652 | 5667500 | 6280669 | 8.54 | cps |
| Thallium | 203-1 | 233 | 227 | 213 | 224 | 4.54 | cps |
| Thallium | 205-1 | 573 | 477 | 600 | 550 | 11.80 | cps |
| Tin | 118-1 | 1680 | 1733 | 1680 | 1698 | 1.81 | cps |
| Titanium | 47-1 | 207 | 180 | 253 | 213 | 17.40 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:41:38 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 343 | 233 | 277 | 284 | 19.48 | cps |
| Vanadium | 51-2 | 47 | 20 | 27 | 31 | 44.61 | cps |
| Yttrium | 89-1 | 13944666 | 14040814 | 13853602 | 13946361 | 0.67 | cps |
| Yttrium | 89-2 | 3352294 | 3304301 | 2929747 | 3195447 | 7.24 | cps |
| Zinc | 66-2 | 803 | 623 | 627 | 684 | 15.05 | cps |
| Zirconium | 90-1 | 767 | 737 | 697 | 733 | 4.79 | cps |
| Zirconium | 91-1 | 117 | 153 | 177 | 149 | 20.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4637 | 4811 | 4807 | 4752 | 2.09 | cps |
| Antimony | 121-1 | 18485 | 19353 | 18852 | 18897 | 2.31 | cps |
| Arsenic | 75-2 | 460 | 447 | 577 | 494 | 14.46 | cps |
| Barium | 135-1 | 23817 | 23843 | 24064 | 23908 | 0.57 | cps |
| Barium | 137-1 | 41213 | 40715 | 40915 | 40948 | 0.61 | cps |
| Beryllium | 9-1 | 1545 | 1589 | 1583 | 1572 | 1.54 | cps |
| Bismuth | 209-1 | 6588392 | 6448702 | 6459108 | 6498734 | 1.20 | cps |
| Bismuth | 209-2 | 4671357 | 4613354 | 4731795 | 4672169 | 1.27 | cps |
| Bromine | 81-1 | 11391 | 11404 | 11391 | 11396 | 0.07 | cps |
| Bromine | 81-2 | 50 | 67 | 80 | 66 | 22.93 | cps |
| Cadmium | 108-1 | 177 | 220 | 217 | 204 | 11.79 | cps |
| Cadmium | 106-1 | 3200 | 3240 | 3267 | 3236 | 1.04 | cps |
| Cadmium | 111-1 | 4630 | 4835 | 4529 | 4665 | 3.34 | cps |
| Calcium | 43-1 | 14931 | 14354 | 14524 | 14603 | 2.03 | cps |
| Calcium | 44-1 | 240981 | 244917 | 244052 | 243317 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8803 | 8719 | 8623 | 8715 | 1.03 | cps |
| Cobalt | 59-2 | 6618 | 6455 | 6608 | 6560 | 1.40 | cps |
| Copper | 63-2 | 10090 | 9923 | 9917 | 9977 | 0.99 | cps |
| Dysprosium | 156-1 | 57 | 63 | 73 | 64 | 13.01 | cps |
| Dysprosium | 156-2 | 30 | 23 | 33 | 29 | 17.63 | cps |
| Erbium | 164-1 | 57 | 77 | 97 | 77 | 26.09 | cps |
| Erbium | 164-2 | 40 | 37 | 60 | 46 | 27.70 | cps |
| Gadolinium | 160-1 | 60 | 33 | 43 | 46 | 29.58 | cps |
| Gadolinium | 160-2 | 273 | 230 | 243 | 249 | 8.92 | cps |
| Holmium | 165-1 | 10492065 | 10367489 | 10488348 | 10449301 | 0.68 | cps |
| Holmium | 165-2 | 6469391 | 6407703 | 6487730 | 6454941 | 0.65 | cps |
| Indium | 115-1 | 8555013 | 8386924 | 8390756 | 8444231 | 1.14 | cps |
| Indium | 115-2 | 2577872 | 2566654 | 2598804 | 2581110 | 0.63 | cps |
| Iron | 56-2 | 202559 | 203305 | 203281 | 203049 | 0.21 | cps |
| Iron | 57-2 | 6181 | 6048 | 6185 | 6138 | 1.27 | cps |
| Iron | 54-2 | 12619 | 12442 | 12365 | 12475 | 1.04 | cps |
| Krypton | 83-1 | 187 | 147 | 203 | 179 | 16.28 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7309 | 7586 | 7345 | 7413 | 2.03 | cps |
| Lead | 207-1 | 6408 | 6562 | 6695 | 6555 | 2.19 | cps |
| Lead | 208-1 | 29206 | 30400 | 29483 | 29696 | 2.11 | cps |
| Lithium | 6-1 | 1428436 | 1403411 | 1392885 | 1408244 | 1.30 | cps |
| Magnesium | 24-2 | 204393 | 201914 | 200566 | 202291 | 0.96 | cps |
| Manganese | 55-2 | 3364 | 3510 | 3544 | 3473 | 2.76 | cps |
| Molybdenum | 94-1 | 20501 | 20474 | 20451 | 20475 | 0.12 | cps |
| Molybdenum | 95-1 | 24621 | 24430 | 24607 | 24553 | 0.43 | cps |
| Molybdenum | 96-1 | 27068 | 26881 | 27185 | 27045 | 0.57 | cps |
| Molybdenum | 97-1 | 15595 | 15505 | 15295 | 15465 | 1.00 | cps |
| Molybdenum | 98-1 | 39427 | 39730 | 40269 | 39809 | 1.07 | cps |
| Neodymium | 150-1 | 7 | 20 | 17 | 14 | 48.02 | cps |
| Neodymium | 150-2 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 1830 | 1580 | 1623 | 1678 | 7.96 | cps |
| Phosphorus | 31-2 | 530 | 580 | 650 | 587 | 10.28 | cps |
| Potassium | 39-2 | 287298 | 283838 | 282976 | 284704 | 0.80 | cps |
| Rhodium | 103-1 | 8015346 | 7908637 | 7858405 | 7927463 | 1.01 | cps |
| Rhodium | 103-2 | 4527294 | 4455465 | 4487748 | 4490169 | 0.80 | cps |
| Scandium | 45-1 | 4805807 | 4757697 | 4703337 | 4755613 | 1.08 | cps |
| Scandium | 45-2 | 412578 | 406714 | 408124 | 409139 | 0.75 | cps |
| Selenium | 82-1 | 1239 | 1219 | 1205 | 1221 | 1.40 | cps |
| Selenium | 77-2 | 83 | 77 | 60 | 73 | 16.39 | cps |
| Selenium | 78-2 | 483 | 570 | 530 | 528 | 8.22 | cps |
| Silicon | 28-1 | 238759 | 240258 | 240611 | 239876 | 0.41 | cps |
| Silver | 107-1 | 11331 | 11671 | 11448 | 11484 | 1.51 | cps |
| Silver | 109-1 | 10834 | 11224 | 10908 | 10989 | 1.89 | cps |
| Sodium | 23-2 | 350985 | 346806 | 346411 | 348067 | 0.73 | cps |
| Strontium | 86-1 | 3907 | 3974 | 4017 | 3966 | 1.40 | cps |
| Strontium | 88-1 | 32245 | 32503 | 32623 | 32457 | 0.59 | cps |
| Sulfur | 34-1 | 196568 | 200420 | 200883 | 199290 | 1.19 | cps |
| Terbium | 159-1 | 10987361 | 10600949 | 10803534 | 10797282 | 1.79 | cps |
| Terbium | 159-2 | 6508371 | 6478328 | 6491340 | 6492680 | 0.23 | cps |
| Thallium | 203-1 | 7912 | 8062 | 8193 | 8056 | 1.74 | cps |
| Thallium | 205-1 | 20108 | 19577 | 19801 | 19829 | 1.34 | cps |
| Tin | 118-1 | 39751 | 40557 | 40483 | 40264 | 1.11 | cps |
| Titanium | 47-1 | 6518 | 6738 | 6431 | 6563 | 2.41 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:48:10 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24636 | 24422 | 24613 | 24557 | 0.48 | cps |
| Vanadium | 51-2 | 18181 | 18418 | 18244 | 18281 | 0.67 | cps |
| Yttrium | 89-1 | 13953892 | 13642606 | 13664532 | 13753677 | 1.26 | cps |
| Yttrium | 89-2 | 3239158 | 3227454 | 3242256 | 3236289 | 0.24 | cps |
| Zinc | 66-2 | 4094 | 4211 | 4284 | 4196 | 2.28 | cps |
| Zirconium | 90-1 | 17514 | 17200 | 17310 | 17341 | 0.92 | cps |
| Zirconium | 91-1 | 3754 | 3981 | 3734 | 3823 | 3.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 241011 | 239379 | 240727 | 240372 | 0.36 | cps |
| Antimony | 121-1 | 505016 | 517839 | 515545 | 512800 | 1.33 | cps |
| Arsenic | 75-2 | 27018 | 26220 | 27258 | 26832 | 2.03 | cps |
| Barium | 135-1 | 659671 | 670581 | 674117 | 668123 | 1.13 | cps |
| Barium | 137-1 | 1152436 | 1169213 | 1163819 | 1161823 | 0.74 | cps |
| Beryllium | 9-1 | 81870 | 83484 | 83194 | 82849 | 1.04 | cps |
| Bismuth | 209-1 | 6697697 | 6664627 | 6691911 | 6684745 | 0.26 | cps |
| Bismuth | 209-2 | 4767051 | 4756583 | 4784533 | 4769389 | 0.30 | cps |
| Bromine | 81-1 | 11098 | 11101 | 11351 | 11183 | 1.30 | cps |
| Bromine | 81-2 | 33 | 50 | 63 | 49 | 30.75 | cps |
| Cadmium | 108-1 | 9597 | 10144 | 9653 | 9798 | 3.07 | cps |
| Cadmium | 106-1 | 17027 | 17330 | 16890 | 17082 | 1.32 | cps |
| Cadmium | 111-1 | 135602 | 136353 | 136856 | 136270 | 0.46 | cps |
| Calcium | 43-1 | 174789 | 175741 | 176017 | 175516 | 0.37 | cps |
| Calcium | 44-1 | 2556821 | 2535019 | 2542597 | 2544813 | 0.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 226993 | 221362 | 222064 | 223473 | 1.37 | cps |
| Cobalt | 59-2 | 341260 | 329224 | 337583 | 336022 | 1.84 | cps |
| Copper | 63-2 | 2561101 | 2524947 | 2536534 | 2540861 | 0.73 | cps |
| Dysprosium | 156-1 | 87 | 83 | 87 | 86 | 2.25 | cps |
| Dysprosium | 156-2 | 80 | 73 | 40 | 64 | 33.25 | cps |
| Erbium | 164-1 | 70 | 53 | 80 | 68 | 19.88 | cps |
| Erbium | 164-2 | 83 | 43 | 33 | 53 | 49.61 | cps |
| Gadolinium | 160-1 | 40 | 30 | 47 | 39 | 21.57 | cps |
| Gadolinium | 160-2 | 243 | 293 | 243 | 260 | 11.10 | cps |
| Holmium | 165-1 | 10733822 | 10606805 | 10666625 | 10669084 | 0.60 | cps |
| Holmium | 165-2 | 6712501 | 6603442 | 6633314 | 6649752 | 0.85 | cps |
| Indium | 115-1 | 8516592 | 8515697 | 8540488 | 8524259 | 0.16 | cps |
| Indium | 115-2 | 2647441 | 2614466 | 2640780 | 2634229 | 0.66 | cps |
| Iron | 56-2 | 9759416 | 9686948 | 9656985 | 9701116 | 0.54 | cps |
| Iron | 57-2 | 253623 | 251899 | 249948 | 251823 | 0.73 | cps |
| Iron | 54-2 | 559862 | 551443 | 555415 | 555573 | 0.76 | cps |
| Krypton | 83-1 | 180 | 207 | 217 | 201 | 9.43 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2061875 | 2058459 | 2081881 | 2067405 | 0.61 | cps |
| Lead | 207-1 | 1832083 | 1844894 | 1843164 | 1840047 | 0.38 | cps |
| Lead | 208-1 | 8345487 | 8357577 | 8325354 | 8342806 | 0.20 | cps |
| Lithium | 6-1 | 1408945 | 1436250 | 1383805 | 1409667 | 1.86 | cps |
| Magnesium | 24-2 | 1993670 | 1958548 | 2020450 | 1990889 | 1.56 | cps |
| Manganese | 55-2 | 1641537 | 1641300 | 1573757 | 1618865 | 2.41 | cps |
| Molybdenum | 94-1 | 2033906 | 2056889 | 2060784 | 2050527 | 0.71 | cps |
| Molybdenum | 95-1 | 3016284 | 3031068 | 2995354 | 3014236 | 0.60 | cps |
| Molybdenum | 96-1 | 3266333 | 3312582 | 3234247 | 3271054 | 1.20 | cps |
| Molybdenum | 97-1 | 1857024 | 1903589 | 1862685 | 1874433 | 1.36 | cps |
| Molybdenum | 98-1 | 4846649 | 4834472 | 4765203 | 4815441 | 0.91 | cps |
| Neodymium | 150-1 | 33 | 40 | 27 | 33 | 20.00 | cps |
| Neodymium | 150-2 | 10 | 0 | 3 | 4 | 114.60 | cps |
| Nickel | 60-2 | 86555 | 85127 | 86021 | 85901 | 0.84 | cps |
| Phosphorus | 31-2 | 13253 | 12932 | 13182 | 13122 | 1.28 | cps |
| Potassium | 39-2 | 1281361 | 1265598 | 1277331 | 1274763 | 0.64 | cps |
| Rhodium | 103-1 | 8025118 | 7958816 | 7808420 | 7930784 | 1.40 | cps |
| Rhodium | 103-2 | 4557086 | 4445184 | 4520820 | 4507696 | 1.27 | cps |
| Scandium | 45-1 | 4818195 | 4795941 | 4706616 | 4773584 | 1.24 | cps |
| Scandium | 45-2 | 415505 | 409340 | 415664 | 413503 | 0.87 | cps |
| Selenium | 82-1 | 9056 | 8916 | 8964 | 8979 | 0.79 | cps |
| Selenium | 77-2 | 730 | 820 | 733 | 761 | 6.70 | cps |
| Selenium | 78-2 | 2657 | 2714 | 2894 | 2755 | 4.49 | cps |
| Silicon | 28-1 | 960693 | 972092 | 966822 | 966536 | 0.59 | cps |
| Silver | 107-1 | 656644 | 667581 | 674818 | 666348 | 1.37 | cps |
| Silver | 109-1 | 621899 | 631017 | 630082 | 627666 | 0.80 | cps |
| Sodium | 23-2 | 3458666 | 3387152 | 3407628 | 3417815 | 1.08 | cps |
| Strontium | 86-1 | 4441148 | 4456950 | 4392400 | 4430166 | 0.76 | cps |
| Strontium | 88-1 | 38518031 | 38570033 | 38428486 | 38505517 | 0.19 | cps |
| Sulfur | 34-1 | 236523 | 237877 | 234312 | 236237 | 0.76 | cps |
| Terbium | 159-1 | 11143549 | 11099329 | 10933547 | 11058808 | 1.00 | cps |
| Terbium | 159-2 | 6523712 | 6515713 | 6568946 | 6536123 | 0.44 | cps |
| Thallium | 203-1 | 443201 | 453322 | 449536 | 448687 | 1.14 | cps |
| Thallium | 205-1 | 1060879 | 1063479 | 1074893 | 1066417 | 0.70 | cps |
| Tin | 118-1 | 442351 | 442373 | 447640 | 444121 | 0.69 | cps |
| Titanium | 47-1 | 756259 | 766165 | 764336 | 762253 | 0.69 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:51:25 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1333109 | 1345183 | 1362265 | 1346852 | 1.09 | cps |
| Vanadium | 51-2 | 197258 | 196070 | 194186 | 195838 | 0.79 | cps |
| Yttrium | 89-1 | 14008553 | 14029811 | 13894406 | 13977590 | 0.52 | cps |
| Yttrium | 89-2 | 3336009 | 3262764 | 3228269 | 3275680 | 1.68 | cps |
| Zinc | 66-2 | 387650 | 378847 | 383557 | 383351 | 1.15 | cps |
| Zirconium | 90-1 | 908039 | 919802 | 911418 | 913087 | 0.66 | cps |
| Zirconium | 91-1 | 203065 | 205271 | 205629 | 204655 | 0.68 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 586088 | 592825 | 585670 | 588194 | 0.68 | cps |
| Antimony | 121-1 | 1260919 | 1276324 | 1272778 | 1270007 | 0.64 | cps |
| Arsenic | 75-2 | 65878 | 65741 | 65457 | 65692 | 0.33 | cps |
| Barium | 135-1 | 1775568 | 1796205 | 1815912 | 1795895 | 1.12 | cps |
| Barium | 137-1 | 3132121 | 3146861 | 3118192 | 3132391 | 0.46 | cps |
| Beryllium | 9-1 | 203760 | 205316 | 206650 | 205242 | 0.70 | cps |
| Bismuth | 209-1 | 6663961 | 6689331 | 6683566 | 6678952 | 0.20 | cps |
| Bismuth | 209-2 | 4780558 | 4658558 | 4856272 | 4765129 | 2.09 | cps |
| Bromine | 81-1 | 10581 | 10424 | 11114 | 10706 | 3.38 | cps |
| Bromine | 81-2 | 37 | 43 | 37 | 39 | 9.89 | cps |
| Cadmium | 108-1 | 24097 | 24377 | 24868 | 24447 | 1.60 | cps |
| Cadmium | 106-1 | 37335 | 37204 | 37331 | 37290 | 0.20 | cps |
| Cadmium | 111-1 | 334012 | 331701 | 331881 | 332531 | 0.39 | cps |
| Calcium | 43-1 | 427736 | 425875 | 427682 | 427097 | 0.25 | cps |
| Calcium | 44-1 | 6148463 | 6127634 | 6102171 | 6126089 | 0.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 548996 | 542729 | 545086 | 545604 | 0.58 | cps |
| Cobalt | 59-2 | 833355 | 821311 | 823795 | 826154 | 0.77 | cps |
| Copper | 63-2 | 6155864 | 6228732 | 6086865 | 6157154 | 1.15 | cps |
| Dysprosium | 156-1 | 107 | 90 | 97 | 98 | 8.58 | cps |
| Dysprosium | 156-2 | 77 | 93 | 93 | 88 | 10.96 | cps |
| Erbium | 164-1 | 63 | 93 | 103 | 87 | 24.02 | cps |
| Erbium | 164-2 | 60 | 40 | 77 | 59 | 31.18 | cps |
| Gadolinium | 160-1 | 47 | 40 | 33 | 40 | 16.68 | cps |
| Gadolinium | 160-2 | 247 | 240 | 307 | 264 | 13.88 | cps |
| Holmium | 165-1 | 10531812 | 10548892 | 10645618 | 10575441 | 0.58 | cps |
| Holmium | 165-2 | 6566975 | 6460298 | 6671459 | 6566244 | 1.61 | cps |
| Indium | 115-1 | 8303290 | 8381518 | 8241872 | 8308893 | 0.84 | cps |
| Indium | 115-2 | 2604437 | 2546435 | 2608146 | 2586339 | 1.34 | cps |
| Iron | 56-2 | 23703342 | 23592953 | 23589028 | 23628441 | 0.27 | cps |
| Iron | 57-2 | 612885 | 614992 | 609941 | 612606 | 0.41 | cps |
| Iron | 54-2 | 1368400 | 1362648 | 1308531 | 1346527 | 2.45 | cps |
| Krypton | 83-1 | 207 | 193 | 200 | 200 | 3.33 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5289930 | 5218386 | 5225153 | 5244490 | 0.75 | cps |
| Lead | 207-1 | 4610875 | 4632324 | 4632135 | 4625112 | 0.27 | cps |
| Lead | 208-1 | 20914426 | 21050535 | 21013017 | 20992659 | 0.33 | cps |
| Lithium | 6-1 | 1394000 | 1420936 | 1430081 | 1415006 | 1.33 | cps |
| Magnesium | 24-2 | 4929350 | 4896271 | 4886316 | 4903979 | 0.46 | cps |
| Manganese | 55-2 | 3920015 | 3939918 | 3916857 | 3925597 | 0.32 | cps |
| Molybdenum | 94-1 | 5043724 | 5056767 | 5027465 | 5042652 | 0.29 | cps |
| Molybdenum | 95-1 | 7382203 | 7447485 | 7420163 | 7416617 | 0.44 | cps |
| Molybdenum | 96-1 | 7980335 | 8140713 | 8066006 | 8062351 | 1.00 | cps |
| Molybdenum | 97-1 | 4567689 | 4648978 | 4619929 | 4612199 | 0.89 | cps |
| Molybdenum | 98-1 | 11796276 | 11969687 | 11977724 | 11914562 | 0.86 | cps |
| Neodymium | 150-1 | 73 | 77 | 60 | 70 | 12.60 | cps |
| Neodymium | 150-2 | 20 | 20 | 13 | 18 | 21.66 | cps |
| Nickel | 60-2 | 209278 | 211690 | 209993 | 210320 | 0.59 | cps |
| Phosphorus | 31-2 | 31442 | 31816 | 30831 | 31363 | 1.59 | cps |
| Potassium | 39-2 | 3075372 | 2983782 | 3005377 | 3021510 | 1.58 | cps |
| Rhodium | 103-1 | 7772066 | 7816877 | 7782734 | 7790559 | 0.30 | cps |
| Rhodium | 103-2 | 4473817 | 4359810 | 4464343 | 4432657 | 1.43 | cps |
| Scandium | 45-1 | 4723405 | 4715248 | 4614544 | 4684399 | 1.29 | cps |
| Scandium | 45-2 | 407839 | 406660 | 408218 | 407572 | 0.20 | cps |
| Selenium | 82-1 | 20851 | 21027 | 20846 | 20908 | 0.49 | cps |
| Selenium | 77-2 | 1857 | 1957 | 2007 | 1940 | 3.94 | cps |
| Selenium | 78-2 | 6705 | 6518 | 6642 | 6622 | 1.43 | cps |
| Silicon | 28-1 | 2010132 | 2012585 | 1999640 | 2007453 | 0.34 | cps |
| Silver | 107-1 | 1725553 | 1758052 | 1741340 | 1741648 | 0.93 | cps |
| Silver | 109-1 | 1633224 | 1652439 | 1642641 | 1642768 | 0.58 | cps |
| Sodium | 23-2 | 8393264 | 8256378 | 8303618 | 8317753 | 0.84 | cps |
| Strontium | 86-1 | 10787667 | 10887008 | 10786241 | 10820305 | 0.53 | cps |
| Strontium | 88-1 | 94233509 | 95191079 | 94474052 | 94632880 | 0.53 | cps |
| Sulfur | 34-1 | 284792 | 286852 | 287383 | 286343 | 0.48 | cps |
| Terbium | 159-1 | 11066600 | 10947742 | 10914657 | 10976333 | 0.73 | cps |
| Terbium | 159-2 | 6585413 | 6559031 | 6657648 | 6600698 | 0.77 | cps |
| Thallium | 203-1 | 1125102 | 1129450 | 1121603 | 1125385 | 0.35 | cps |
| Thallium | 205-1 | 3167013 | 3090653 | 3131473 | 3129713 | 1.22 | cps |
| Tin | 118-1 | 1088396 | 1098116 | 1102459 | 1096324 | 0.66 | cps |
| Titanium | 47-1 | 1838695 | 1833382 | 1829741 | 1833939 | 0.25 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:54:26 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4014289 | 3928845 | 3984684 | 3975939 | 1.09 | cps |
| Vanadium | 51-2 | 477576 | 479228 | 475806 | 477537 | 0.36 | cps |
| Yttrium | 89-1 | 13694397 | 13682481 | 13506484 | 13627787 | 0.77 | cps |
| Yttrium | 89-2 | 3266220 | 3236355 | 3206065 | 3236213 | 0.93 | cps |
| Zinc | 66-2 | 943067 | 932846 | 935118 | 937010 | 0.57 | cps |
| Zirconium | 90-1 | 2270784 | 2339552 | 2292464 | 2300933 | 1.53 | cps |
| Zirconium | 91-1 | 499900 | 507677 | 506407 | 504661 | 0.83 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1163945 | 1167167 | 1162835 | 1164649 | 0.19 | cps |
| Antimony | 121-1 | 2665602 | 2726990 | 2713710 | 2702101 | 1.20 | cps |
| Arsenic | 75-2 | 131075 | 130538 | 130464 | 130692 | 0.26 | cps |
| Barium | 135-1 | 3620218 | 3611926 | 3649569 | 3627238 | 0.55 | cps |
| Barium | 137-1 | 6220980 | 6239737 | 6234486 | 6231734 | 0.16 | cps |
| Beryllium | 9-1 | 402020 | 410069 | 412551 | 408213 | 1.35 | cps |
| Bismuth | 209-1 | 6843069 | 6724024 | 6795430 | 6787508 | 0.88 | cps |
| Bismuth | 209-2 | 4728986 | 4749715 | 4793378 | 4757359 | 0.69 | cps |
| Bromine | 81-1 | 11044 | 10277 | 10397 | 10573 | 3.90 | cps |
| Bromine | 81-2 | 50 | 40 | 37 | 42 | 16.43 | cps |
| Cadmium | 108-1 | 48223 | 48079 | 48949 | 48417 | 0.96 | cps |
| Cadmium | 106-1 | 70644 | 71033 | 70785 | 70820 | 0.28 | cps |
| Cadmium | 111-1 | 655665 | 665366 | 659545 | 660192 | 0.74 | cps |
| Calcium | 43-1 | 834522 | 837091 | 839617 | 837077 | 0.30 | cps |
| Calcium | 44-1 | 12153769 | 12030954 | 11977935 | 12054219 | 0.75 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1070136 | 1078469 | 1062221 | 1070275 | 0.76 | cps |
| Cobalt | 59-2 | 1664002 | 1656270 | 1677677 | 1665983 | 0.65 | cps |
| Copper | 63-2 | 12114436 | 12117137 | 11923487 | 12051687 | 0.92 | cps |
| Dysprosium | 156-1 | 137 | 90 | 147 | 124 | 24.31 | cps |
| Dysprosium | 156-2 | 117 | 137 | 187 | 147 | 24.58 | cps |
| Erbium | 164-1 | 90 | 123 | 133 | 116 | 19.64 | cps |
| Erbium | 164-2 | 47 | 47 | 77 | 57 | 30.56 | cps |
| Gadolinium | 160-1 | 110 | 70 | 57 | 79 | 35.18 | cps |
| Gadolinium | 160-2 | 317 | 283 | 253 | 284 | 11.14 | cps |
| Holmium | 165-1 | 10768459 | 10717752 | 10793680 | 10759964 | 0.36 | cps |
| Holmium | 165-2 | 6707393 | 6679370 | 6648869 | 6678544 | 0.44 | cps |
| Indium | 115-1 | 8298160 | 8348495 | 8270277 | 8305644 | 0.48 | cps |
| Indium | 115-2 | 2548920 | 2580521 | 2538648 | 2556030 | 0.85 | cps |
| Iron | 56-2 | 46684484 | 46557624 | 46377143 | 46539750 | 0.33 | cps |
| Iron | 57-2 | 1210882 | 1204281 | 1207913 | 1207692 | 0.27 | cps |
| Iron | 54-2 | 2601043 | 2605835 | 2625551 | 2610809 | 0.50 | cps |
| Krypton | 83-1 | 207 | 180 | 210 | 199 | 8.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10625190 | 10767047 | 10606306 | 10666181 | 0.82 | cps |
| Lead | 207-1 | 9383755 | 9513420 | 9493544 | 9463573 | 0.74 | cps |
| Lead | 208-1 | 42961737 | 43128039 | 43294849 | 43128208 | 0.39 | cps |
| Lithium | 6-1 | 1399714 | 1422116 | 1453121 | 1424984 | 1.88 | cps |
| Magnesium | 24-2 | 9720190 | 9800311 | 9577841 | 9699448 | 1.16 | cps |
| Manganese | 55-2 | 7864436 | 7724663 | 7731381 | 7773493 | 1.01 | cps |
| Molybdenum | 94-1 | 10023311 | 10044598 | 9913026 | 9993645 | 0.71 | cps |
| Molybdenum | 95-1 | 14798531 | 14923079 | 14734544 | 14818718 | 0.65 | cps |
| Molybdenum | 96-1 | 16135441 | 16125217 | 15970829 | 16077162 | 0.57 | cps |
| Molybdenum | 97-1 | 9223167 | 9171108 | 9235360 | 9209878 | 0.37 | cps |
| Molybdenum | 98-1 | 23559503 | 23853704 | 23803892 | 23739033 | 0.66 | cps |
| Neodymium | 150-1 | 193 | 127 | 157 | 159 | 21.01 | cps |
| Neodymium | 150-2 | 50 | 37 | 43 | 43 | 15.38 | cps |
| Nickel | 60-2 | 414616 | 411721 | 410986 | 412441 | 0.47 | cps |
| Phosphorus | 31-2 | 62664 | 61473 | 61737 | 61958 | 1.01 | cps |
| Potassium | 39-2 | 5964635 | 5921120 | 5907178 | 5930978 | 0.51 | cps |
| Rhodium | 103-1 | 7749732 | 7675060 | 7703255 | 7709349 | 0.49 | cps |
| Rhodium | 103-2 | 4408444 | 4368459 | 4365477 | 4380794 | 0.55 | cps |
| Scandium | 45-1 | 4627213 | 4526340 | 4528078 | 4560543 | 1.27 | cps |
| Scandium | 45-2 | 403964 | 404406 | 401383 | 403251 | 0.40 | cps |
| Selenium | 82-1 | 40526 | 40983 | 40858 | 40789 | 0.58 | cps |
| Selenium | 77-2 | 3677 | 3734 | 3837 | 3749 | 2.16 | cps |
| Selenium | 78-2 | 12632 | 12982 | 13009 | 12875 | 1.63 | cps |
| Silicon | 28-1 | 3678552 | 3664513 | 3684112 | 3675726 | 0.27 | cps |
| Silver | 107-1 | 3421965 | 3436447 | 3453232 | 3437214 | 0.46 | cps |
| Silver | 109-1 | 3240727 | 3220380 | 3267504 | 3242870 | 0.73 | cps |
| Sodium | 23-2 | 16550532 | 16560276 | 16399739 | 16503516 | 0.55 | cps |
| Strontium | 86-1 | 21343755 | 21548746 | 21554482 | 21482328 | 0.56 | cps |
| Strontium | 88-1 | 188151571 | 189430564 | 186802471 | 188128202 | 0.70 | cps |
| Sulfur | 34-1 | 380361 | 381242 | 382571 | 381391 | 0.29 | cps |
| Terbium | 159-1 | 11139155 | 11110332 | 11087236 | 11112241 | 0.23 | cps |
| Terbium | 159-2 | 6672538 | 6679993 | 6618179 | 6656903 | 0.51 | cps |
| Thallium | 203-1 | 2672604 | 2628986 | 2669384 | 2656991 | 0.91 | cps |
| Thallium | 205-1 | 6240294 | 6313783 | 6383375 | 6312484 | 1.13 | cps |
| Tin | 118-1 | 2291283 | 2318837 | 2362442 | 2324188 | 1.54 | cps |
| Titanium | 47-1 | 3595031 | 3608164 | 3609709 | 3604301 | 0.22 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 17:57:16 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8040296 | 8237025 | 8367719 | 8215013 | 2.01 | cps |
| Vanadium | 51-2 | 945937 | 953931 | 941728 | 947198 | 0.65 | cps |
| Yttrium | 89-1 | 13829426 | 13670449 | 13675422 | 13725099 | 0.66 | cps |
| Yttrium | 89-2 | 3253586 | 3230192 | 3289532 | 3257770 | 0.92 | cps |
| Zinc | 66-2 | 1897367 | 1902331 | 1895011 | 1898236 | 0.20 | cps |
| Zirconium | 90-1 | 4532954 | 4579496 | 4626937 | 4579796 | 1.03 | cps |
| Zirconium | 91-1 | 1002584 | 1009367 | 1003837 | 1005263 | 0.36 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2278264 | 2232535 | 2271373 | 2260724 | 1.09 | cps |
| Antimony | 121-1 | 5233930 | 5324500 | 5405252 | 5321227 | 1.61 | cps |
| Arsenic | 75-2 | 255399 | 253422 | 252018 | 253613 | 0.67 | cps |
| Barium | 135-1 | 7034738 | 7171176 | 7181217 | 7129044 | 1.15 | cps |
| Barium | 137-1 | 12154511 | 12336182 | 12391107 | 12293934 | 1.01 | cps |
| Beryllium | 9-1 | 789566 | 801818 | 807939 | 799775 | 1.17 | cps |
| Bismuth | 209-1 | 6845608 | 6860946 | 6784171 | 6830242 | 0.59 | cps |
| Bismuth | 209-2 | 4839830 | 4721327 | 4809736 | 4790298 | 1.29 | cps |
| Bromine | 81-1 | 10977 | 10694 | 10520 | 10731 | 2.15 | cps |
| Bromine | 81-2 | 40 | 80 | 73 | 64 | 33.25 | cps |
| Cadmium | 108-1 | 92915 | 96186 | 96830 | 95310 | 2.20 | cps |
| Cadmium | 106-1 | 134663 | 139105 | 138042 | 137270 | 1.69 | cps |
| Cadmium | 111-1 | 1278348 | 1294745 | 1293016 | 1288703 | 0.70 | cps |
| Calcium | 43-1 | 1557504 | 1563531 | 1569294 | 1563443 | 0.38 | cps |
| Calcium | 44-1 | 23231909 | 23446713 | 23355386 | 23344669 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2092249 | 2090221 | 2077068 | 2086513 | 0.40 | cps |
| Cobalt | 59-2 | 3198997 | 3257136 | 3187988 | 3214707 | 1.16 | cps |
| Copper | 63-2 | 23391929 | 23302456 | 23239870 | 23311418 | 0.33 | cps |
| Dysprosium | 156-1 | 137 | 160 | 160 | 152 | 8.85 | cps |
| Dysprosium | 156-2 | 227 | 303 | 243 | 258 | 15.64 | cps |
| Erbium | 164-1 | 120 | 120 | 140 | 127 | 9.12 | cps |
| Erbium | 164-2 | 90 | 73 | 67 | 77 | 15.68 | cps |
| Gadolinium | 160-1 | 90 | 103 | 80 | 91 | 12.85 | cps |
| Gadolinium | 160-2 | 287 | 250 | 323 | 287 | 12.79 | cps |
| Holmium | 165-1 | 10812762 | 11113100 | 10934251 | 10953371 | 1.38 | cps |
| Holmium | 165-2 | 6879265 | 6700092 | 6911291 | 6830216 | 1.67 | cps |
| Indium | 115-1 | 8175202 | 8248283 | 8029902 | 8151129 | 1.36 | cps |
| Indium | 115-2 | 2593302 | 2513897 | 2523890 | 2543696 | 1.70 | cps |
| Iron | 56-2 | 92012855 | 92179469 | 91611715 | 91934680 | 0.32 | cps |
| Iron | 57-2 | 2299839 | 2284490 | 2292878 | 2292402 | 0.34 | cps |
| Iron | 54-2 | 5099793 | 5089190 | 5082359 | 5090447 | 0.17 | cps |
| Krypton | 83-1 | 247 | 213 | 190 | 217 | 13.15 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21203796 | 21564821 | 21779706 | 21516108 | 1.35 | cps |
| Lead | 207-1 | 18770638 | 19027888 | 19201123 | 18999883 | 1.14 | cps |
| Lead | 208-1 | 85384047 | 86278766 | 87149129 | 86270647 | 1.02 | cps |
| Lithium | 6-1 | 1432743 | 1447591 | 1419974 | 1433436 | 0.96 | cps |
| Magnesium | 24-2 | 19044994 | 18805880 | 18954228 | 18935034 | 0.64 | cps |
| Manganese | 55-2 | 15301104 | 15354035 | 15383999 | 15346379 | 0.27 | cps |
| Molybdenum | 94-1 | 19701207 | 20001422 | 19897666 | 19866765 | 0.77 | cps |
| Molybdenum | 95-1 | 28829418 | 29445551 | 29024035 | 29099668 | 1.08 | cps |
| Molybdenum | 96-1 | 31363677 | 31809920 | 31873694 | 31682430 | 0.88 | cps |
| Molybdenum | 97-1 | 17959471 | 18168970 | 18466749 | 18198397 | 1.40 | cps |
| Molybdenum | 98-1 | 46194101 | 46921666 | 47246384 | 46787384 | 1.15 | cps |
| Neodymium | 150-1 | 307 | 247 | 283 | 279 | 10.85 | cps |
| Neodymium | 150-2 | 50 | 33 | 77 | 53 | 40.99 | cps |
| Nickel | 60-2 | 796434 | 791388 | 792241 | 793354 | 0.34 | cps |
| Phosphorus | 31-2 | 120029 | 120133 | 120163 | 120109 | 0.06 | cps |
| Potassium | 39-2 | 11485691 | 11482141 | 11523563 | 11497131 | 0.20 | cps |
| Rhodium | 103-1 | 7531840 | 7589476 | 7474661 | 7531992 | 0.76 | cps |
| Rhodium | 103-2 | 4475624 | 4287682 | 4330790 | 4364699 | 2.26 | cps |
| Scandium | 45-1 | 4475497 | 4432754 | 4427807 | 4445353 | 0.59 | cps |
| Scandium | 45-2 | 414607 | 398790 | 399906 | 404434 | 2.18 | cps |
| Selenium | 82-1 | 78971 | 80311 | 80560 | 79947 | 1.07 | cps |
| Selenium | 77-2 | 7465 | 7245 | 7145 | 7285 | 2.25 | cps |
| Selenium | 78-2 | 24046 | 23789 | 23656 | 23830 | 0.83 | cps |
| Silicon | 28-1 | 6845889 | 6840249 | 6906056 | 6864065 | 0.53 | cps |
| Silver | 107-1 | 6578001 | 6685069 | 6689694 | 6650921 | 0.95 | cps |
| Silver | 109-1 | 6298982 | 6256792 | 6327515 | 6294430 | 0.57 | cps |
| Sodium | 23-2 | 32608603 | 32331532 | 32505599 | 32481911 | 0.43 | cps |
| Strontium | 86-1 | 41972253 | 42405034 | 42317251 | 42231513 | 0.54 | cps |
| Strontium | 88-1 | 367875688 | 370510648 | 373640048 | 370675461 | 0.78 | cps |
| Sulfur | 34-1 | 569442 | 571980 | 571029 | 570817 | 0.22 | cps |
| Terbium | 159-1 | 11077848 | 11402277 | 11183844 | 11221323 | 1.47 | cps |
| Terbium | 159-2 | 6989043 | 6758274 | 6713134 | 6820151 | 2.17 | cps |
| Thallium | 203-1 | 5313509 | 5502728 | 5440425 | 5418887 | 1.78 | cps |
| Thallium | 205-1 | 12770040 | 12842816 | 13017581 | 12876812 | 0.99 | cps |
| Tin | 118-1 | 4547763 | 4626262 | 4600351 | 4591459 | 0.87 | cps |
| Titanium | 47-1 | 6922017 | 7019026 | 6939940 | 6960327 | 0.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:00:04 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16415292 | 17035105 | 17016294 | 16822230 | 2.10 | cps |
| Vanadium | 51-2 | 1832658 | 1856218 | 1840921 | 1843266 | 0.65 | cps |
| Yttrium | 89-1 | 13738168 | 13668314 | 13476603 | 13627695 | 0.99 | cps |
| Yttrium | 89-2 | 3332015 | 3204370 | 3220737 | 3252374 | 2.14 | cps |
| Zinc | 66-2 | 3691118 | 3670852 | 3682550 | 3681507 | 0.28 | cps |
| Zirconium | 90-1 | 8875981 | 8999792 | 8985440 | 8953738 | 0.76 | cps |
| Zirconium | 91-1 | 1971791 | 2002338 | 2020430 | 1998186 | 1.23 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4439985 | 4470503 | 4441197 | 4450562 | 0.39 | cps |
| Antimony | 121-1 | 10475457 | 10643918 | 10699258 | 10606211 | 1.10 | cps |
| Arsenic | 75-2 | 500236 | 501353 | 502165 | 501251 | 0.19 | cps |
| Barium | 135-1 | 14074249 | 14186494 | 14391896 | 14217547 | 1.13 | cps |
| Barium | 137-1 | 24404317 | 24785696 | 24612815 | 24600943 | 0.78 | cps |
| Beryllium | 9-1 | 1523656 | 1541064 | 1561409 | 1542043 | 1.23 | cps |
| Bismuth | 209-1 | 6688831 | 6823256 | 6690371 | 6734153 | 1.15 | cps |
| Bismuth | 209-2 | 4645218 | 4639140 | 4614811 | 4633056 | 0.35 | cps |
| Bromine | 81-1 | 10314 | 11001 | 10691 | 10668 | 3.23 | cps |
| Bromine | 81-2 | 43 | 80 | 73 | 66 | 29.80 | cps |
| Cadmium | 108-1 | 185115 | 185209 | 185744 | 185356 | 0.18 | cps |
| Cadmium | 106-1 | 262854 | 267366 | 266683 | 265634 | 0.92 | cps |
| Cadmium | 111-1 | 2669030 | 2728349 | 2703138 | 2700172 | 1.10 | cps |
| Calcium | 43-1 | 3071706 | 3104530 | 3076812 | 3084349 | 0.57 | cps |
| Calcium | 44-1 | 45988604 | 46455729 | 46516969 | 46320434 | 0.62 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4112360 | 4101962 | 4103067 | 4105796 | 0.14 | cps |
| Cobalt | 59-2 | 6293136 | 6271596 | 6343228 | 6302653 | 0.58 | cps |
| Copper | 63-2 | 45632223 | 45743279 | 45913406 | 45762969 | 0.31 | cps |
| Dysprosium | 156-1 | 273 | 290 | 273 | 279 | 3.45 | cps |
| Dysprosium | 156-2 | 517 | 623 | 623 | 588 | 10.48 | cps |
| Erbium | 164-1 | 217 | 217 | 220 | 218 | 0.88 | cps |
| Erbium | 164-2 | 140 | 127 | 127 | 131 | 5.87 | cps |
| Gadolinium | 160-1 | 167 | 117 | 150 | 144 | 17.62 | cps |
| Gadolinium | 160-2 | 323 | 303 | 350 | 326 | 7.19 | cps |
| Holmium | 165-1 | 10880684 | 11034636 | 10945994 | 10953771 | 0.71 | cps |
| Holmium | 165-2 | 6700892 | 6721366 | 6754860 | 6725706 | 0.41 | cps |
| Indium | 115-1 | 8013890 | 7915903 | 7934168 | 7954654 | 0.66 | cps |
| Indium | 115-2 | 2432706 | 2420534 | 2432403 | 2428548 | 0.29 | cps |
| Iron | 56-2 | 179926044 | 180093751 | 181911297 | 180643697 | 0.61 | cps |
| Iron | 57-2 | 4517749 | 4460247 | 4541946 | 4506647 | 0.93 | cps |
| Iron | 54-2 | 10020727 | 9967162 | 10141457 | 10043115 | 0.89 | cps |
| Krypton | 83-1 | 170 | 177 | 213 | 187 | 12.50 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 42450336 | 43047459 | 43706199 | 43067998 | 1.46 | cps |
| Lead | 207-1 | 37709093 | 37960324 | 38765781 | 38145066 | 1.45 | cps |
| Lead | 208-1 | 171413461 | 172979077 | 175107152 | 173166564 | 1.07 | cps |
| Lithium | 6-1 | 1410417 | 1452072 | 1406673 | 1423054 | 1.77 | cps |
| Magnesium | 24-2 | 37963113 | 37916552 | 38101969 | 37993878 | 0.25 | cps |
| Manganese | 55-2 | 30066175 | 30158622 | 30346869 | 30190555 | 0.47 | cps |
| Molybdenum | 94-1 | 38919664 | 39509940 | 39598923 | 39342842 | 0.94 | cps |
| Molybdenum | 95-1 | 57437557 | 57669889 | 58038484 | 57715310 | 0.53 | cps |
| Molybdenum | 96-1 | 63481969 | 62790181 | 62963639 | 63078596 | 0.57 | cps |
| Molybdenum | 97-1 | 36191612 | 36145134 | 36215359 | 36184035 | 0.10 | cps |
| Molybdenum | 98-1 | 93611579 | 93651595 | 93800209 | 93687794 | 0.11 | cps |
| Neodymium | 150-1 | 610 | 573 | 630 | 604 | 4.75 | cps |
| Neodymium | 150-2 | 133 | 157 | 123 | 138 | 12.41 | cps |
| Nickel | 60-2 | 1641595 | 1629550 | 1626570 | 1632572 | 0.49 | cps |
| Phosphorus | 31-2 | 235152 | 236019 | 236658 | 235943 | 0.32 | cps |
| Potassium | 39-2 | 23064604 | 22807446 | 23138986 | 23003679 | 0.76 | cps |
| Rhodium | 103-1 | 7320476 | 7333599 | 7204205 | 7286093 | 0.98 | cps |
| Rhodium | 103-2 | 4220064 | 4231889 | 4201062 | 4217672 | 0.37 | cps |
| Scandium | 45-1 | 4442732 | 4479519 | 4427008 | 4449753 | 0.61 | cps |
| Scandium | 45-2 | 400642 | 395739 | 399112 | 398498 | 0.63 | cps |
| Selenium | 82-1 | 153954 | 154822 | 155439 | 154738 | 0.48 | cps |
| Selenium | 77-2 | 14147 | 14497 | 14214 | 14286 | 1.30 | cps |
| Selenium | 78-2 | 47138 | 46677 | 47365 | 47060 | 0.75 | cps |
| Silicon | 28-1 | 17981868 | 17934366 | 17938046 | 17951427 | 0.15 | cps |
| Silver | 107-1 | 12769373 | 13059419 | 12964714 | 12931169 | 1.14 | cps |
| Silver | 109-1 | 12093626 | 12287851 | 12317326 | 12232934 | 0.99 | cps |
| Sodium | 23-2 | 64995694 | 65484021 | 65240596 | 65240103 | 0.37 | cps |
| Strontium | 86-1 | 83253487 | 83912755 | 83981895 | 83716046 | 0.48 | cps |
| Strontium | 88-1 | 726783403 | 738784869 | 742118282 | 735895518 | 1.10 | cps |
| Sulfur | 34-1 | 947877 | 957405 | 955038 | 953440 | 0.52 | cps |
| Terbium | 159-1 | 11174380 | 11398202 | 11198790 | 11257124 | 1.09 | cps |
| Terbium | 159-2 | 6646607 | 6744135 | 6686058 | 6692267 | 0.73 | cps |
| Thallium | 203-1 | 10614316 | 10802556 | 10893136 | 10770002 | 1.32 | cps |
| Thallium | 205-1 | 25437547 | 25932420 | 26354097 | 25908021 | 1.77 | cps |
| Tin | 118-1 | 9100145 | 9113109 | 9156879 | 9123378 | 0.33 | cps |
| Titanium | 47-1 | 13811958 | 13859945 | 13912579 | 13861494 | 0.36 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:02:47 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33422435 | 34715742 | 35278360 | 34472179 | 2.76 | cps |
| Vanadium | 51-2 | 3622267 | 3654135 | 3612245 | 3629549 | 0.60 | cps |
| Yttrium | 89-1 | 13379394 | 13467066 | 13297818 | 13381426 | 0.63 | cps |
| Yttrium | 89-2 | 3231480 | 3137141 | 3196806 | 3188476 | 1.50 | cps |
| Zinc | 66-2 | 7239340 | 7152563 | 7238204 | 7210036 | 0.69 | cps |
| Zirconium | 90-1 | 17615407 | 17964517 | 17996353 | 17858759 | 1.18 | cps |
| Zirconium | 91-1 | 3959155 | 4005086 | 4010518 | 3991586 | 0.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23837315 | 24015232 | 23809193 | 23887247 | 0.47 | cps |
| Antimony | 121-1 | 6778 | 6882 | 7465 | 7042 | 5.26 | cps |
| Arsenic | 75-2 | 317 | 253 | 320 | 297 | 12.66 | cps |
| Barium | 135-1 | 5018 | 5381 | 5264 | 5221 | 3.55 | cps |
| Barium | 137-1 | 9186 | 9427 | 9253 | 9289 | 1.33 | cps |
| Beryllium | 9-1 | 222 | 217 | 222 | 220 | 1.46 | cps |
| Bismuth | 209-1 | 6182766 | 5781594 | 5731770 | 5898710 | 4.19 | cps |
| Bismuth | 209-2 | 4104022 | 4161817 | 4098091 | 4121310 | 0.85 | cps |
| Bromine | 81-1 | 11568 | 11608 | 11461 | 11546 | 0.66 | cps |
| Bromine | 81-2 | 67 | 73 | 57 | 66 | 12.79 | cps |
| Cadmium | 108-1 | 50 | 87 | 97 | 78 | 31.59 | cps |
| Cadmium | 106-1 | 2900 | 2964 | 2857 | 2907 | 1.85 | cps |
| Cadmium | 111-1 | 2482 | 2401 | 2379 | 2420 | 2.24 | cps |
| Calcium | 43-1 | 13244432 | 13731760 | 13796976 | 13591056 | 2.22 | cps |
| Calcium | 44-1 | 214701097 | 222072890 | 224471083 | 220415023 | 2.31 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 13403 | 13423 | 13356 | 13394 | 0.26 | cps |
| Cobalt | 59-2 | 16803 | 16926 | 17097 | 16942 | 0.87 | cps |
| Copper | 63-2 | 9793 | 9997 | 9940 | 9910 | 1.06 | cps |
| Dysprosium | 156-1 | 433 | 477 | 383 | 431 | 10.83 | cps |
| Dysprosium | 156-2 | 243 | 340 | 350 | 311 | 18.94 | cps |
| Erbium | 164-1 | 517 | 493 | 380 | 463 | 15.78 | cps |
| Erbium | 164-2 | 243 | 257 | 270 | 257 | 5.20 | cps |
| Gadolinium | 160-1 | 363 | 360 | 343 | 356 | 3.01 | cps |
| Gadolinium | 160-2 | 497 | 463 | 480 | 480 | 3.47 | cps |
| Holmium | 165-1 | 10475709 | 10320613 | 10052358 | 10282893 | 2.08 | cps |
| Holmium | 165-2 | 6440358 | 6519108 | 6405892 | 6455119 | 0.90 | cps |
| Indium | 115-1 | 7692857 | 7687930 | 7648899 | 7676562 | 0.31 | cps |
| Indium | 115-2 | 2404512 | 2438142 | 2428297 | 2423650 | 0.71 | cps |
| Iron | 56-2 | 892568867 | 903146413 | 897846707 | 897853996 | 0.59 | cps |
| Iron | 57-2 | 22325430 | 22595124 | 22424948 | 22448501 | 0.61 | cps |
| Iron | 54-2 | 48830413 | 48824406 | 48641423 | 48765414 | 0.22 | cps |
| Krypton | 83-1 | 220 | 220 | 260 | 233 | 9.90 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7689 | 6992 | 7102 | 7261 | 5.16 | cps |
| Lead | 207-1 | 6492 | 6442 | 6348 | 6427 | 1.13 | cps |
| Lead | 208-1 | 30340 | 29216 | 28796 | 29451 | 2.71 | cps |
| Lithium | 6-1 | 1372788 | 1373502 | 1341815 | 1362702 | 1.33 | cps |
| Magnesium | 24-2 | 197472657 | 200057850 | 199140097 | 198890201 | 0.66 | cps |
| Manganese | 55-2 | 15496 | 14293 | 14223 | 14671 | 4.88 | cps |
| Molybdenum | 94-1 | 9390 | 9186 | 9136 | 9237 | 1.45 | cps |
| Molybdenum | 95-1 | 8543 | 8356 | 9036 | 8645 | 4.07 | cps |
| Molybdenum | 96-1 | 20745 | 21222 | 22260 | 21409 | 3.62 | cps |
| Molybdenum | 97-1 | 5378 | 5621 | 5438 | 5479 | 2.31 | cps |
| Molybdenum | 98-1 | 13096 | 12769 | 12575 | 12813 | 2.05 | cps |
| Neodymium | 150-1 | 223 | 207 | 223 | 218 | 4.42 | cps |
| Neodymium | 150-2 | 107 | 103 | 97 | 102 | 4.98 | cps |
| Nickel | 60-2 | 5658 | 5778 | 5858 | 5764 | 1.75 | cps |
| Phosphorus | 31-2 | 230 | 253 | 220 | 234 | 7.30 | cps |
| Potassium | 39-2 | 119334088 | 121448648 | 120229715 | 120337484 | 0.88 | cps |
| Rhodium | 103-1 | 6562444 | 6588604 | 6758913 | 6636654 | 1.61 | cps |
| Rhodium | 103-2 | 3901762 | 3912781 | 3887832 | 3900792 | 0.32 | cps |
| Scandium | 45-1 | 4415083 | 4464216 | 4487773 | 4455690 | 0.83 | cps |
| Scandium | 45-2 | 409220 | 408748 | 407351 | 408440 | 0.24 | cps |
| Selenium | 82-1 | 632 | 586 | 609 | 609 | 3.75 | cps |
| Selenium | 77-2 | 10 | 10 | 10 | 10 | 0.00 | cps |
| Selenium | 78-2 | 237 | 270 | 220 | 242 | 10.51 | cps |
| Silicon | 28-1 | 282624 | 281009 | 276859 | 280164 | 1.06 | cps |
| Silver | 107-1 | 2007 | 1737 | 1543 | 1762 | 13.21 | cps |
| Silver | 109-1 | 1807 | 1613 | 1513 | 1645 | 9.07 | cps |
| Sodium | 23-2 | 335339575 | 334328555 | 336570682 | 335412937 | 0.33 | cps |
| Strontium | 86-1 | 13923 | 13730 | 14117 | 13923 | 1.39 | cps |
| Strontium | 88-1 | 122777 | 122498 | 120368 | 121881 | 1.08 | cps |
| Sulfur | 34-1 | 158115 | 164306 | 166267 | 162896 | 2.61 | cps |
| Terbium | 159-1 | 10650539 | 10714550 | 10979024 | 10781371 | 1.62 | cps |
| Terbium | 159-2 | 6433075 | 6386809 | 6453054 | 6424313 | 0.53 | cps |
| Thallium | 203-1 | 1357 | 1123 | 1163 | 1215 | 10.28 | cps |
| Thallium | 205-1 | 3224 | 3180 | 2837 | 3080 | 6.88 | cps |
| Tin | 118-1 | 4701 | 4751 | 5221 | 4891 | 5.87 | cps |
| Titanium | 47-1 | 1740 | 1997 | 2030 | 1922 | 8.26 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:05:33 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2047 | 1790 | 1917 | 1918 | 6.69 | cps |
| Vanadium | 51-2 | 840 | 867 | 777 | 828 | 5.58 | cps |
| Yttrium | 89-1 | 13034264 | 12972006 | 13075443 | 13027238 | 0.40 | cps |
| Yttrium | 89-2 | 3143417 | 3182248 | 3179998 | 3168554 | 0.69 | cps |
| Zinc | 66-2 | 3167 | 3344 | 3154 | 3221 | 3.29 | cps |
| Zirconium | 90-1 | 10080 | 10040 | 10237 | 10119 | 1.03 | cps |
| Zirconium | 91-1 | 2210 | 2380 | 2424 | 2338 | 4.82 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 122188 | 123694 | 125017 | 123633 | 1.14 | cps |
| Antimony | 121-1 | 2146959 | 2163244 | 2207306 | 2172503 | 1.44 | cps |
| Arsenic | 75-2 | 108093 | 108220 | 108654 | 108323 | 0.27 | cps |
| Barium | 135-1 | 261565 | 262361 | 266202 | 263376 | 0.94 | cps |
| Barium | 137-1 | 455496 | 459899 | 461025 | 458807 | 0.64 | cps |
| Beryllium | 9-1 | 167014 | 166778 | 168862 | 167551 | 0.68 | cps |
| Bismuth | 209-1 | 6955017 | 6849729 | 6812246 | 6872331 | 1.08 | cps |
| Bismuth | 209-2 | 4815314 | 4828571 | 4768862 | 4804249 | 0.65 | cps |
| Bromine | 81-1 | 10280 | 10387 | 10644 | 10437 | 1.79 | cps |
| Bromine | 81-2 | 77 | 57 | 77 | 70 | 16.49 | cps |
| Cadmium | 108-1 | 17184 | 17247 | 17624 | 17352 | 1.37 | cps |
| Cadmium | 106-1 | 26270 | 26875 | 26698 | 26614 | 1.17 | cps |
| Cadmium | 111-1 | 266524 | 271219 | 272341 | 270028 | 1.14 | cps |
| Calcium | 43-1 | 59774 | 61377 | 61450 | 60867 | 1.56 | cps |
| Calcium | 44-1 | 980805 | 1001082 | 1005004 | 995630 | 1.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 451779 | 453166 | 450781 | 451909 | 0.27 | cps |
| Cobalt | 59-2 | 677579 | 682783 | 683479 | 681280 | 0.47 | cps |
| Copper | 63-2 | 462633 | 465088 | 466618 | 464780 | 0.43 | cps |
| Dysprosium | 156-1 | 60 | 33 | 47 | 47 | 28.58 | cps |
| Dysprosium | 156-2 | 27 | 20 | 43 | 30 | 40.05 | cps |
| Erbium | 164-1 | 63 | 77 | 43 | 61 | 27.46 | cps |
| Erbium | 164-2 | 57 | 50 | 63 | 57 | 11.76 | cps |
| Gadolinium | 160-1 | 53 | 50 | 73 | 59 | 21.43 | cps |
| Gadolinium | 160-2 | 260 | 283 | 253 | 266 | 5.93 | cps |
| Holmium | 165-1 | 10958575 | 10835485 | 10792136 | 10862066 | 0.79 | cps |
| Holmium | 165-2 | 6680076 | 6677273 | 6630473 | 6662607 | 0.42 | cps |
| Indium | 115-1 | 8466945 | 8425594 | 8446118 | 8446219 | 0.24 | cps |
| Indium | 115-2 | 2657573 | 2665142 | 2650078 | 2657598 | 0.28 | cps |
| Iron | 56-2 | 7714704 | 7795744 | 7833313 | 7781254 | 0.78 | cps |
| Iron | 57-2 | 199887 | 200874 | 202590 | 201117 | 0.68 | cps |
| Iron | 54-2 | 456104 | 455447 | 460219 | 457257 | 0.57 | cps |
| Krypton | 83-1 | 190 | 220 | 193 | 201 | 8.18 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1915373 | 1877089 | 1847174 | 1879879 | 1.82 | cps |
| Lead | 207-1 | 1371664 | 1374918 | 1369123 | 1371902 | 0.21 | cps |
| Lead | 208-1 | 7265869 | 7189437 | 7132943 | 7196083 | 0.93 | cps |
| Lithium | 6-1 | 1480707 | 1491573 | 1497666 | 1489982 | 0.58 | cps |
| Magnesium | 24-2 | 523106 | 530792 | 531479 | 528459 | 0.88 | cps |
| Manganese | 55-2 | 322390 | 329463 | 324979 | 325610 | 1.10 | cps |
| Molybdenum | 94-1 | 1930 | 2184 | 2007 | 2040 | 6.37 | cps |
| Molybdenum | 95-1 | 2224 | 2164 | 2114 | 2167 | 2.54 | cps |
| Molybdenum | 96-1 | 2467 | 2620 | 2504 | 2530 | 3.16 | cps |
| Molybdenum | 97-1 | 1363 | 1330 | 1330 | 1341 | 1.44 | cps |
| Molybdenum | 98-1 | 3150 | 3434 | 3624 | 3403 | 7.00 | cps |
| Neodymium | 150-1 | 13 | 27 | 20 | 20 | 33.35 | cps |
| Neodymium | 150-2 | 7 | 10 | 0 | 6 | 91.64 | cps |
| Nickel | 60-2 | 176084 | 176194 | 176569 | 176282 | 0.14 | cps |
| Phosphorus | 31-2 | 223 | 240 | 260 | 241 | 7.61 | cps |
| Potassium | 39-2 | 1079395 | 1091750 | 1091338 | 1087494 | 0.65 | cps |
| Rhodium | 103-1 | 7752328 | 7824947 | 7815701 | 7797659 | 0.51 | cps |
| Rhodium | 103-2 | 4551559 | 4584070 | 4591632 | 4575753 | 0.47 | cps |
| Scandium | 45-1 | 4572726 | 4673038 | 4662822 | 4636195 | 1.19 | cps |
| Scandium | 45-2 | 421906 | 423726 | 424901 | 423511 | 0.36 | cps |
| Selenium | 82-1 | 34061 | 34831 | 34868 | 34586 | 1.32 | cps |
| Selenium | 77-2 | 3284 | 3137 | 3230 | 3217 | 2.31 | cps |
| Selenium | 78-2 | 10681 | 10974 | 11068 | 10907 | 1.85 | cps |
| Silicon | 28-1 | 217276 | 225432 | 227697 | 223469 | 2.45 | cps |
| Silver | 107-1 | 621405 | 638708 | 644208 | 634774 | 1.87 | cps |
| Silver | 109-1 | 591261 | 603276 | 608008 | 600848 | 1.44 | cps |
| Sodium | 23-2 | 1450572 | 1458891 | 1466592 | 1458685 | 0.55 | cps |
| Strontium | 86-1 | 3620 | 3724 | 3434 | 3593 | 4.09 | cps |
| Strontium | 88-1 | 29079 | 29683 | 29272 | 29345 | 1.05 | cps |
| Sulfur | 34-1 | 173304 | 175569 | 180014 | 176295 | 1.94 | cps |
| Terbium | 159-1 | 11178831 | 11177310 | 10997464 | 11117868 | 0.94 | cps |
| Terbium | 159-2 | 6638101 | 6771286 | 6748923 | 6719437 | 1.06 | cps |
| Thallium | 203-1 | 2387600 | 2387130 | 2334208 | 2369646 | 1.30 | cps |
| Thallium | 205-1 | 5635470 | 5638152 | 5585325 | 5619649 | 0.53 | cps |
| Tin | 118-1 | 2364 | 2394 | 2810 | 2522 | 9.90 | cps |
| Titanium | 47-1 | 593 | 607 | 710 | 637 | 10.03 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:09:41 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 973 | 857 | 860 | 897 | 7.41 | cps |
| Vanadium | 51-2 | 385831 | 388177 | 390770 | 388259 | 0.64 | cps |
| Yttrium | 89-1 | 13610686 | 13610800 | 13645849 | 13622445 | 0.15 | cps |
| Yttrium | 89-2 | 3311588 | 3293900 | 3354854 | 3320114 | 0.94 | cps |
| Zinc | 66-2 | 150894 | 151654 | 151722 | 151423 | 0.30 | cps |
| Zirconium | 90-1 | 2227 | 2214 | 2320 | 2254 | 2.58 | cps |
| Zirconium | 91-1 | 680 | 600 | 767 | 682 | 12.22 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 903 | 890 | 817 | 870 | 5.36 | cps |
| Antimony | 121-1 | 1527 | 1717 | 1823 | 1689 | 8.90 | cps |
| Arsenic | 75-2 | 33 | 23 | 23 | 27 | 21.65 | cps |
| Barium | 135-1 | 370 | 347 | 470 | 396 | 16.56 | cps |
| Barium | 137-1 | 643 | 613 | 667 | 641 | 4.17 | cps |
| Beryllium | 9-1 | 161 | 100 | 144 | 135 | 23.37 | cps |
| Bismuth | 209-1 | 6849812 | 6722817 | 6707937 | 6760188 | 1.15 | cps |
| Bismuth | 209-2 | 4907761 | 4295742 | 4558556 | 4587353 | 6.69 | cps |
| Bromine | 81-1 | 11141 | 11745 | 11288 | 11391 | 2.76 | cps |
| Bromine | 81-2 | 60 | 80 | 83 | 74 | 16.95 | cps |
| Cadmium | 108-1 | 13 | 7 | 17 | 12 | 41.65 | cps |
| Cadmium | 106-1 | 2977 | 2964 | 2830 | 2924 | 2.77 | cps |
| Cadmium | 111-1 | 2225 | 2173 | 2063 | 2154 | 3.84 | cps |
| Calcium | 43-1 | 640 | 587 | 690 | 639 | 8.09 | cps |
| Calcium | 44-1 | 17594 | 17774 | 17971 | 17780 | 1.06 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 667 | 730 | 653 | 683 | 5.99 | cps |
| Cobalt | 59-2 | 177 | 200 | 207 | 194 | 8.10 | cps |
| Copper | 63-2 | 2030 | 2087 | 2067 | 2061 | 1.39 | cps |
| Dysprosium | 156-1 | 33 | 37 | 40 | 37 | 9.10 | cps |
| Dysprosium | 156-2 | 27 | 23 | 20 | 23 | 14.29 | cps |
| Erbium | 164-1 | 73 | 53 | 67 | 64 | 15.80 | cps |
| Erbium | 164-2 | 37 | 37 | 30 | 34 | 11.18 | cps |
| Gadolinium | 160-1 | 53 | 73 | 57 | 61 | 17.53 | cps |
| Gadolinium | 160-2 | 307 | 257 | 250 | 271 | 11.42 | cps |
| Holmium | 165-1 | 10978172 | 10863660 | 10523329 | 10788387 | 2.19 | cps |
| Holmium | 165-2 | 6787438 | 5959608 | 6178680 | 6308576 | 6.80 | cps |
| Indium | 115-1 | 8572305 | 8786090 | 8567833 | 8642076 | 1.44 | cps |
| Indium | 115-2 | 2732914 | 2415685 | 2498419 | 2549006 | 6.46 | cps |
| Iron | 56-2 | 34480 | 34463 | 32973 | 33972 | 2.55 | cps |
| Iron | 57-2 | 1937 | 1800 | 1990 | 1909 | 5.13 | cps |
| Iron | 54-2 | 2820 | 3014 | 3000 | 2945 | 3.67 | cps |
| Krypton | 83-1 | 190 | 177 | 227 | 198 | 13.09 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1960 | 1984 | 2057 | 2000 | 2.52 | cps |
| Lead | 207-1 | 1913 | 1820 | 1913 | 1882 | 2.86 | cps |
| Lead | 208-1 | 8154 | 8181 | 8328 | 8221 | 1.14 | cps |
| Lithium | 6-1 | 1449528 | 1452883 | 1455459 | 1452624 | 0.20 | cps |
| Magnesium | 24-2 | 5688 | 5624 | 5454 | 5589 | 2.16 | cps |
| Manganese | 55-2 | 920 | 877 | 873 | 890 | 2.93 | cps |
| Molybdenum | 94-1 | 1107 | 1117 | 1273 | 1166 | 8.02 | cps |
| Molybdenum | 95-1 | 1363 | 1423 | 1500 | 1429 | 4.79 | cps |
| Molybdenum | 96-1 | 1547 | 1677 | 1700 | 1641 | 5.03 | cps |
| Molybdenum | 97-1 | 907 | 957 | 930 | 931 | 2.69 | cps |
| Molybdenum | 98-1 | 2240 | 2227 | 2317 | 2261 | 2.15 | cps |
| Neodymium | 150-1 | 10 | 3 | 7 | 7 | 50.03 | cps |
| Neodymium | 150-2 | 0 | 10 | 0 | 3 | 173.21 | cps |
| Nickel | 60-2 | 93 | 117 | 57 | 89 | 34.03 | cps |
| Phosphorus | 31-2 | 177 | 237 | 207 | 207 | 14.52 | cps |
| Potassium | 39-2 | 58616 | 58877 | 57826 | 58439 | 0.94 | cps |
| Rhodium | 103-1 | 8148301 | 8112913 | 8062805 | 8108006 | 0.53 | cps |
| Rhodium | 103-2 | 4720816 | 4002330 | 4266119 | 4329755 | 8.39 | cps |
| Scandium | 45-1 | 4906413 | 4867034 | 4861471 | 4878306 | 0.50 | cps |
| Scandium | 45-2 | 430008 | 385889 | 400152 | 405350 | 5.55 | cps |
| Selenium | 82-1 | 499 | 505 | 413 | 472 | 10.90 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 263 | 253 | 280 | 266 | 5.07 | cps |
| Silicon | 28-1 | 222218 | 225784 | 235034 | 227679 | 2.91 | cps |
| Silver | 107-1 | 740 | 683 | 617 | 680 | 9.08 | cps |
| Silver | 109-1 | 613 | 613 | 627 | 618 | 1.25 | cps |
| Sodium | 23-2 | 54372 | 53389 | 52138 | 53300 | 2.10 | cps |
| Strontium | 86-1 | 2127 | 2177 | 2000 | 2101 | 4.33 | cps |
| Strontium | 88-1 | 15588 | 16079 | 16022 | 15896 | 1.69 | cps |
| Sulfur | 34-1 | 181079 | 182303 | 183360 | 182248 | 0.63 | cps |
| Terbium | 159-1 | 11151773 | 10906452 | 10944737 | 11000987 | 1.20 | cps |
| Terbium | 159-2 | 6694226 | 5925420 | 6241343 | 6286996 | 6.15 | cps |
| Thallium | 203-1 | 673 | 733 | 617 | 674 | 8.65 | cps |
| Thallium | 205-1 | 1840 | 1723 | 1643 | 1736 | 5.70 | cps |
| Tin | 118-1 | 1647 | 1790 | 1753 | 1730 | 4.30 | cps |
| Titanium | 47-1 | 363 | 400 | 453 | 406 | 11.16 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:12:57 | DataFile Name : | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 670 | 683 | 663 | 672 | 1.51 | cps |
| Vanadium | 51-2 | 113 | 127 | 103 | 114 | 10.23 | cps |
| Yttrium | 89-1 | 14112592 | 14161726 | 14054117 | 14109479 | 0.38 | cps |
| Yttrium | 89-2 | 3342709 | 3032922 | 3141249 | 3172293 | 4.96 | cps |
| Zinc | 66-2 | 883 | 840 | 857 | 860 | 2.54 | cps |
| Zirconium | 90-1 | 1087 | 1133 | 1137 | 1119 | 2.50 | cps |
| Zirconium | 91-1 | 177 | 277 | 243 | 232 | 21.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21610757 | 21654160 | 21494950 | 21586622 | 0.38 | cps |
| Antimony | 121-1 | 11755 | 11992 | 12539 | 12095 | 3.32 | cps |
| Arsenic | 75-2 | 203 | 260 | 227 | 230 | 12.38 | cps |
| Barium | 135-1 | 3934 | 3964 | 3981 | 3959 | 0.60 | cps |
| Barium | 137-1 | 6768 | 6852 | 6618 | 6746 | 1.75 | cps |
| Beryllium | 9-1 | 578 | 483 | 517 | 526 | 9.11 | cps |
| Bismuth | 209-1 | 6662025 | 6556821 | 6657904 | 6625583 | 0.90 | cps |
| Bismuth | 209-2 | 4649005 | 4613812 | 4635852 | 4632890 | 0.38 | cps |
| Bromine | 81-1 | 11438 | 11188 | 11598 | 11408 | 1.81 | cps |
| Bromine | 81-2 | 180 | 143 | 127 | 150 | 18.19 | cps |
| Cadmium | 108-1 | 1287 | 1370 | 1253 | 1303 | 4.61 | cps |
| Cadmium | 106-1 | 2770 | 2830 | 2874 | 2825 | 1.84 | cps |
| Cadmium | 111-1 | 2812 | 2882 | 2921 | 2872 | 1.92 | cps |
| Calcium | 43-1 | 2755362 | 2750661 | 2789983 | 2765335 | 0.78 | cps |
| Calcium | 44-1 | 43834678 | 44155204 | 44435743 | 44141875 | 0.68 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 85732 | 87471 | 86355 | 86519 | 1.02 | cps |
| Cobalt | 59-2 | 8179 | 7939 | 8076 | 8064 | 1.49 | cps |
| Copper | 63-2 | 35145 | 35472 | 34025 | 34881 | 2.17 | cps |
| Dysprosium | 156-1 | 47 | 57 | 60 | 54 | 12.74 | cps |
| Dysprosium | 156-2 | 60 | 40 | 47 | 49 | 20.83 | cps |
| Erbium | 164-1 | 127 | 123 | 117 | 122 | 4.17 | cps |
| Erbium | 164-2 | 60 | 83 | 57 | 67 | 21.79 | cps |
| Gadolinium | 160-1 | 70 | 53 | 87 | 70 | 23.81 | cps |
| Gadolinium | 160-2 | 320 | 293 | 330 | 314 | 6.03 | cps |
| Holmium | 165-1 | 11118018 | 11101814 | 10907067 | 11042300 | 1.06 | cps |
| Holmium | 165-2 | 6796264 | 6890512 | 6764887 | 6817221 | 0.96 | cps |
| Indium | 115-1 | 8393640 | 8249581 | 8309042 | 8317421 | 0.87 | cps |
| Indium | 115-2 | 2565970 | 2600422 | 2616893 | 2594428 | 1.00 | cps |
| Iron | 56-2 | 363658141 | 369647168 | 368782861 | 367362723 | 0.88 | cps |
| Iron | 57-2 | 9117765 | 9138190 | 9154183 | 9136713 | 0.20 | cps |
| Iron | 54-2 | 20099233 | 20321784 | 20109304 | 20176774 | 0.62 | cps |
| Krypton | 83-1 | 213 | 247 | 237 | 232 | 7.37 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33932 | 34828 | 35677 | 34812 | 2.51 | cps |
| Lead | 207-1 | 27388 | 28062 | 28517 | 27989 | 2.03 | cps |
| Lead | 208-1 | 129956 | 132393 | 133693 | 132014 | 1.44 | cps |
| Lithium | 6-1 | 1442819 | 1433988 | 1434388 | 1437065 | 0.35 | cps |
| Magnesium | 24-2 | 39016906 | 38686607 | 38915009 | 38872841 | 0.44 | cps |
| Manganese | 55-2 | 25141 | 24797 | 25074 | 25004 | 0.73 | cps |
| Molybdenum | 94-1 | 5808504 | 5869376 | 5831928 | 5836603 | 0.53 | cps |
| Molybdenum | 95-1 | 10372247 | 10349580 | 10376689 | 10366172 | 0.14 | cps |
| Molybdenum | 96-1 | 11026779 | 10990394 | 11092952 | 11036709 | 0.47 | cps |
| Molybdenum | 97-1 | 6273257 | 6366920 | 6529974 | 6390050 | 2.03 | cps |
| Molybdenum | 98-1 | 16320227 | 16617946 | 16610205 | 16516126 | 1.03 | cps |
| Neodymium | 150-1 | 50 | 50 | 53 | 51 | 3.76 | cps |
| Neodymium | 150-2 | 33 | 17 | 27 | 26 | 32.81 | cps |
| Nickel | 60-2 | 8686 | 8979 | 8666 | 8777 | 2.00 | cps |
| Phosphorus | 31-2 | 1199474 | 1180650 | 1185441 | 1188522 | 0.82 | cps |
| Potassium | 39-2 | 46834008 | 46933458 | 46671413 | 46812959 | 0.28 | cps |
| Rhodium | 103-1 | 7600020 | 7438501 | 7280017 | 7439513 | 2.15 | cps |
| Rhodium | 103-2 | 4309877 | 4298297 | 4308105 | 4305426 | 0.14 | cps |
| Scandium | 45-1 | 4801421 | 4689491 | 4650280 | 4713730 | 1.66 | cps |
| Scandium | 45-2 | 414837 | 418201 | 415146 | 416061 | 0.45 | cps |
| Selenium | 82-1 | 474 | 404 | 437 | 439 | 8.03 | cps |
| Selenium | 77-2 | 3 | 7 | 3 | 4 | 43.40 | cps |
| Selenium | 78-2 | 270 | 227 | 253 | 250 | 8.74 | cps |
| Silicon | 28-1 | 312939 | 315913 | 319420 | 316091 | 1.03 | cps |
| Silver | 107-1 | 1493 | 1370 | 1310 | 1391 | 6.72 | cps |
| Silver | 109-1 | 1490 | 1190 | 1047 | 1242 | 18.21 | cps |
| Sodium | 23-2 | 66265052 | 67013127 | 66562294 | 66613491 | 0.57 | cps |
| Strontium | 86-1 | 115327 | 115156 | 115583 | 115355 | 0.19 | cps |
| Strontium | 88-1 | 998857 | 1015355 | 1010524 | 1008245 | 0.84 | cps |
| Sulfur | 34-1 | 4042691 | 4078753 | 4080418 | 4067287 | 0.52 | cps |
| Terbium | 159-1 | 11301200 | 11323263 | 11314250 | 11312904 | 0.10 | cps |
| Terbium | 159-2 | 6772244 | 6745787 | 6847371 | 6788467 | 0.78 | cps |
| Thallium | 203-1 | 1390 | 1383 | 1310 | 1361 | 3.26 | cps |
| Thallium | 205-1 | 3394 | 3147 | 3134 | 3225 | 4.54 | cps |
| Tin | 118-1 | 2887 | 2884 | 2930 | 2900 | 0.90 | cps |
| Titanium | 47-1 | 2606048 | 2598652 | 2639668 | 2614789 | 0.84 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:16:13 | DataFile Name : | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 843 | 1033 | 877 | 918 | 11.05 | cps |
| Vanadium | 51-2 | 757 | 790 | 837 | 794 | 5.06 | cps |
| Yttrium | 89-1 | 14029142 | 13728909 | 13742781 | 13833611 | 1.23 | cps |
| Yttrium | 89-2 | 3338927 | 3309844 | 3276637 | 3308469 | 0.94 | cps |
| Zinc | 66-2 | 8969 | 9009 | 8716 | 8898 | 1.79 | cps |
| Zirconium | 90-1 | 1413 | 1417 | 1493 | 1441 | 3.14 | cps |
| Zirconium | 91-1 | 300 | 270 | 343 | 304 | 12.11 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21267339 | 21631091 | 21080270 | 21326233 | 1.31 | cps |
| Antimony | 121-1 | 212700 | 214412 | 214733 | 213948 | 0.51 | cps |
| Arsenic | 75-2 | 10691 | 10254 | 10270 | 10405 | 2.38 | cps |
| Barium | 135-1 | 56381 | 56431 | 54818 | 55877 | 1.64 | cps |
| Barium | 137-1 | 97203 | 98172 | 96330 | 97235 | 0.95 | cps |
| Beryllium | 9-1 | 32957 | 33069 | 33024 | 33017 | 0.17 | cps |
| Bismuth | 209-1 | 6728644 | 6862798 | 6117479 | 6569641 | 6.05 | cps |
| Bismuth | 209-2 | 4755022 | 4714730 | 4668985 | 4712912 | 0.91 | cps |
| Bromine | 81-1 | 12085 | 11601 | 11648 | 11778 | 2.27 | cps |
| Bromine | 81-2 | 183 | 147 | 137 | 156 | 15.80 | cps |
| Cadmium | 108-1 | 4554 | 4707 | 4621 | 4627 | 1.66 | cps |
| Cadmium | 106-1 | 7262 | 7332 | 7158 | 7251 | 1.20 | cps |
| Cadmium | 111-1 | 52748 | 52375 | 52699 | 52607 | 0.39 | cps |
| Calcium | 43-1 | 2729494 | 2739719 | 2763359 | 2744191 | 0.63 | cps |
| Calcium | 44-1 | 44046101 | 44244291 | 44686704 | 44325699 | 0.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 170603 | 170981 | 170740 | 170775 | 0.11 | cps |
| Cobalt | 59-2 | 134157 | 134220 | 135058 | 134478 | 0.37 | cps |
| Copper | 63-2 | 119549 | 118864 | 118616 | 119010 | 0.41 | cps |
| Dysprosium | 156-1 | 73 | 57 | 73 | 68 | 14.19 | cps |
| Dysprosium | 156-2 | 67 | 53 | 53 | 58 | 13.33 | cps |
| Erbium | 164-1 | 97 | 140 | 107 | 114 | 19.82 | cps |
| Erbium | 164-2 | 67 | 77 | 70 | 71 | 7.16 | cps |
| Gadolinium | 160-1 | 70 | 73 | 50 | 64 | 19.58 | cps |
| Gadolinium | 160-2 | 243 | 260 | 323 | 276 | 15.32 | cps |
| Holmium | 165-1 | 11306456 | 11380839 | 10329248 | 11005514 | 5.33 | cps |
| Holmium | 165-2 | 6970348 | 6870439 | 6863976 | 6901587 | 0.86 | cps |
| Indium | 115-1 | 8514050 | 8479752 | 7545246 | 8179683 | 6.72 | cps |
| Indium | 115-2 | 2642996 | 2652751 | 2564968 | 2620238 | 1.84 | cps |
| Iron | 56-2 | 363233981 | 369446021 | 369220101 | 367300035 | 0.96 | cps |
| Iron | 57-2 | 9108534 | 9155594 | 9013632 | 9092587 | 0.80 | cps |
| Iron | 54-2 | 19959334 | 19871175 | 19963761 | 19931423 | 0.26 | cps |
| Krypton | 83-1 | 203 | 233 | 273 | 237 | 14.84 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 199898 | 202101 | 202544 | 201514 | 0.70 | cps |
| Lead | 207-1 | 167046 | 167596 | 171586 | 168743 | 1.47 | cps |
| Lead | 208-1 | 771911 | 778398 | 789705 | 780004 | 1.15 | cps |
| Lithium | 6-1 | 1489322 | 1452028 | 1334066 | 1425139 | 5.69 | cps |
| Magnesium | 24-2 | 38604874 | 39085104 | 38248420 | 38646132 | 1.09 | cps |
| Manganese | 55-2 | 85048 | 85628 | 85639 | 85438 | 0.40 | cps |
| Molybdenum | 94-1 | 5884835 | 5885324 | 5872020 | 5880726 | 0.13 | cps |
| Molybdenum | 95-1 | 10259386 | 10381999 | 10349760 | 10330382 | 0.62 | cps |
| Molybdenum | 96-1 | 10987768 | 11152003 | 11127533 | 11089101 | 0.80 | cps |
| Molybdenum | 97-1 | 6471826 | 6461437 | 6514185 | 6482483 | 0.43 | cps |
| Molybdenum | 98-1 | 16557386 | 16531881 | 16798983 | 16629417 | 0.89 | cps |
| Neodymium | 150-1 | 67 | 40 | 93 | 67 | 40.00 | cps |
| Neodymium | 150-2 | 40 | 17 | 50 | 36 | 48.10 | cps |
| Nickel | 60-2 | 40174 | 39402 | 39920 | 39832 | 0.99 | cps |
| Phosphorus | 31-2 | 1180836 | 1161582 | 1169964 | 1170794 | 0.82 | cps |
| Potassium | 39-2 | 46293898 | 46063776 | 46262989 | 46206888 | 0.27 | cps |
| Rhodium | 103-1 | 7605986 | 7560035 | 6789126 | 7318382 | 6.27 | cps |
| Rhodium | 103-2 | 4376039 | 4395426 | 4365406 | 4378957 | 0.35 | cps |
| Scandium | 45-1 | 4771977 | 4808526 | 4272728 | 4617744 | 6.48 | cps |
| Scandium | 45-2 | 422440 | 422474 | 422237 | 422384 | 0.03 | cps |
| Selenium | 82-1 | 3605 | 3651 | 3636 | 3631 | 0.65 | cps |
| Selenium | 77-2 | 283 | 293 | 290 | 289 | 1.76 | cps |
| Selenium | 78-2 | 1167 | 1147 | 1203 | 1172 | 2.45 | cps |
| Silicon | 28-1 | 323695 | 326371 | 332287 | 327451 | 1.34 | cps |
| Silver | 107-1 | 234078 | 235037 | 237265 | 235460 | 0.69 | cps |
| Silver | 109-1 | 221330 | 222718 | 225101 | 223050 | 0.86 | cps |
| Sodium | 23-2 | 66310139 | 66855089 | 65183634 | 66116287 | 1.29 | cps |
| Strontium | 86-1 | 115680 | 114846 | 117313 | 115946 | 1.08 | cps |
| Strontium | 88-1 | 1007633 | 1012271 | 1020809 | 1013571 | 0.66 | cps |
| Sulfur | 34-1 | 4113338 | 4129119 | 4110692 | 4117716 | 0.24 | cps |
| Terbium | 159-1 | 11717730 | 11535086 | 10604461 | 11285759 | 5.29 | cps |
| Terbium | 159-2 | 6909560 | 6857285 | 6833589 | 6866811 | 0.57 | cps |
| Thallium | 203-1 | 196392 | 196725 | 195489 | 196202 | 0.33 | cps |
| Thallium | 205-1 | 466969 | 471639 | 472937 | 470515 | 0.67 | cps |
| Tin | 118-1 | 2627 | 2820 | 2950 | 2799 | 5.81 | cps |
| Titanium | 47-1 | 2653553 | 2646285 | 2658186 | 2652675 | 0.23 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:19:16 | DataFile Name : | 016ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 890 | 953 | 1007 | 950 | 6.15 | cps |
| Vanadium | 51-2 | 75032 | 74928 | 75575 | 75178 | 0.46 | cps |
| Yttrium | 89-1 | 14037033 | 14097790 | 12605896 | 13580240 | 6.22 | cps |
| Yttrium | 89-2 | 3344046 | 3340410 | 3327499 | 3337318 | 0.26 | cps |
| Zinc | 66-2 | 23512 | 23071 | 22694 | 23092 | 1.77 | cps |
| Zirconium | 90-1 | 1210 | 1167 | 1253 | 1210 | 3.58 | cps |
| Zirconium | 91-1 | 267 | 287 | 257 | 270 | 5.66 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12094214 | 11998969 | 12003286 | 12032156 | 0.45 | cps |
| Antimony | 121-1 | 5291456 | 5338363 | 5331550 | 5320456 | 0.48 | cps |
| Arsenic | 75-2 | 270314 | 266950 | 269204 | 268822 | 0.64 | cps |
| Barium | 135-1 | 7131801 | 7322961 | 7278649 | 7244470 | 1.38 | cps |
| Barium | 137-1 | 12358661 | 12533035 | 12593230 | 12494975 | 0.98 | cps |
| Beryllium | 9-1 | 791834 | 806544 | 797686 | 798688 | 0.93 | cps |
| Bismuth | 209-1 | 6545811 | 6598424 | 6571472 | 6571902 | 0.40 | cps |
| Bismuth | 209-2 | 4499679 | 4462176 | 4525549 | 4495801 | 0.71 | cps |
| Bromine | 81-1 | 11515 | 11578 | 11781 | 11625 | 1.20 | cps |
| Bromine | 81-2 | 97 | 97 | 110 | 101 | 7.61 | cps |
| Cadmium | 108-1 | 96777 | 96632 | 96297 | 96569 | 0.25 | cps |
| Cadmium | 106-1 | 139943 | 141329 | 140963 | 140745 | 0.51 | cps |
| Cadmium | 111-1 | 1293594 | 1302515 | 1313098 | 1303069 | 0.75 | cps |
| Calcium | 43-1 | 7199764 | 7322147 | 7271140 | 7264350 | 0.85 | cps |
| Calcium | 44-1 | 114913455 | 116445365 | 115606265 | 115655028 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2211006 | 2184685 | 2166552 | 2187414 | 1.02 | cps |
| Cobalt | 59-2 | 3446084 | 3380523 | 3415476 | 3414028 | 0.96 | cps |
| Copper | 63-2 | 24048344 | 23912122 | 23908795 | 23956420 | 0.33 | cps |
| Dysprosium | 156-1 | 317 | 310 | 323 | 317 | 2.10 | cps |
| Dysprosium | 156-2 | 460 | 423 | 403 | 429 | 6.70 | cps |
| Erbium | 164-1 | 290 | 353 | 363 | 336 | 11.85 | cps |
| Erbium | 164-2 | 187 | 183 | 187 | 186 | 1.04 | cps |
| Gadolinium | 160-1 | 250 | 293 | 243 | 262 | 10.35 | cps |
| Gadolinium | 160-2 | 400 | 393 | 327 | 373 | 10.86 | cps |
| Holmium | 165-1 | 11180526 | 11407147 | 11245416 | 11277696 | 1.03 | cps |
| Holmium | 165-2 | 6833533 | 6735530 | 6898995 | 6822686 | 1.21 | cps |
| Indium | 115-1 | 8333075 | 8273373 | 8275592 | 8294014 | 0.41 | cps |
| Indium | 115-2 | 2537775 | 2546795 | 2582734 | 2555768 | 0.93 | cps |
| Iron | 56-2 | 466130473 | 467261193 | 467169113 | 466853593 | 0.13 | cps |
| Iron | 57-2 | 11741397 | 11630302 | 11578566 | 11650088 | 0.71 | cps |
| Iron | 54-2 | 25425109 | 25499527 | 25743333 | 25555990 | 0.65 | cps |
| Krypton | 83-1 | 280 | 253 | 163 | 232 | 26.32 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20991983 | 20952356 | 20593567 | 20845969 | 1.05 | cps |
| Lead | 207-1 | 18488811 | 18629284 | 18217269 | 18445122 | 1.14 | cps |
| Lead | 208-1 | 83839565 | 83666643 | 82816667 | 83440958 | 0.66 | cps |
| Lithium | 6-1 | 1385342 | 1408783 | 1453825 | 1415983 | 2.46 | cps |
| Magnesium | 24-2 | 106032765 | 105749782 | 106314515 | 106032354 | 0.27 | cps |
| Manganese | 55-2 | 15668791 | 15786679 | 15818562 | 15758011 | 0.50 | cps |
| Molybdenum | 94-1 | 20515301 | 20650480 | 20896172 | 20687318 | 0.93 | cps |
| Molybdenum | 95-1 | 29876102 | 30012956 | 30610028 | 30166362 | 1.29 | cps |
| Molybdenum | 96-1 | 32480759 | 32876993 | 33549771 | 32969174 | 1.64 | cps |
| Molybdenum | 97-1 | 18705429 | 18912023 | 18910858 | 18842770 | 0.63 | cps |
| Molybdenum | 98-1 | 47824321 | 48606018 | 48892069 | 48440803 | 1.14 | cps |
| Neodymium | 150-1 | 500 | 460 | 403 | 454 | 10.69 | cps |
| Neodymium | 150-2 | 147 | 123 | 163 | 144 | 13.91 | cps |
| Nickel | 60-2 | 820399 | 814784 | 815678 | 816954 | 0.37 | cps |
| Phosphorus | 31-2 | 127419 | 126121 | 126346 | 126628 | 0.55 | cps |
| Potassium | 39-2 | 60981687 | 61041722 | 61370839 | 61131416 | 0.34 | cps |
| Rhodium | 103-1 | 7382760 | 7534998 | 7448852 | 7455537 | 1.02 | cps |
| Rhodium | 103-2 | 4260996 | 4257207 | 4287980 | 4268728 | 0.39 | cps |
| Scandium | 45-1 | 4831635 | 4858149 | 4824403 | 4838062 | 0.37 | cps |
| Scandium | 45-2 | 435135 | 429760 | 434168 | 433021 | 0.66 | cps |
| Selenium | 82-1 | 81450 | 83628 | 83206 | 82761 | 1.40 | cps |
| Selenium | 77-2 | 7415 | 7462 | 7319 | 7399 | 0.99 | cps |
| Selenium | 78-2 | 25051 | 25095 | 24834 | 24993 | 0.56 | cps |
| Silicon | 28-1 | 41185962 | 41488365 | 41694251 | 41456193 | 0.62 | cps |
| Silver | 107-1 | 6739791 | 6752044 | 6700988 | 6730941 | 0.40 | cps |
| Silver | 109-1 | 6303084 | 6314006 | 6404817 | 6340636 | 0.88 | cps |
| Sodium | 23-2 | 170083964 | 170978354 | 170185254 | 170415857 | 0.29 | cps |
| Strontium | 86-1 | 43289344 | 43674786 | 43551301 | 43505144 | 0.45 | cps |
| Strontium | 88-1 | 379103381 | 383077034 | 385538928 | 382573114 | 0.85 | cps |
| Sulfur | 34-1 | 582713 | 582063 | 585093 | 583289 | 0.27 | cps |
| Terbium | 159-1 | 11473160 | 11651804 | 11423513 | 11516159 | 1.04 | cps |
| Terbium | 159-2 | 6786872 | 6783210 | 6817609 | 6795897 | 0.28 | cps |
| Thallium | 203-1 | 5263617 | 5284919 | 5172204 | 5240247 | 1.14 | cps |
| Thallium | 205-1 | 12532201 | 12532159 | 12430485 | 12498281 | 0.47 | cps |
| Tin | 118-1 | 4526617 | 4535820 | 4450711 | 4504383 | 1.04 | cps |
| Titanium | 47-1 | 7369471 | 7475858 | 7449492 | 7431607 | 0.75 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:22:18 | DataFile Name : | 017CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16586981 | 16640413 | 17011380 | 16746258 | 1.38 | cps |
| Vanadium | 51-2 | 1969906 | 1955441 | 1940994 | 1955447 | 0.74 | cps |
| Yttrium | 89-1 | 14168932 | 14407870 | 14271292 | 14282698 | 0.84 | cps |
| Yttrium | 89-2 | 3355750 | 3320016 | 3345333 | 3340367 | 0.55 | cps |
| Zinc | 66-2 | 3797163 | 3805060 | 3812200 | 3804808 | 0.20 | cps |
| Zirconium | 90-1 | 9465835 | 9585452 | 9567886 | 9539724 | 0.68 | cps |
| Zirconium | 91-1 | 2118238 | 2140818 | 2156921 | 2138659 | 0.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 883 | 920 | 847 | 883 | 4.15 | cps |
| Antimony | 121-1 | 2650 | 2934 | 3734 | 3106 | 18.09 | cps |
| Arsenic | 75-2 | 10 | 30 | 10 | 17 | 69.28 | cps |
| Barium | 135-1 | 427 | 340 | 317 | 361 | 16.05 | cps |
| Barium | 137-1 | 727 | 670 | 497 | 631 | 18.99 | cps |
| Beryllium | 9-1 | 172 | 144 | 117 | 144 | 19.23 | cps |
| Bismuth | 209-1 | 7177268 | 7143365 | 7073000 | 7131211 | 0.75 | cps |
| Bismuth | 209-2 | 4974484 | 4838852 | 4939499 | 4917612 | 1.43 | cps |
| Bromine | 81-1 | 11551 | 11678 | 10874 | 11368 | 3.80 | cps |
| Bromine | 81-2 | 70 | 47 | 67 | 61 | 20.65 | cps |
| Cadmium | 108-1 | 10 | 10 | 20 | 13 | 43.30 | cps |
| Cadmium | 106-1 | 3054 | 3077 | 2870 | 3000 | 3.77 | cps |
| Cadmium | 111-1 | 2277 | 2277 | 2095 | 2216 | 4.74 | cps |
| Calcium | 43-1 | 617 | 3224 | 547 | 1462 | 104.33 | cps |
| Calcium | 44-1 | 18645 | 61020 | 16680 | 32115 | 78.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 647 | 573 | 680 | 633 | 8.62 | cps |
| Cobalt | 59-2 | 210 | 160 | 180 | 183 | 13.73 | cps |
| Copper | 63-2 | 2094 | 2190 | 2124 | 2136 | 2.32 | cps |
| Dysprosium | 156-1 | 17 | 30 | 30 | 26 | 30.11 | cps |
| Dysprosium | 156-2 | 17 | 17 | 17 | 17 | 0.00 | cps |
| Erbium | 164-1 | 67 | 83 | 90 | 80 | 15.02 | cps |
| Erbium | 164-2 | 27 | 60 | 37 | 41 | 41.60 | cps |
| Gadolinium | 160-1 | 37 | 53 | 27 | 39 | 34.63 | cps |
| Gadolinium | 160-2 | 257 | 233 | 240 | 243 | 4.94 | cps |
| Holmium | 165-1 | 11231024 | 11059838 | 11105722 | 11132195 | 0.80 | cps |
| Holmium | 165-2 | 6817501 | 6724721 | 6815308 | 6785843 | 0.78 | cps |
| Indium | 115-1 | 9025927 | 8735382 | 8734122 | 8831810 | 1.90 | cps |
| Indium | 115-2 | 2686369 | 2715191 | 2690074 | 2697211 | 0.58 | cps |
| Iron | 56-2 | 32612 | 31119 | 32077 | 31936 | 2.37 | cps |
| Iron | 57-2 | 1700 | 1790 | 1640 | 1710 | 4.42 | cps |
| Iron | 54-2 | 2834 | 2657 | 2614 | 2701 | 4.31 | cps |
| Krypton | 83-1 | 217 | 213 | 207 | 212 | 2.40 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2440 | 2174 | 2244 | 2286 | 6.05 | cps |
| Lead | 207-1 | 2260 | 1943 | 1777 | 1994 | 12.32 | cps |
| Lead | 208-1 | 10015 | 8701 | 8755 | 9157 | 8.12 | cps |
| Lithium | 6-1 | 1534385 | 1508704 | 1501594 | 1514895 | 1.14 | cps |
| Magnesium | 24-2 | 4944 | 4854 | 4751 | 4850 | 2.00 | cps |
| Manganese | 55-2 | 697 | 807 | 790 | 764 | 7.76 | cps |
| Molybdenum | 94-1 | 2017 | 2711 | 1913 | 2214 | 19.59 | cps |
| Molybdenum | 95-1 | 2460 | 2450 | 2070 | 2327 | 9.56 | cps |
| Molybdenum | 96-1 | 2640 | 3238 | 2497 | 2792 | 14.08 | cps |
| Molybdenum | 97-1 | 1423 | 1560 | 1260 | 1415 | 10.62 | cps |
| Molybdenum | 98-1 | 3594 | 4215 | 3547 | 3785 | 9.85 | cps |
| Neodymium | 150-1 | 7 | 0 | 20 | 9 | 114.55 | cps |
| Neodymium | 150-2 | 10 | 0 | 0 | 3 | 173.21 | cps |
| Nickel | 60-2 | 103 | 83 | 100 | 96 | 11.21 | cps |
| Phosphorus | 31-2 | 247 | 253 | 190 | 230 | 15.13 | cps |
| Potassium | 39-2 | 60998 | 60644 | 59807 | 60483 | 1.01 | cps |
| Rhodium | 103-1 | 8307786 | 8320277 | 8231763 | 8286609 | 0.58 | cps |
| Rhodium | 103-2 | 4666479 | 4660408 | 4653180 | 4660022 | 0.14 | cps |
| Scandium | 45-1 | 4994085 | 4911641 | 4916938 | 4940888 | 0.93 | cps |
| Scandium | 45-2 | 430728 | 423609 | 424161 | 426166 | 0.93 | cps |
| Selenium | 82-1 | 414 | 436 | 445 | 432 | 3.69 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 233 | 343 | 203 | 260 | 28.35 | cps |
| Silicon | 28-1 | 226409 | 225932 | 223457 | 225266 | 0.70 | cps |
| Silver | 107-1 | 837 | 667 | 673 | 726 | 13.27 | cps |
| Silver | 109-1 | 780 | 637 | 520 | 646 | 20.17 | cps |
| Sodium | 23-2 | 56302 | 55653 | 54556 | 55504 | 1.59 | cps |
| Strontium | 86-1 | 2450 | 3025 | 1920 | 2465 | 22.42 | cps |
| Strontium | 88-1 | 18312 | 22117 | 13583 | 18004 | 23.75 | cps |
| Sulfur | 34-1 | 183146 | 185098 | 183926 | 184057 | 0.53 | cps |
| Terbium | 159-1 | 11571721 | 11510057 | 11191505 | 11424427 | 1.79 | cps |
| Terbium | 159-2 | 6738633 | 6817741 | 6783811 | 6780062 | 0.59 | cps |
| Thallium | 203-1 | 773 | 803 | 793 | 790 | 1.93 | cps |
| Thallium | 205-1 | 1940 | 1813 | 1653 | 1802 | 7.97 | cps |
| Tin | 118-1 | 2290 | 2364 | 2397 | 2350 | 2.32 | cps |
| Titanium | 47-1 | 607 | 2729 | 560 | 1298 | 95.41 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:28:13 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 790 | 697 | 553 | 680 | 17.53 | cps |
| Vanadium | 51-2 | 53 | 60 | 73 | 62 | 16.37 | cps |
| Yttrium | 89-1 | 14578487 | 14420179 | 14288426 | 14429030 | 1.01 | cps |
| Yttrium | 89-2 | 3362467 | 3343149 | 3351365 | 3352327 | 0.29 | cps |
| Zinc | 66-2 | 747 | 733 | 783 | 754 | 3.43 | cps |
| Zirconium | 90-1 | 1870 | 2100 | 1967 | 1979 | 5.84 | cps |
| Zirconium | 91-1 | 440 | 483 | 430 | 451 | 6.29 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 773 | 800 | 730 | 768 | 4.60 | cps |
| Antimony | 121-1 | 840 | 993 | 1223 | 1019 | 18.94 | cps |
| Arsenic | 75-2 | 20 | 13 | 13 | 16 | 24.76 | cps |
| Barium | 135-1 | 263 | 223 | 203 | 230 | 13.28 | cps |
| Barium | 137-1 | 403 | 437 | 410 | 417 | 4.23 | cps |
| Beryllium | 9-1 | 100 | 94 | 56 | 83 | 29.06 | cps |
| Bismuth | 209-1 | 6943071 | 6789957 | 6815326 | 6849451 | 1.20 | cps |
| Bismuth | 209-2 | 4843722 | 4770298 | 4851007 | 4821676 | 0.93 | cps |
| Bromine | 81-1 | 11171 | 11371 | 11221 | 11254 | 0.93 | cps |
| Bromine | 81-2 | 43 | 33 | 67 | 48 | 35.81 | cps |
| Cadmium | 108-1 | 10 | 10 | 17 | 12 | 31.50 | cps |
| Cadmium | 106-1 | 2910 | 2990 | 2690 | 2864 | 5.43 | cps |
| Cadmium | 111-1 | 2090 | 2143 | 1945 | 2059 | 4.98 | cps |
| Calcium | 43-1 | 523 | 463 | 433 | 473 | 9.68 | cps |
| Calcium | 44-1 | 14881 | 14831 | 14654 | 14789 | 0.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 620 | 663 | 607 | 630 | 4.70 | cps |
| Cobalt | 59-2 | 127 | 133 | 123 | 128 | 3.98 | cps |
| Copper | 63-2 | 1857 | 1857 | 1800 | 1838 | 1.78 | cps |
| Dysprosium | 156-1 | 47 | 30 | 23 | 33 | 36.07 | cps |
| Dysprosium | 156-2 | 17 | 7 | 7 | 10 | 57.72 | cps |
| Erbium | 164-1 | 63 | 83 | 100 | 82 | 22.33 | cps |
| Erbium | 164-2 | 50 | 20 | 20 | 30 | 57.74 | cps |
| Gadolinium | 160-1 | 40 | 43 | 37 | 40 | 8.32 | cps |
| Gadolinium | 160-2 | 170 | 300 | 213 | 228 | 29.06 | cps |
| Holmium | 165-1 | 10896010 | 11008348 | 10642415 | 10848925 | 1.73 | cps |
| Holmium | 165-2 | 6633161 | 6561790 | 6675024 | 6623325 | 0.86 | cps |
| Indium | 115-1 | 8632717 | 8575673 | 8496170 | 8568186 | 0.80 | cps |
| Indium | 115-2 | 2682494 | 2679778 | 2599886 | 2654053 | 1.77 | cps |
| Iron | 56-2 | 26637 | 26901 | 27375 | 26971 | 1.39 | cps |
| Iron | 57-2 | 1553 | 1640 | 1617 | 1603 | 2.80 | cps |
| Iron | 54-2 | 2254 | 2357 | 2530 | 2380 | 5.87 | cps |
| Krypton | 83-1 | 173 | 190 | 207 | 190 | 8.77 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1663 | 1713 | 1463 | 1613 | 8.20 | cps |
| Lead | 207-1 | 1483 | 1430 | 1413 | 1442 | 2.54 | cps |
| Lead | 208-1 | 6747 | 6567 | 6134 | 6483 | 4.86 | cps |
| Lithium | 6-1 | 1493025 | 1424702 | 1427430 | 1448386 | 2.67 | cps |
| Magnesium | 24-2 | 3640 | 3660 | 4054 | 3785 | 6.16 | cps |
| Manganese | 55-2 | 620 | 697 | 617 | 644 | 7.02 | cps |
| Molybdenum | 94-1 | 1040 | 997 | 1077 | 1038 | 3.86 | cps |
| Molybdenum | 95-1 | 1273 | 1210 | 1127 | 1203 | 6.11 | cps |
| Molybdenum | 96-1 | 1273 | 1383 | 1277 | 1311 | 4.77 | cps |
| Molybdenum | 97-1 | 747 | 680 | 690 | 706 | 5.10 | cps |
| Molybdenum | 98-1 | 1910 | 1850 | 1640 | 1800 | 7.88 | cps |
| Neodymium | 150-1 | 10 | 7 | 13 | 10 | 33.30 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 107 | 63 | 67 | 79 | 30.57 | cps |
| Phosphorus | 31-2 | 200 | 230 | 223 | 218 | 7.23 | cps |
| Potassium | 39-2 | 57297 | 57454 | 57930 | 57560 | 0.57 | cps |
| Rhodium | 103-1 | 8039768 | 7974343 | 7875301 | 7963137 | 1.04 | cps |
| Rhodium | 103-2 | 4530101 | 4596106 | 4495380 | 4540529 | 1.13 | cps |
| Scandium | 45-1 | 4817284 | 4789046 | 4753016 | 4786449 | 0.67 | cps |
| Scandium | 45-2 | 424207 | 423808 | 421709 | 423241 | 0.32 | cps |
| Selenium | 82-1 | 476 | 385 | 386 | 416 | 12.56 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 247 | 293 | 247 | 262 | 10.28 | cps |
| Silicon | 28-1 | 215505 | 216132 | 217902 | 216513 | 0.57 | cps |
| Silver | 107-1 | 407 | 340 | 347 | 364 | 10.07 | cps |
| Silver | 109-1 | 367 | 277 | 283 | 309 | 16.23 | cps |
| Sodium | 23-2 | 46266 | 46296 | 46196 | 46253 | 0.11 | cps |
| Strontium | 86-1 | 1487 | 1313 | 1323 | 1375 | 7.08 | cps |
| Strontium | 88-1 | 10677 | 10440 | 8896 | 10005 | 9.67 | cps |
| Sulfur | 34-1 | 183117 | 180718 | 182580 | 182138 | 0.69 | cps |
| Terbium | 159-1 | 11009161 | 11263364 | 11126180 | 11132902 | 1.14 | cps |
| Terbium | 159-2 | 6676538 | 6616470 | 6541644 | 6611551 | 1.02 | cps |
| Thallium | 203-1 | 617 | 503 | 467 | 529 | 14.79 | cps |
| Thallium | 205-1 | 1293 | 1350 | 1267 | 1303 | 3.27 | cps |
| Tin | 118-1 | 1607 | 1833 | 1703 | 1715 | 6.63 | cps |
| Titanium | 47-1 | 363 | 363 | 317 | 348 | 7.75 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:31:30 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 400 | 440 | 360 | 400 | 10.00 | cps |
| Vanadium | 51-2 | 53 | 60 | 63 | 59 | 8.65 | cps |
| Yttrium | 89-1 | 14285915 | 14127427 | 13715492 | 14042945 | 2.10 | cps |
| Yttrium | 89-2 | 3354300 | 3361228 | 3313919 | 3343149 | 0.76 | cps |
| Zinc | 66-2 | 723 | 733 | 787 | 748 | 4.55 | cps |
| Zirconium | 90-1 | 1160 | 1157 | 1327 | 1215 | 8.00 | cps |
| Zirconium | 91-1 | 253 | 273 | 290 | 272 | 6.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10434 | 13036 | 9887 | 11119 | 15.13 | cps |
| Antimony | 121-1 | 40601 | 40393 | 40560 | 40518 | 0.27 | cps |
| Arsenic | 75-2 | 1097 | 1007 | 1123 | 1076 | 5.68 | cps |
| Barium | 135-1 | 50352 | 50288 | 50834 | 50491 | 0.59 | cps |
| Barium | 137-1 | 87057 | 87748 | 86910 | 87238 | 0.51 | cps |
| Beryllium | 9-1 | 3206 | 3295 | 3606 | 3369 | 6.24 | cps |
| Bismuth | 209-1 | 6684773 | 6791184 | 6825066 | 6767008 | 1.08 | cps |
| Bismuth | 209-2 | 4886325 | 4881808 | 4812234 | 4860122 | 0.85 | cps |
| Bromine | 81-1 | 11084 | 10907 | 11178 | 11056 | 1.24 | cps |
| Bromine | 81-2 | 60 | 47 | 53 | 53 | 12.50 | cps |
| Cadmium | 108-1 | 350 | 313 | 370 | 344 | 8.34 | cps |
| Cadmium | 106-1 | 3540 | 3357 | 3547 | 3482 | 3.10 | cps |
| Cadmium | 111-1 | 7004 | 6858 | 7115 | 6992 | 1.84 | cps |
| Calcium | 43-1 | 28791 | 30070 | 29879 | 29580 | 2.33 | cps |
| Calcium | 44-1 | 481107 | 482197 | 483862 | 482389 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 18335 | 18131 | 18842 | 18436 | 1.99 | cps |
| Cobalt | 59-2 | 13673 | 13673 | 13786 | 13711 | 0.48 | cps |
| Copper | 63-2 | 21165 | 21606 | 21025 | 21265 | 1.43 | cps |
| Dysprosium | 156-1 | 47 | 37 | 30 | 38 | 22.21 | cps |
| Dysprosium | 156-2 | 20 | 13 | 17 | 17 | 20.01 | cps |
| Erbium | 164-1 | 60 | 107 | 67 | 78 | 32.45 | cps |
| Erbium | 164-2 | 27 | 47 | 33 | 36 | 28.64 | cps |
| Gadolinium | 160-1 | 37 | 73 | 27 | 46 | 53.93 | cps |
| Gadolinium | 160-2 | 273 | 267 | 247 | 262 | 5.29 | cps |
| Holmium | 165-1 | 10804337 | 10949310 | 10588524 | 10780724 | 1.68 | cps |
| Holmium | 165-2 | 6666827 | 6649670 | 6729944 | 6682147 | 0.63 | cps |
| Indium | 115-1 | 8612428 | 8641321 | 8660979 | 8638243 | 0.28 | cps |
| Indium | 115-2 | 2687731 | 2656032 | 2692037 | 2678600 | 0.73 | cps |
| Iron | 56-2 | 1540596 | 1541079 | 1562668 | 1548114 | 0.81 | cps |
| Iron | 57-2 | 40043 | 41330 | 41193 | 40855 | 1.73 | cps |
| Iron | 54-2 | 88837 | 91986 | 89121 | 89981 | 1.94 | cps |
| Krypton | 83-1 | 187 | 180 | 193 | 187 | 3.57 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16150 | 15362 | 16046 | 15853 | 2.70 | cps |
| Lead | 207-1 | 13740 | 14194 | 14291 | 14075 | 2.09 | cps |
| Lead | 208-1 | 63064 | 62800 | 63845 | 63236 | 0.86 | cps |
| Lithium | 6-1 | 1431661 | 1408242 | 1470242 | 1436715 | 2.18 | cps |
| Magnesium | 24-2 | 438637 | 449604 | 441476 | 443239 | 1.28 | cps |
| Manganese | 55-2 | 6878 | 7482 | 7085 | 7148 | 4.29 | cps |
| Molybdenum | 94-1 | 44066 | 43280 | 44186 | 43844 | 1.12 | cps |
| Molybdenum | 95-1 | 53086 | 53093 | 53300 | 53159 | 0.23 | cps |
| Molybdenum | 96-1 | 58955 | 59115 | 59199 | 59090 | 0.21 | cps |
| Molybdenum | 97-1 | 33301 | 33291 | 33615 | 33403 | 0.55 | cps |
| Molybdenum | 98-1 | 84915 | 85210 | 85109 | 85078 | 0.18 | cps |
| Neodymium | 150-1 | 13 | 13 | 0 | 9 | 86.60 | cps |
| Neodymium | 150-2 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 3357 | 3527 | 3590 | 3492 | 3.46 | cps |
| Phosphorus | 31-2 | 203 | 283 | 233 | 240 | 16.84 | cps |
| Potassium | 39-2 | 562785 | 572388 | 569363 | 568179 | 0.86 | cps |
| Rhodium | 103-1 | 8164373 | 8031031 | 8080946 | 8092116 | 0.83 | cps |
| Rhodium | 103-2 | 4609843 | 4597965 | 4627178 | 4611662 | 0.32 | cps |
| Scandium | 45-1 | 4830289 | 4826660 | 4863979 | 4840309 | 0.43 | cps |
| Scandium | 45-2 | 423881 | 425557 | 430197 | 426545 | 0.77 | cps |
| Selenium | 82-1 | 2262 | 2194 | 2170 | 2209 | 2.15 | cps |
| Selenium | 77-2 | 193 | 220 | 137 | 183 | 23.21 | cps |
| Selenium | 78-2 | 830 | 733 | 727 | 763 | 7.58 | cps |
| Silicon | 28-1 | 319522 | 321152 | 323190 | 321288 | 0.57 | cps |
| Silver | 107-1 | 24551 | 25209 | 24878 | 24879 | 1.32 | cps |
| Silver | 109-1 | 23132 | 23763 | 23269 | 23388 | 1.42 | cps |
| Sodium | 23-2 | 737254 | 748449 | 746235 | 743979 | 0.80 | cps |
| Strontium | 86-1 | 8322 | 7979 | 8262 | 8188 | 2.24 | cps |
| Strontium | 88-1 | 67219 | 68016 | 68308 | 67848 | 0.83 | cps |
| Sulfur | 34-1 | 184456 | 187717 | 186543 | 186239 | 0.89 | cps |
| Terbium | 159-1 | 11168484 | 11096888 | 10939104 | 11068159 | 1.06 | cps |
| Terbium | 159-2 | 6682584 | 6738314 | 6794720 | 6738539 | 0.83 | cps |
| Thallium | 203-1 | 17929 | 18249 | 17959 | 18045 | 0.98 | cps |
| Thallium | 205-1 | 42005 | 42904 | 42777 | 42562 | 1.14 | cps |
| Tin | 118-1 | 1780 | 1763 | 1887 | 1810 | 3.70 | cps |
| Titanium | 47-1 | 13716 | 13987 | 14167 | 13957 | 1.62 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:34:44 | DataFile Name : | 021LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53534 | 53557 | 54042 | 53711 | 0.53 | cps |
| Vanadium | 51-2 | 38746 | 38061 | 38369 | 38392 | 0.89 | cps |
| Yttrium | 89-1 | 14278547 | 14284904 | 14136198 | 14233216 | 0.59 | cps |
| Yttrium | 89-2 | 3342921 | 3377090 | 3291243 | 3337085 | 1.30 | cps |
| Zinc | 66-2 | 8586 | 8306 | 8239 | 8377 | 2.20 | cps |
| Zirconium | 90-1 | 37113 | 37013 | 37611 | 37246 | 0.86 | cps |
| Zirconium | 91-1 | 8443 | 8626 | 8356 | 8475 | 1.63 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5481 | 5444 | 5518 | 5481 | 0.67 | cps |
| Antimony | 121-1 | 20288 | 20902 | 21199 | 20796 | 2.23 | cps |
| Arsenic | 75-2 | 593 | 653 | 547 | 598 | 8.95 | cps |
| Barium | 135-1 | 25750 | 25500 | 25650 | 25633 | 0.49 | cps |
| Barium | 137-1 | 43687 | 44486 | 44065 | 44079 | 0.91 | cps |
| Beryllium | 9-1 | 1739 | 1756 | 1817 | 1771 | 2.31 | cps |
| Bismuth | 209-1 | 6431907 | 6802902 | 6824067 | 6686292 | 3.30 | cps |
| Bismuth | 209-2 | 4892443 | 4902391 | 4913234 | 4902690 | 0.21 | cps |
| Bromine | 81-1 | 11011 | 11294 | 11021 | 11109 | 1.45 | cps |
| Bromine | 81-2 | 73 | 63 | 100 | 79 | 24.03 | cps |
| Cadmium | 108-1 | 203 | 237 | 217 | 219 | 7.66 | cps |
| Cadmium | 106-1 | 3057 | 3197 | 3250 | 3168 | 3.15 | cps |
| Cadmium | 111-1 | 4498 | 4593 | 4514 | 4535 | 1.12 | cps |
| Calcium | 43-1 | 15034 | 15735 | 14771 | 15180 | 3.28 | cps |
| Calcium | 44-1 | 249824 | 251982 | 254101 | 251969 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9473 | 9446 | 9763 | 9561 | 1.84 | cps |
| Cobalt | 59-2 | 7048 | 6875 | 7028 | 6984 | 1.36 | cps |
| Copper | 63-2 | 11274 | 11478 | 11521 | 11424 | 1.15 | cps |
| Dysprosium | 156-1 | 20 | 47 | 37 | 34 | 39.11 | cps |
| Dysprosium | 156-2 | 40 | 17 | 13 | 23 | 62.27 | cps |
| Erbium | 164-1 | 70 | 53 | 60 | 61 | 13.73 | cps |
| Erbium | 164-2 | 40 | 47 | 40 | 42 | 9.12 | cps |
| Gadolinium | 160-1 | 63 | 37 | 67 | 56 | 29.59 | cps |
| Gadolinium | 160-2 | 277 | 240 | 293 | 270 | 10.11 | cps |
| Holmium | 165-1 | 10126418 | 10842253 | 10734757 | 10567809 | 3.65 | cps |
| Holmium | 165-2 | 6672012 | 6720165 | 6622372 | 6671516 | 0.73 | cps |
| Indium | 115-1 | 8171777 | 8699165 | 8566231 | 8479057 | 3.23 | cps |
| Indium | 115-2 | 2684070 | 2689958 | 2674309 | 2682779 | 0.29 | cps |
| Iron | 56-2 | 815169 | 817401 | 817055 | 816542 | 0.15 | cps |
| Iron | 57-2 | 21542 | 20895 | 21669 | 21369 | 1.94 | cps |
| Iron | 54-2 | 46679 | 46722 | 46348 | 46583 | 0.44 | cps |
| Krypton | 83-1 | 203 | 200 | 197 | 200 | 1.67 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8613 | 8993 | 8416 | 8674 | 3.38 | cps |
| Lead | 207-1 | 7302 | 7776 | 7799 | 7626 | 3.68 | cps |
| Lead | 208-1 | 34384 | 34921 | 35015 | 34773 | 0.98 | cps |
| Lithium | 6-1 | 1359715 | 1431845 | 1442721 | 1411427 | 3.20 | cps |
| Magnesium | 24-2 | 223703 | 224562 | 225416 | 224560 | 0.38 | cps |
| Manganese | 55-2 | 3917 | 3834 | 4057 | 3936 | 2.87 | cps |
| Molybdenum | 94-1 | 22871 | 22798 | 22798 | 22822 | 0.19 | cps |
| Molybdenum | 95-1 | 27205 | 26501 | 28034 | 27247 | 2.82 | cps |
| Molybdenum | 96-1 | 30268 | 30315 | 30732 | 30438 | 0.84 | cps |
| Molybdenum | 97-1 | 17040 | 17287 | 17010 | 17112 | 0.89 | cps |
| Molybdenum | 98-1 | 44334 | 43545 | 44350 | 44076 | 1.04 | cps |
| Neodymium | 150-1 | 10 | 10 | 10 | 10 | 0.00 | cps |
| Neodymium | 150-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Nickel | 60-2 | 1890 | 1933 | 1887 | 1903 | 1.37 | cps |
| Phosphorus | 31-2 | 193 | 227 | 207 | 209 | 8.03 | cps |
| Potassium | 39-2 | 311433 | 313060 | 312630 | 312374 | 0.27 | cps |
| Rhodium | 103-1 | 7589827 | 8096105 | 8112545 | 7932826 | 3.75 | cps |
| Rhodium | 103-2 | 4662865 | 4596930 | 4666233 | 4642009 | 0.84 | cps |
| Scandium | 45-1 | 4583713 | 4914471 | 4878470 | 4792218 | 3.79 | cps |
| Scandium | 45-2 | 428989 | 426064 | 424764 | 426606 | 0.51 | cps |
| Selenium | 82-1 | 1317 | 1258 | 1280 | 1285 | 2.30 | cps |
| Selenium | 77-2 | 73 | 43 | 50 | 56 | 28.35 | cps |
| Selenium | 78-2 | 480 | 510 | 540 | 510 | 5.88 | cps |
| Silicon | 28-1 | 273083 | 273130 | 273058 | 273090 | 0.01 | cps |
| Silver | 107-1 | 12345 | 12499 | 12832 | 12559 | 1.98 | cps |
| Silver | 109-1 | 11948 | 12195 | 12325 | 12156 | 1.58 | cps |
| Sodium | 23-2 | 393443 | 392529 | 392920 | 392964 | 0.12 | cps |
| Strontium | 86-1 | 4911 | 4864 | 4888 | 4888 | 0.48 | cps |
| Strontium | 88-1 | 38450 | 39262 | 38814 | 38842 | 1.05 | cps |
| Sulfur | 34-1 | 186163 | 190465 | 190073 | 188900 | 1.26 | cps |
| Terbium | 159-1 | 10275826 | 11141990 | 11083519 | 10833778 | 4.47 | cps |
| Terbium | 159-2 | 6721133 | 6699314 | 6727705 | 6716051 | 0.22 | cps |
| Thallium | 203-1 | 9307 | 8866 | 9213 | 9129 | 2.54 | cps |
| Thallium | 205-1 | 22639 | 22048 | 22479 | 22389 | 1.36 | cps |
| Tin | 118-1 | 1607 | 1620 | 1667 | 1631 | 1.93 | cps |
| Titanium | 47-1 | 7252 | 7115 | 7465 | 7277 | 2.43 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164454BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD454 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:38:00 | DataFile Name : | 022LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 27295 | 27088 | 27565 | 27316 | 0.88 | cps |
| Vanadium | 51-2 | 19496 | 19322 | 19606 | 19475 | 0.73 | cps |
| Yttrium | 89-1 | 13165283 | 14407805 | 14103512 | 13892200 | 4.66 | cps |
| Yttrium | 89-2 | 3382795 | 3361701 | 3398087 | 3380861 | 0.54 | cps |
| Zinc | 66-2 | 4968 | 4414 | 4724 | 4702 | 5.90 | cps |
| Zirconium | 90-1 | 19410 | 19800 | 19370 | 19526 | 1.22 | cps |
| Zirconium | 91-1 | 4141 | 4357 | 4644 | 4381 | 5.77 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10737643 | 10874627 | 10646076 | 10752782 | 1.07 | cps |
| Antimony | 121-1 | 14955 | 15288 | 15475 | 15239 | 1.73 | cps |
| Arsenic | 75-2 | 46188 | 46212 | 46452 | 46284 | 0.32 | cps |
| Barium | 135-1 | 1124998 | 1133433 | 1133020 | 1130483 | 0.42 | cps |
| Barium | 137-1 | 2092075 | 2148179 | 2119754 | 2120003 | 1.32 | cps |
| Beryllium | 9-1 | 2139 | 2239 | 2350 | 2243 | 4.71 | cps |
| Bismuth | 209-1 | 6852663 | 6502917 | 6426725 | 6594102 | 3.44 | cps |
| Bismuth | 209-2 | 4858270 | 4804617 | 4762410 | 4808432 | 1.00 | cps |
| Bromine | 81-1 | 18675 | 19143 | 19503 | 19107 | 2.17 | cps |
| Bromine | 81-2 | 1570 | 1513 | 1370 | 1485 | 6.94 | cps |
| Cadmium | 108-1 | 467 | 537 | 520 | 508 | 7.20 | cps |
| Cadmium | 106-1 | 4041 | 3737 | 3664 | 3814 | 5.24 | cps |
| Cadmium | 111-1 | 6602 | 6231 | 6178 | 6337 | 3.65 | cps |
| Calcium | 43-1 | 535655 | 547108 | 544566 | 542443 | 1.11 | cps |
| Calcium | 44-1 | 8132127 | 8290954 | 8236584 | 8219888 | 0.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 492884 | 491765 | 489638 | 491429 | 0.34 | cps |
| Cobalt | 59-2 | 322755 | 320354 | 318680 | 320596 | 0.64 | cps |
| Copper | 63-2 | 1188203 | 1185784 | 1177441 | 1183809 | 0.48 | cps |
| Dysprosium | 156-1 | 79912 | 81572 | 80436 | 80640 | 1.05 | cps |
| Dysprosium | 156-2 | 59512 | 60098 | 59073 | 59561 | 0.86 | cps |
| Erbium | 164-1 | 64491 | 64079 | 64334 | 64301 | 0.32 | cps |
| Erbium | 164-2 | 39797 | 39713 | 39158 | 39556 | 0.88 | cps |
| Gadolinium | 160-1 | 74051 | 75301 | 75901 | 75084 | 1.26 | cps |
| Gadolinium | 160-2 | 49664 | 50333 | 48982 | 49660 | 1.36 | cps |
| Holmium | 165-1 | 11385319 | 10795244 | 10633513 | 10938025 | 3.62 | cps |
| Holmium | 165-2 | 6899224 | 6764239 | 6741211 | 6801558 | 1.26 | cps |
| Indium | 115-1 | 8719205 | 8412177 | 8231485 | 8454289 | 2.92 | cps |
| Indium | 115-2 | 2666343 | 2700646 | 2656519 | 2674502 | 0.87 | cps |
| Iron | 56-2 | 344399035 | 344198328 | 344310675 | 344302679 | 0.03 | cps |
| Iron | 57-2 | 8508821 | 8462666 | 8458894 | 8476793 | 0.33 | cps |
| Iron | 54-2 | 18971584 | 18643546 | 18615570 | 18743567 | 1.06 | cps |
| Krypton | 83-1 | 270 | 317 | 310 | 299 | 8.44 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 422831 | 429588 | 434597 | 429005 | 1.38 | cps |
| Lead | 207-1 | 367913 | 374382 | 376874 | 373056 | 1.24 | cps |
| Lead | 208-1 | 1684042 | 1701280 | 1714289 | 1699870 | 0.89 | cps |
| Lithium | 6-1 | 1435124 | 1394357 | 1392796 | 1407426 | 1.71 | cps |
| Magnesium | 24-2 | 9043892 | 9012088 | 8941584 | 8999188 | 0.58 | cps |
| Manganese | 55-2 | 7324444 | 7298288 | 7297514 | 7306748 | 0.21 | cps |
| Molybdenum | 94-1 | 78586 | 80745 | 81086 | 80139 | 1.69 | cps |
| Molybdenum | 95-1 | 10631 | 10794 | 11144 | 10856 | 2.42 | cps |
| Molybdenum | 96-1 | 28454 | 28638 | 29563 | 28885 | 2.06 | cps |
| Molybdenum | 97-1 | 6585 | 6752 | 6618 | 6652 | 1.33 | cps |
| Molybdenum | 98-1 | 16469 | 16616 | 17170 | 16752 | 2.21 | cps |
| Neodymium | 150-1 | 141556 | 142542 | 142840 | 142312 | 0.47 | cps |
| Neodymium | 150-2 | 74113 | 74030 | 74435 | 74193 | 0.29 | cps |
| Nickel | 60-2 | 155545 | 152120 | 153398 | 153688 | 1.13 | cps |
| Phosphorus | 31-2 | 39551 | 40343 | 40072 | 39989 | 1.01 | cps |
| Potassium | 39-2 | 6999449 | 6984400 | 6982578 | 6988809 | 0.13 | cps |
| Rhodium | 103-1 | 8077104 | 7745205 | 7714519 | 7845609 | 2.56 | cps |
| Rhodium | 103-2 | 4588298 | 4525856 | 4582420 | 4565525 | 0.76 | cps |
| Scandium | 45-1 | 5403518 | 5224826 | 5089646 | 5239330 | 3.00 | cps |
| Scandium | 45-2 | 472711 | 469315 | 464775 | 468934 | 0.85 | cps |
| Selenium | 82-1 | 694 | 670 | 654 | 673 | 3.00 | cps |
| Selenium | 77-2 | 277 | 390 | 277 | 314 | 20.81 | cps |
| Selenium | 78-2 | 487 | 463 | 490 | 480 | 3.03 | cps |
| Silicon | 28-1 | 31542578 | 32104402 | 32127547 | 31924842 | 1.04 | cps |
| Silver | 107-1 | 8216 | 7512 | 7469 | 7732 | 5.42 | cps |
| Silver | 109-1 | 7245 | 7152 | 7055 | 7151 | 1.33 | cps |
| Sodium | 23-2 | 871084 | 874703 | 869440 | 871742 | 0.31 | cps |
| Strontium | 86-1 | 313356 | 314661 | 317516 | 315178 | 0.67 | cps |
| Strontium | 88-1 | 2839303 | 2896137 | 2924654 | 2886698 | 1.51 | cps |
| Sulfur | 34-1 | 205587 | 199251 | 190276 | 198371 | 3.88 | cps |
| Terbium | 159-1 | 11427776 | 11197683 | 10787424 | 11137627 | 2.91 | cps |
| Terbium | 159-2 | 6868927 | 6849343 | 6818924 | 6845731 | 0.37 | cps |
| Thallium | 203-1 | 4184 | 4254 | 4417 | 4285 | 2.80 | cps |
| Thallium | 205-1 | 10207 | 10481 | 10638 | 10442 | 2.09 | cps |
| Tin | 118-1 | 24291 | 25262 | 25483 | 25012 | 2.54 | cps |
| Titanium | 47-1 | 1796842 | 1820446 | 1787222 | 1801504 | 0.95 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:41:15 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31016 | 31584 | 31033 | 31211 | 1.04 | cps |
| Vanadium | 51-2 | 695736 | 697835 | 693135 | 695569 | 0.34 | cps |
| Yttrium | 89-1 | 15582218 | 15140906 | 14801906 | 15175010 | 2.58 | cps |
| Yttrium | 89-2 | 3679280 | 3633129 | 3648061 | 3653490 | 0.64 | cps |
| Zinc | 66-2 | 195189 | 195891 | 195326 | 195469 | 0.19 | cps |
| Zirconium | 90-1 | 202413 | 204496 | 202604 | 203171 | 0.57 | cps |
| Zirconium | 91-1 | 44628 | 45939 | 46219 | 45595 | 1.86 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9698113 | 9559087 | 9572501 | 9609900 | 0.80 | cps |
| Antimony | 121-1 | 39457 | 39614 | 39544 | 39539 | 0.20 | cps |
| Arsenic | 75-2 | 81683 | 81036 | 82082 | 81600 | 0.65 | cps |
| Barium | 135-1 | 1271103 | 1283571 | 1291262 | 1281979 | 0.79 | cps |
| Barium | 137-1 | 2367815 | 2362380 | 2387622 | 2372606 | 0.56 | cps |
| Beryllium | 9-1 | 2445 | 2622 | 2684 | 2584 | 4.80 | cps |
| Bismuth | 209-1 | 6874516 | 6784691 | 6837741 | 6832316 | 0.66 | cps |
| Bismuth | 209-2 | 4901892 | 4832005 | 4884347 | 4872748 | 0.75 | cps |
| Bromine | 81-1 | 14207 | 13626 | 13526 | 13787 | 2.67 | cps |
| Bromine | 81-2 | 590 | 673 | 537 | 600 | 11.48 | cps |
| Cadmium | 108-1 | 623 | 593 | 713 | 643 | 9.71 | cps |
| Cadmium | 106-1 | 4194 | 4474 | 4257 | 4308 | 3.41 | cps |
| Cadmium | 111-1 | 8744 | 8885 | 8462 | 8697 | 2.47 | cps |
| Calcium | 43-1 | 221714 | 223154 | 221350 | 222073 | 0.43 | cps |
| Calcium | 44-1 | 3372745 | 3354685 | 3400869 | 3376099 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 442386 | 441602 | 439339 | 441109 | 0.36 | cps |
| Cobalt | 59-2 | 361294 | 362318 | 356846 | 360152 | 0.81 | cps |
| Copper | 63-2 | 1377969 | 1376117 | 1367820 | 1373968 | 0.39 | cps |
| Dysprosium | 156-1 | 83815 | 85636 | 84613 | 84688 | 1.08 | cps |
| Dysprosium | 156-2 | 65274 | 64999 | 65883 | 65386 | 0.69 | cps |
| Erbium | 164-1 | 58298 | 60986 | 59931 | 59738 | 2.27 | cps |
| Erbium | 164-2 | 36758 | 37433 | 37614 | 37269 | 1.21 | cps |
| Gadolinium | 160-1 | 75093 | 76525 | 75653 | 75757 | 0.95 | cps |
| Gadolinium | 160-2 | 50360 | 50002 | 50079 | 50147 | 0.38 | cps |
| Holmium | 165-1 | 11134469 | 11018719 | 11001334 | 11051507 | 0.65 | cps |
| Holmium | 165-2 | 6884316 | 6964171 | 6791156 | 6879881 | 1.26 | cps |
| Indium | 115-1 | 8904284 | 8569860 | 8580195 | 8684779 | 2.19 | cps |
| Indium | 115-2 | 2682910 | 2693677 | 2692610 | 2689733 | 0.22 | cps |
| Iron | 56-2 | 434759780 | 433758967 | 436733380 | 435084042 | 0.35 | cps |
| Iron | 57-2 | 10606022 | 10827751 | 10605914 | 10679896 | 1.20 | cps |
| Iron | 54-2 | 23666515 | 23742686 | 23608857 | 23672686 | 0.28 | cps |
| Krypton | 83-1 | 253 | 297 | 327 | 292 | 12.62 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 756003 | 777408 | 776889 | 770100 | 1.59 | cps |
| Lead | 207-1 | 676810 | 676758 | 681925 | 678498 | 0.44 | cps |
| Lead | 208-1 | 3303282 | 3341829 | 3345822 | 3330311 | 0.71 | cps |
| Lithium | 6-1 | 1429399 | 1499062 | 1432992 | 1453818 | 2.70 | cps |
| Magnesium | 24-2 | 8622856 | 8485647 | 8588528 | 8565677 | 0.83 | cps |
| Manganese | 55-2 | 8565034 | 8489428 | 8428341 | 8494268 | 0.81 | cps |
| Molybdenum | 94-1 | 105346 | 106675 | 106218 | 106079 | 0.64 | cps |
| Molybdenum | 95-1 | 10257 | 10380 | 10307 | 10315 | 0.60 | cps |
| Molybdenum | 96-1 | 34441 | 34444 | 34855 | 34580 | 0.69 | cps |
| Molybdenum | 97-1 | 6515 | 6658 | 6331 | 6502 | 2.52 | cps |
| Molybdenum | 98-1 | 16806 | 16756 | 16549 | 16704 | 0.82 | cps |
| Neodymium | 150-1 | 161436 | 160135 | 163138 | 161570 | 0.93 | cps |
| Neodymium | 150-2 | 84183 | 84236 | 85152 | 84524 | 0.64 | cps |
| Nickel | 60-2 | 169291 | 168924 | 168528 | 168914 | 0.23 | cps |
| Phosphorus | 31-2 | 29462 | 29084 | 29495 | 29347 | 0.78 | cps |
| Potassium | 39-2 | 4280560 | 4279278 | 4250138 | 4269992 | 0.40 | cps |
| Rhodium | 103-1 | 8087561 | 8137739 | 8088964 | 8104755 | 0.35 | cps |
| Rhodium | 103-2 | 4590561 | 4640565 | 4575508 | 4602211 | 0.74 | cps |
| Scandium | 45-1 | 5327212 | 5332958 | 5306737 | 5322302 | 0.26 | cps |
| Scandium | 45-2 | 465091 | 468294 | 465564 | 466316 | 0.37 | cps |
| Selenium | 82-1 | 666 | 705 | 623 | 665 | 6.16 | cps |
| Selenium | 77-2 | 267 | 307 | 307 | 293 | 7.87 | cps |
| Selenium | 78-2 | 493 | 520 | 523 | 512 | 3.21 | cps |
| Silicon | 28-1 | 25470904 | 26014810 | 25611265 | 25698993 | 1.10 | cps |
| Silver | 107-1 | 8086 | 7999 | 7949 | 8011 | 0.86 | cps |
| Silver | 109-1 | 7185 | 7325 | 7415 | 7309 | 1.59 | cps |
| Sodium | 23-2 | 158566 | 158610 | 156617 | 157931 | 0.72 | cps |
| Strontium | 86-1 | 217378 | 221383 | 223396 | 220719 | 1.39 | cps |
| Strontium | 88-1 | 1936030 | 1985786 | 1949335 | 1957050 | 1.32 | cps |
| Sulfur | 34-1 | 160354 | 156367 | 155451 | 157391 | 1.66 | cps |
| Terbium | 159-1 | 11609237 | 11373717 | 11006251 | 11329735 | 2.68 | cps |
| Terbium | 159-2 | 6881470 | 6880569 | 6907438 | 6889826 | 0.22 | cps |
| Thallium | 203-1 | 4928 | 5028 | 5194 | 5050 | 2.67 | cps |
| Thallium | 205-1 | 11708 | 11839 | 12366 | 11971 | 2.91 | cps |
| Tin | 118-1 | 29684 | 30108 | 30322 | 30038 | 1.08 | cps |
| Titanium | 47-1 | 1367610 | 1399344 | 1399268 | 1388741 | 1.32 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:44:21 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36099 | 35357 | 36256 | 35904 | 1.34 | cps |
| Vanadium | 51-2 | 802869 | 800996 | 794886 | 799584 | 0.52 | cps |
| Yttrium | 89-1 | 15378345 | 15363249 | 15266056 | 15335883 | 0.40 | cps |
| Yttrium | 89-2 | 3657761 | 3619826 | 3604519 | 3627369 | 0.76 | cps |
| Zinc | 66-2 | 280245 | 282908 | 279801 | 280984 | 0.60 | cps |
| Zirconium | 90-1 | 273134 | 273997 | 275940 | 274357 | 0.52 | cps |
| Zirconium | 91-1 | 60042 | 62278 | 62094 | 61471 | 2.02 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14841986 | 14543397 | 14631043 | 14672142 | 1.05 | cps |
| Antimony | 121-1 | 40357 | 40828 | 40564 | 40583 | 0.58 | cps |
| Arsenic | 75-2 | 236675 | 235278 | 234904 | 235619 | 0.40 | cps |
| Barium | 135-1 | 1799256 | 1816224 | 1827442 | 1814307 | 0.78 | cps |
| Barium | 137-1 | 3118579 | 3118689 | 3141315 | 3126194 | 0.42 | cps |
| Beryllium | 9-1 | 2761 | 2828 | 2817 | 2802 | 1.27 | cps |
| Bismuth | 209-1 | 6517777 | 6614137 | 6566935 | 6566283 | 0.73 | cps |
| Bismuth | 209-2 | 4540055 | 4671108 | 4677351 | 4629504 | 1.67 | cps |
| Bromine | 81-1 | 15361 | 15001 | 15145 | 15169 | 1.20 | cps |
| Bromine | 81-2 | 807 | 790 | 807 | 801 | 1.20 | cps |
| Cadmium | 108-1 | 350 | 390 | 410 | 383 | 7.97 | cps |
| Cadmium | 106-1 | 4011 | 3887 | 4021 | 3973 | 1.87 | cps |
| Cadmium | 111-1 | 3666 | 3548 | 3721 | 3645 | 2.42 | cps |
| Calcium | 43-1 | 2773733 | 2820538 | 2813419 | 2802563 | 0.90 | cps |
| Calcium | 44-1 | 44668554 | 45545918 | 45273373 | 45162615 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3063769 | 3072048 | 3074243 | 3070020 | 0.18 | cps |
| Cobalt | 59-2 | 844463 | 839396 | 836005 | 839955 | 0.51 | cps |
| Copper | 63-2 | 1209752 | 1204533 | 1210070 | 1208119 | 0.26 | cps |
| Dysprosium | 156-1 | 91103 | 92405 | 93988 | 92499 | 1.56 | cps |
| Dysprosium | 156-2 | 65883 | 66918 | 64320 | 65707 | 1.99 | cps |
| Erbium | 164-1 | 85174 | 85939 | 85583 | 85565 | 0.45 | cps |
| Erbium | 164-2 | 52769 | 52511 | 53080 | 52787 | 0.54 | cps |
| Gadolinium | 160-1 | 91956 | 93654 | 92821 | 92810 | 0.91 | cps |
| Gadolinium | 160-2 | 60965 | 59546 | 59422 | 59978 | 1.43 | cps |
| Holmium | 165-1 | 11001772 | 11100576 | 10916789 | 11006379 | 0.84 | cps |
| Holmium | 165-2 | 6751714 | 6685775 | 6737684 | 6725058 | 0.52 | cps |
| Indium | 115-1 | 8705674 | 8551234 | 8482111 | 8579673 | 1.33 | cps |
| Indium | 115-2 | 2613215 | 2625313 | 2587753 | 2608760 | 0.73 | cps |
| Iron | 56-2 | 697196416 | 692331936 | 700958256 | 696828870 | 0.62 | cps |
| Iron | 57-2 | 17371244 | 17189168 | 17181777 | 17247397 | 0.62 | cps |
| Iron | 54-2 | 38538331 | 38317027 | 37869813 | 38241724 | 0.89 | cps |
| Krypton | 83-1 | 287 | 327 | 340 | 318 | 8.73 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 142522 | 142923 | 144840 | 143428 | 0.86 | cps |
| Lead | 207-1 | 120153 | 122016 | 123017 | 121729 | 1.19 | cps |
| Lead | 208-1 | 554063 | 558534 | 567351 | 559983 | 1.21 | cps |
| Lithium | 6-1 | 1406023 | 1427083 | 1461563 | 1431556 | 1.96 | cps |
| Magnesium | 24-2 | 20594542 | 20179520 | 20249346 | 20341136 | 1.09 | cps |
| Manganese | 55-2 | 20051846 | 19914411 | 19825170 | 19930476 | 0.57 | cps |
| Molybdenum | 94-1 | 103042 | 106717 | 104593 | 104784 | 1.76 | cps |
| Molybdenum | 95-1 | 17998 | 18625 | 18098 | 18240 | 1.85 | cps |
| Molybdenum | 96-1 | 45437 | 45113 | 44849 | 45133 | 0.65 | cps |
| Molybdenum | 97-1 | 10904 | 11191 | 11258 | 11118 | 1.69 | cps |
| Molybdenum | 98-1 | 28167 | 29035 | 28154 | 28452 | 1.78 | cps |
| Neodymium | 150-1 | 138021 | 138863 | 139496 | 138793 | 0.53 | cps |
| Neodymium | 150-2 | 71118 | 71299 | 71523 | 71313 | 0.28 | cps |
| Nickel | 60-2 | 750199 | 750212 | 749724 | 750045 | 0.04 | cps |
| Phosphorus | 31-2 | 24116 | 24146 | 23595 | 23952 | 1.29 | cps |
| Potassium | 39-2 | 2142554 | 2165067 | 2139747 | 2149123 | 0.65 | cps |
| Rhodium | 103-1 | 7947569 | 7784559 | 7803349 | 7845159 | 1.14 | cps |
| Rhodium | 103-2 | 4514539 | 4466518 | 4452202 | 4477753 | 0.73 | cps |
| Scandium | 45-1 | 5793331 | 5717165 | 5706445 | 5738980 | 0.83 | cps |
| Scandium | 45-2 | 495130 | 493014 | 493764 | 493969 | 0.22 | cps |
| Selenium | 82-1 | 738 | 693 | 656 | 696 | 5.88 | cps |
| Selenium | 77-2 | 243 | 287 | 257 | 262 | 8.46 | cps |
| Selenium | 78-2 | 387 | 520 | 437 | 448 | 15.04 | cps |
| Silicon | 28-1 | 23026775 | 23302776 | 23309841 | 23213131 | 0.70 | cps |
| Silver | 107-1 | 1797 | 1977 | 1870 | 1881 | 4.81 | cps |
| Silver | 109-1 | 1687 | 1623 | 1673 | 1661 | 2.01 | cps |
| Sodium | 23-2 | 191771 | 187679 | 190369 | 189940 | 1.09 | cps |
| Strontium | 86-1 | 475548 | 476750 | 473475 | 475258 | 0.35 | cps |
| Strontium | 88-1 | 4240619 | 4291682 | 4314748 | 4282350 | 0.89 | cps |
| Sulfur | 34-1 | 178435 | 182529 | 180313 | 180426 | 1.14 | cps |
| Terbium | 159-1 | 11415383 | 11578705 | 11422143 | 11472077 | 0.81 | cps |
| Terbium | 159-2 | 6828669 | 6670567 | 6731855 | 6743697 | 1.18 | cps |
| Thallium | 203-1 | 3534 | 3540 | 3771 | 3615 | 3.73 | cps |
| Thallium | 205-1 | 8666 | 8603 | 9187 | 8818 | 3.63 | cps |
| Tin | 118-1 | 19914 | 21059 | 20351 | 20441 | 2.83 | cps |
| Titanium | 47-1 | 2429684 | 2464439 | 2441954 | 2445359 | 0.72 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:47:25 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35775 | 36276 | 36884 | 36312 | 1.53 | cps |
| Vanadium | 51-2 | 1612706 | 1597222 | 1603457 | 1604461 | 0.49 | cps |
| Yttrium | 89-1 | 15724714 | 15769854 | 15575159 | 15689909 | 0.65 | cps |
| Yttrium | 89-2 | 3647801 | 3616142 | 3637922 | 3633955 | 0.45 | cps |
| Zinc | 66-2 | 176955 | 176027 | 175875 | 176286 | 0.33 | cps |
| Zirconium | 90-1 | 253290 | 257578 | 258270 | 256379 | 1.05 | cps |
| Zirconium | 91-1 | 57495 | 59055 | 58526 | 58359 | 1.36 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14321356 | 14188131 | 14180096 | 14229861 | 0.56 | cps |
| Antimony | 121-1 | 37064 | 38003 | 37997 | 37688 | 1.43 | cps |
| Arsenic | 75-2 | 224350 | 221988 | 223611 | 223317 | 0.54 | cps |
| Barium | 135-1 | 1769162 | 1726318 | 1764464 | 1753315 | 1.34 | cps |
| Barium | 137-1 | 3022971 | 3036716 | 3020502 | 3026730 | 0.29 | cps |
| Beryllium | 9-1 | 2728 | 2667 | 2361 | 2585 | 7.60 | cps |
| Bismuth | 209-1 | 6446122 | 6813287 | 6698384 | 6652597 | 2.82 | cps |
| Bismuth | 209-2 | 4639349 | 4608505 | 4599348 | 4615734 | 0.45 | cps |
| Bromine | 81-1 | 14561 | 14747 | 14971 | 14760 | 1.39 | cps |
| Bromine | 81-2 | 817 | 777 | 797 | 797 | 2.51 | cps |
| Cadmium | 108-1 | 437 | 367 | 430 | 411 | 9.40 | cps |
| Cadmium | 106-1 | 3817 | 4064 | 3984 | 3955 | 3.18 | cps |
| Cadmium | 111-1 | 3590 | 3768 | 3684 | 3681 | 2.42 | cps |
| Calcium | 43-1 | 2728035 | 2724577 | 2739395 | 2730669 | 0.28 | cps |
| Calcium | 44-1 | 44058624 | 44213116 | 43993978 | 44088573 | 0.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2974027 | 2962418 | 2966474 | 2967640 | 0.20 | cps |
| Cobalt | 59-2 | 806463 | 802516 | 803889 | 804289 | 0.25 | cps |
| Copper | 63-2 | 1169380 | 1169578 | 1171449 | 1170136 | 0.10 | cps |
| Dysprosium | 156-1 | 91083 | 92606 | 93009 | 92233 | 1.10 | cps |
| Dysprosium | 156-2 | 64115 | 64326 | 64350 | 64264 | 0.20 | cps |
| Erbium | 164-1 | 85992 | 85989 | 85081 | 85687 | 0.61 | cps |
| Erbium | 164-2 | 51367 | 51364 | 51621 | 51451 | 0.29 | cps |
| Gadolinium | 160-1 | 90889 | 91063 | 91923 | 91292 | 0.61 | cps |
| Gadolinium | 160-2 | 57598 | 59382 | 59101 | 58693 | 1.63 | cps |
| Holmium | 165-1 | 10811199 | 11056540 | 11196843 | 11021527 | 1.77 | cps |
| Holmium | 165-2 | 6700721 | 6613622 | 6633829 | 6649390 | 0.69 | cps |
| Indium | 115-1 | 8283506 | 8512037 | 8471228 | 8422257 | 1.45 | cps |
| Indium | 115-2 | 2568590 | 2550874 | 2579644 | 2566369 | 0.57 | cps |
| Iron | 56-2 | 675324883 | 669330043 | 668882737 | 671179221 | 0.54 | cps |
| Iron | 57-2 | 16680172 | 16687624 | 16518536 | 16628777 | 0.57 | cps |
| Iron | 54-2 | 36452919 | 36429321 | 36249934 | 36377391 | 0.31 | cps |
| Krypton | 83-1 | 307 | 303 | 353 | 321 | 8.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 143273 | 142361 | 142387 | 142674 | 0.36 | cps |
| Lead | 207-1 | 122301 | 123085 | 121534 | 122307 | 0.63 | cps |
| Lead | 208-1 | 555548 | 561989 | 557872 | 558470 | 0.58 | cps |
| Lithium | 6-1 | 1381651 | 1444994 | 1371262 | 1399302 | 2.85 | cps |
| Magnesium | 24-2 | 19874247 | 19674784 | 19759837 | 19769623 | 0.51 | cps |
| Manganese | 55-2 | 18937626 | 18894956 | 18903685 | 18912089 | 0.12 | cps |
| Molybdenum | 94-1 | 101169 | 102559 | 102579 | 102102 | 0.79 | cps |
| Molybdenum | 95-1 | 17234 | 17804 | 17541 | 17526 | 1.63 | cps |
| Molybdenum | 96-1 | 43705 | 43812 | 43665 | 43727 | 0.17 | cps |
| Molybdenum | 97-1 | 10774 | 11121 | 10871 | 10922 | 1.64 | cps |
| Molybdenum | 98-1 | 26905 | 26998 | 27028 | 26977 | 0.24 | cps |
| Neodymium | 150-1 | 135759 | 139394 | 137066 | 137406 | 1.34 | cps |
| Neodymium | 150-2 | 69751 | 70254 | 69564 | 69856 | 0.51 | cps |
| Nickel | 60-2 | 731963 | 722348 | 720819 | 725043 | 0.83 | cps |
| Phosphorus | 31-2 | 22864 | 22764 | 23164 | 22931 | 0.91 | cps |
| Potassium | 39-2 | 2120905 | 2134982 | 2136953 | 2130947 | 0.41 | cps |
| Rhodium | 103-1 | 7559351 | 7836755 | 7820894 | 7739000 | 2.01 | cps |
| Rhodium | 103-2 | 4380004 | 4332492 | 4382846 | 4365114 | 0.65 | cps |
| Scandium | 45-1 | 5431644 | 5538963 | 5572050 | 5514219 | 1.33 | cps |
| Scandium | 45-2 | 486458 | 481587 | 483759 | 483934 | 0.50 | cps |
| Selenium | 82-1 | 701 | 646 | 578 | 641 | 9.62 | cps |
| Selenium | 77-2 | 303 | 307 | 320 | 310 | 2.85 | cps |
| Selenium | 78-2 | 437 | 463 | 480 | 460 | 4.75 | cps |
| Silicon | 28-1 | 23040735 | 23214012 | 23082064 | 23112270 | 0.39 | cps |
| Silver | 107-1 | 1603 | 1793 | 1807 | 1735 | 6.56 | cps |
| Silver | 109-1 | 1380 | 1397 | 1450 | 1409 | 2.60 | cps |
| Sodium | 23-2 | 183955 | 181716 | 181880 | 182517 | 0.68 | cps |
| Strontium | 86-1 | 459820 | 459845 | 459895 | 459853 | 0.01 | cps |
| Strontium | 88-1 | 4139315 | 4124352 | 4158824 | 4140830 | 0.42 | cps |
| Sulfur | 34-1 | 170094 | 167699 | 168252 | 168682 | 0.74 | cps |
| Terbium | 159-1 | 11028352 | 11547874 | 11678824 | 11418350 | 3.01 | cps |
| Terbium | 159-2 | 6625371 | 6661385 | 6776075 | 6687610 | 1.18 | cps |
| Thallium | 203-1 | 3694 | 3581 | 3814 | 3696 | 3.16 | cps |
| Thallium | 205-1 | 8503 | 9103 | 8523 | 8710 | 3.92 | cps |
| Tin | 118-1 | 21169 | 21075 | 21239 | 21161 | 0.39 | cps |
| Titanium | 47-1 | 2340171 | 2324062 | 2331854 | 2332029 | 0.35 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 18:50:27 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36934 | 36684 | 36961 | 36860 | 0.42 | cps |
| Vanadium | 51-2 | 1533294 | 1540287 | 1544732 | 1539438 | 0.37 | cps |
| Yttrium | 89-1 | 14882421 | 15479857 | 15387246 | 15249842 | 2.11 | cps |
| Yttrium | 89-2 | 3614871 | 3588315 | 3559134 | 3587440 | 0.78 | cps |
| Zinc | 66-2 | 174834 | 173704 | 173489 | 174009 | 0.42 | cps |
| Zirconium | 90-1 | 248888 | 251775 | 254828 | 251830 | 1.18 | cps |
| Zirconium | 91-1 | 56756 | 57285 | 56973 | 57005 | 0.47 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2905496 | 2891047 | 2839843 | 2878795 | 1.20 | cps |
| Antimony | 121-1 | 8469 | 8172 | 8409 | 8350 | 1.88 | cps |
| Arsenic | 75-2 | 46904 | 47225 | 46710 | 46946 | 0.55 | cps |
| Barium | 135-1 | 331422 | 332441 | 332192 | 332019 | 0.16 | cps |
| Barium | 137-1 | 570582 | 575255 | 577290 | 574376 | 0.60 | cps |
| Beryllium | 9-1 | 650 | 678 | 644 | 657 | 2.72 | cps |
| Bismuth | 209-1 | 6867835 | 6803214 | 6772308 | 6814452 | 0.72 | cps |
| Bismuth | 209-2 | 4676893 | 4726530 | 4740724 | 4714716 | 0.71 | cps |
| Bromine | 81-1 | 11414 | 11141 | 11258 | 11271 | 1.22 | cps |
| Bromine | 81-2 | 193 | 257 | 190 | 213 | 17.61 | cps |
| Cadmium | 108-1 | 107 | 77 | 73 | 86 | 21.46 | cps |
| Cadmium | 106-1 | 3064 | 3017 | 3030 | 3037 | 0.79 | cps |
| Cadmium | 111-1 | 2327 | 2355 | 2413 | 2365 | 1.87 | cps |
| Calcium | 43-1 | 565408 | 563319 | 568535 | 565754 | 0.46 | cps |
| Calcium | 44-1 | 8656777 | 8672068 | 8661829 | 8663558 | 0.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 606133 | 593551 | 599382 | 599688 | 1.05 | cps |
| Cobalt | 59-2 | 168184 | 168231 | 167837 | 168084 | 0.13 | cps |
| Copper | 63-2 | 246407 | 245916 | 245368 | 245897 | 0.21 | cps |
| Dysprosium | 156-1 | 18052 | 18272 | 18753 | 18359 | 1.95 | cps |
| Dysprosium | 156-2 | 13246 | 12773 | 13220 | 13080 | 2.04 | cps |
| Erbium | 164-1 | 17234 | 17041 | 17758 | 17344 | 2.14 | cps |
| Erbium | 164-2 | 10851 | 10644 | 10534 | 10676 | 1.51 | cps |
| Gadolinium | 160-1 | 18689 | 18412 | 18542 | 18548 | 0.75 | cps |
| Gadolinium | 160-2 | 12209 | 12209 | 11902 | 12106 | 1.46 | cps |
| Holmium | 165-1 | 10896811 | 10928017 | 10755783 | 10860204 | 0.84 | cps |
| Holmium | 165-2 | 6530679 | 6612402 | 6560951 | 6568010 | 0.63 | cps |
| Indium | 115-1 | 8317591 | 8415800 | 8472636 | 8402009 | 0.93 | cps |
| Indium | 115-2 | 2584544 | 2588201 | 2598551 | 2590432 | 0.28 | cps |
| Iron | 56-2 | 138481411 | 137736125 | 137335065 | 137850867 | 0.42 | cps |
| Iron | 57-2 | 3406908 | 3464410 | 3394395 | 3421905 | 1.09 | cps |
| Iron | 54-2 | 7562352 | 7494152 | 7475333 | 7510612 | 0.61 | cps |
| Krypton | 83-1 | 190 | 210 | 260 | 220 | 16.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 30184 | 30732 | 30344 | 30420 | 0.93 | cps |
| Lead | 207-1 | 25734 | 25908 | 26179 | 25940 | 0.86 | cps |
| Lead | 208-1 | 119161 | 119354 | 120050 | 119522 | 0.39 | cps |
| Lithium | 6-1 | 1438230 | 1373145 | 1378221 | 1396532 | 2.59 | cps |
| Magnesium | 24-2 | 4023932 | 3955262 | 3989070 | 3989421 | 0.86 | cps |
| Manganese | 55-2 | 3950582 | 3945056 | 3919287 | 3938308 | 0.42 | cps |
| Molybdenum | 94-1 | 20765 | 20388 | 20992 | 20715 | 1.47 | cps |
| Molybdenum | 95-1 | 4601 | 4461 | 4464 | 4509 | 1.77 | cps |
| Molybdenum | 96-1 | 9506 | 9203 | 9573 | 9428 | 2.09 | cps |
| Molybdenum | 97-1 | 2754 | 2807 | 2820 | 2794 | 1.26 | cps |
| Molybdenum | 98-1 | 6725 | 6648 | 6755 | 6709 | 0.82 | cps |
| Neodymium | 150-1 | 28272 | 28248 | 28369 | 28296 | 0.23 | cps |
| Neodymium | 150-2 | 13773 | 14584 | 14431 | 14263 | 3.02 | cps |
| Nickel | 60-2 | 151775 | 149480 | 151008 | 150755 | 0.78 | cps |
| Phosphorus | 31-2 | 4877 | 4734 | 4797 | 4803 | 1.50 | cps |
| Potassium | 39-2 | 489292 | 484813 | 483750 | 485952 | 0.61 | cps |
| Rhodium | 103-1 | 7769400 | 7704711 | 7635672 | 7703261 | 0.87 | cps |
| Rhodium | 103-2 | 4439464 | 4520417 | 4483063 | 4480981 | 0.90 | cps |
| Scandium | 45-1 | 4837226 | 4820410 | 4853412 | 4837016 | 0.34 | cps |
| Scandium | 45-2 | 426952 | 421729 | 422851 | 423844 | 0.65 | cps |
| Selenium | 82-1 | 474 | 438 | 384 | 432 | 10.45 | cps |
| Selenium | 77-2 | 67 | 67 | 67 | 67 | 0.00 | cps |
| Selenium | 78-2 | 257 | 363 | 250 | 290 | 21.93 | cps |
| Silicon | 28-1 | 4690198 | 4615045 | 4674012 | 4659752 | 0.85 | cps |
| Silver | 107-1 | 533 | 577 | 577 | 562 | 4.45 | cps |
| Silver | 109-1 | 477 | 440 | 530 | 482 | 9.39 | cps |
| Sodium | 23-2 | 67135 | 67286 | 66643 | 67022 | 0.50 | cps |
| Strontium | 86-1 | 93344 | 95138 | 93223 | 93901 | 1.14 | cps |
| Strontium | 88-1 | 811863 | 815850 | 824702 | 817472 | 0.80 | cps |
| Sulfur | 34-1 | 153977 | 150173 | 152364 | 152171 | 1.25 | cps |
| Terbium | 159-1 | 11115702 | 11333384 | 11073379 | 11174155 | 1.25 | cps |
| Terbium | 159-2 | 6612058 | 6503301 | 6487153 | 6534171 | 1.04 | cps |
| Thallium | 203-1 | 1050 | 1050 | 1097 | 1066 | 2.53 | cps |
| Thallium | 205-1 | 2420 | 2520 | 2650 | 2530 | 4.56 | cps |
| Tin | 118-1 | 5758 | 5618 | 5598 | 5658 | 1.54 | cps |
| Titanium | 47-1 | 472077 | 470157 | 473576 | 471937 | 0.36 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 18:53:27 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7572 | 7779 | 8126 | 7826 | 3.57 | cps |
| Vanadium | 51-2 | 318361 | 318111 | 313434 | 316635 | 0.88 | cps |
| Yttrium | 89-1 | 14029077 | 14062040 | 13985796 | 14025638 | 0.27 | cps |
| Yttrium | 89-2 | 3325706 | 3348626 | 3324059 | 3332797 | 0.41 | cps |
| Zinc | 66-2 | 37617 | 36862 | 35993 | 36824 | 2.21 | cps |
| Zirconium | 90-1 | 50142 | 49520 | 49680 | 49781 | 0.65 | cps |
| Zirconium | 91-1 | 11208 | 11258 | 11141 | 11202 | 0.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2793120 | 2794032 | 2841831 | 2809661 | 0.99 | cps |
| Antimony | 121-1 | 8069 | 8082 | 8152 | 8101 | 0.55 | cps |
| Arsenic | 75-2 | 45887 | 45820 | 46345 | 46018 | 0.62 | cps |
| Barium | 135-1 | 320557 | 324722 | 325424 | 323567 | 0.81 | cps |
| Barium | 137-1 | 554997 | 563693 | 562993 | 560561 | 0.86 | cps |
| Beryllium | 9-1 | 478 | 650 | 617 | 582 | 15.71 | cps |
| Bismuth | 209-1 | 6990210 | 6843506 | 6934954 | 6922890 | 1.07 | cps |
| Bismuth | 209-2 | 4696186 | 4219695 | 4981935 | 4632605 | 8.31 | cps |
| Bromine | 81-1 | 11294 | 11124 | 11391 | 11270 | 1.20 | cps |
| Bromine | 81-2 | 210 | 183 | 170 | 188 | 10.85 | cps |
| Cadmium | 108-1 | 103 | 77 | 63 | 81 | 25.12 | cps |
| Cadmium | 106-1 | 2970 | 2980 | 3010 | 2987 | 0.70 | cps |
| Cadmium | 111-1 | 2254 | 2329 | 2290 | 2291 | 1.65 | cps |
| Calcium | 43-1 | 543905 | 554431 | 549605 | 549313 | 0.96 | cps |
| Calcium | 44-1 | 8272934 | 8418104 | 8376014 | 8355684 | 0.89 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 581846 | 588009 | 584812 | 584889 | 0.53 | cps |
| Cobalt | 59-2 | 162381 | 160528 | 161033 | 161314 | 0.59 | cps |
| Copper | 63-2 | 237506 | 234120 | 236284 | 235970 | 0.73 | cps |
| Dysprosium | 156-1 | 17681 | 17798 | 17798 | 17759 | 0.38 | cps |
| Dysprosium | 156-2 | 12866 | 12719 | 12596 | 12727 | 1.06 | cps |
| Erbium | 164-1 | 16707 | 17421 | 17101 | 17076 | 2.09 | cps |
| Erbium | 164-2 | 10357 | 10374 | 10431 | 10387 | 0.37 | cps |
| Gadolinium | 160-1 | 17641 | 18132 | 18279 | 18017 | 1.85 | cps |
| Gadolinium | 160-2 | 12032 | 12099 | 11875 | 12002 | 0.96 | cps |
| Holmium | 165-1 | 11150273 | 10805767 | 11026954 | 10994331 | 1.59 | cps |
| Holmium | 165-2 | 6608379 | 5828398 | 6845847 | 6427541 | 8.28 | cps |
| Indium | 115-1 | 8575214 | 8420367 | 8407892 | 8467825 | 1.10 | cps |
| Indium | 115-2 | 2630492 | 2278827 | 2714698 | 2541339 | 9.10 | cps |
| Iron | 56-2 | 132886395 | 133121045 | 133256698 | 133088046 | 0.14 | cps |
| Iron | 57-2 | 3344775 | 3328797 | 3292133 | 3321901 | 0.81 | cps |
| Iron | 54-2 | 7329212 | 7355470 | 7261226 | 7315303 | 0.66 | cps |
| Krypton | 83-1 | 177 | 223 | 203 | 201 | 11.64 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 29890 | 30337 | 29091 | 29773 | 2.12 | cps |
| Lead | 207-1 | 25113 | 26576 | 25781 | 25823 | 2.84 | cps |
| Lead | 208-1 | 115889 | 118264 | 116849 | 117001 | 1.02 | cps |
| Lithium | 6-1 | 1398783 | 1388410 | 1391640 | 1392945 | 0.38 | cps |
| Magnesium | 24-2 | 3809295 | 3761512 | 3855257 | 3808688 | 1.23 | cps |
| Manganese | 55-2 | 3796462 | 3798458 | 3773881 | 3789600 | 0.36 | cps |
| Molybdenum | 94-1 | 20331 | 20608 | 20478 | 20472 | 0.68 | cps |
| Molybdenum | 95-1 | 4234 | 4237 | 4344 | 4272 | 1.47 | cps |
| Molybdenum | 96-1 | 9293 | 9346 | 9293 | 9311 | 0.33 | cps |
| Molybdenum | 97-1 | 2397 | 2404 | 2490 | 2430 | 2.14 | cps |
| Molybdenum | 98-1 | 6582 | 6411 | 6522 | 6505 | 1.33 | cps |
| Neodymium | 150-1 | 27003 | 27717 | 27440 | 27387 | 1.32 | cps |
| Neodymium | 150-2 | 13597 | 13867 | 13950 | 13805 | 1.34 | cps |
| Nickel | 60-2 | 147884 | 146737 | 148359 | 147660 | 0.56 | cps |
| Phosphorus | 31-2 | 4554 | 4507 | 4551 | 4537 | 0.57 | cps |
| Potassium | 39-2 | 473792 | 476467 | 472547 | 474269 | 0.42 | cps |
| Rhodium | 103-1 | 7931516 | 7714729 | 7717502 | 7787915 | 1.60 | cps |
| Rhodium | 103-2 | 4507451 | 3961977 | 4702885 | 4390771 | 8.75 | cps |
| Scandium | 45-1 | 4853945 | 4796614 | 4717266 | 4789275 | 1.43 | cps |
| Scandium | 45-2 | 423903 | 370686 | 435939 | 410176 | 8.47 | cps |
| Selenium | 82-1 | 497 | 498 | 456 | 484 | 4.97 | cps |
| Selenium | 77-2 | 37 | 63 | 60 | 53 | 27.24 | cps |
| Selenium | 78-2 | 303 | 283 | 303 | 297 | 3.89 | cps |
| Silicon | 28-1 | 4429517 | 4492671 | 4478205 | 4466798 | 0.74 | cps |
| Silver | 107-1 | 643 | 563 | 643 | 617 | 7.49 | cps |
| Silver | 109-1 | 537 | 487 | 523 | 516 | 5.02 | cps |
| Sodium | 23-2 | 61418 | 62921 | 62543 | 62294 | 1.25 | cps |
| Strontium | 86-1 | 88668 | 91190 | 90721 | 90193 | 1.49 | cps |
| Strontium | 88-1 | 783322 | 794734 | 793944 | 790667 | 0.81 | cps |
| Sulfur | 34-1 | 152974 | 153062 | 153788 | 153275 | 0.29 | cps |
| Terbium | 159-1 | 11328953 | 11251478 | 11040801 | 11207077 | 1.33 | cps |
| Terbium | 159-2 | 6755458 | 5883510 | 6879273 | 6506080 | 8.34 | cps |
| Thallium | 203-1 | 940 | 937 | 883 | 920 | 3.46 | cps |
| Thallium | 205-1 | 2087 | 2004 | 2090 | 2060 | 2.38 | cps |
| Tin | 118-1 | 5144 | 5391 | 5351 | 5295 | 2.50 | cps |
| Titanium | 47-1 | 451706 | 461541 | 460072 | 457773 | 1.16 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:02:43 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7619 | 7799 | 7449 | 7622 | 2.30 | cps |
| Vanadium | 51-2 | 307367 | 305459 | 305212 | 306013 | 0.39 | cps |
| Yttrium | 89-1 | 14229201 | 13924549 | 14043048 | 14065599 | 1.09 | cps |
| Yttrium | 89-2 | 3336791 | 2929437 | 3508614 | 3258281 | 9.13 | cps |
| Zinc | 66-2 | 36221 | 37006 | 36555 | 36594 | 1.08 | cps |
| Zirconium | 90-1 | 47393 | 48844 | 48787 | 48341 | 1.70 | cps |
| Zirconium | 91-1 | 10844 | 10777 | 11141 | 10921 | 1.77 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3478296 | 3489612 | 3484655 | 3484188 | 0.16 | cps |
| Antimony | 121-1 | 9126 | 9643 | 9446 | 9405 | 2.77 | cps |
| Arsenic | 75-2 | 56581 | 56899 | 55152 | 56210 | 1.66 | cps |
| Barium | 135-1 | 395506 | 397540 | 394901 | 395982 | 0.35 | cps |
| Barium | 137-1 | 685765 | 689998 | 689854 | 688539 | 0.35 | cps |
| Beryllium | 9-1 | 744 | 817 | 678 | 746 | 9.31 | cps |
| Bismuth | 209-1 | 6951770 | 6898866 | 6832496 | 6894377 | 0.87 | cps |
| Bismuth | 209-2 | 4755355 | 4731400 | 4752004 | 4746253 | 0.27 | cps |
| Bromine | 81-1 | 11831 | 11832 | 11848 | 11837 | 0.08 | cps |
| Bromine | 81-2 | 230 | 197 | 267 | 231 | 15.15 | cps |
| Cadmium | 108-1 | 83 | 93 | 107 | 94 | 12.40 | cps |
| Cadmium | 106-1 | 2927 | 2904 | 3164 | 2998 | 4.80 | cps |
| Cadmium | 111-1 | 2314 | 2327 | 2467 | 2369 | 3.57 | cps |
| Calcium | 43-1 | 690156 | 700969 | 702395 | 697840 | 0.96 | cps |
| Calcium | 44-1 | 10633363 | 10695999 | 10715788 | 10681717 | 0.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 736315 | 726582 | 724945 | 729281 | 0.84 | cps |
| Cobalt | 59-2 | 201217 | 201751 | 200413 | 201127 | 0.33 | cps |
| Copper | 63-2 | 298282 | 297261 | 294794 | 296779 | 0.60 | cps |
| Dysprosium | 156-1 | 22268 | 23373 | 22622 | 22754 | 2.48 | cps |
| Dysprosium | 156-2 | 16106 | 16243 | 16036 | 16128 | 0.65 | cps |
| Erbium | 164-1 | 21146 | 21266 | 21063 | 21158 | 0.48 | cps |
| Erbium | 164-2 | 12746 | 12839 | 12479 | 12688 | 1.47 | cps |
| Gadolinium | 160-1 | 22087 | 22251 | 22161 | 22166 | 0.37 | cps |
| Gadolinium | 160-2 | 15102 | 14888 | 15072 | 15020 | 0.77 | cps |
| Holmium | 165-1 | 10933164 | 10979068 | 10781804 | 10898012 | 0.95 | cps |
| Holmium | 165-2 | 6730516 | 6657638 | 6718564 | 6702239 | 0.58 | cps |
| Indium | 115-1 | 8471006 | 8525616 | 8403704 | 8466775 | 0.72 | cps |
| Indium | 115-2 | 2608320 | 2609522 | 2604054 | 2607299 | 0.11 | cps |
| Iron | 56-2 | 164562868 | 166813511 | 164508174 | 165294851 | 0.80 | cps |
| Iron | 57-2 | 4148353 | 4151159 | 4141100 | 4146871 | 0.13 | cps |
| Iron | 54-2 | 9032338 | 9089189 | 9081917 | 9067815 | 0.34 | cps |
| Krypton | 83-1 | 247 | 207 | 197 | 217 | 12.21 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 37498 | 37980 | 37592 | 37690 | 0.68 | cps |
| Lead | 207-1 | 31597 | 32265 | 31526 | 31796 | 1.28 | cps |
| Lead | 208-1 | 144838 | 146902 | 146199 | 145980 | 0.72 | cps |
| Lithium | 6-1 | 1396002 | 1432375 | 1419735 | 1416037 | 1.30 | cps |
| Magnesium | 24-2 | 4878756 | 4820497 | 4787821 | 4829024 | 0.95 | cps |
| Manganese | 55-2 | 4611743 | 4724741 | 4715455 | 4683980 | 1.34 | cps |
| Molybdenum | 94-1 | 25532 | 25522 | 25399 | 25484 | 0.29 | cps |
| Molybdenum | 95-1 | 5111 | 4838 | 5091 | 5013 | 3.04 | cps |
| Molybdenum | 96-1 | 11415 | 11595 | 11655 | 11555 | 1.08 | cps |
| Molybdenum | 97-1 | 3120 | 3244 | 2914 | 3093 | 5.39 | cps |
| Molybdenum | 98-1 | 7679 | 8146 | 7769 | 7864 | 3.15 | cps |
| Neodymium | 150-1 | 33770 | 34014 | 34302 | 34029 | 0.78 | cps |
| Neodymium | 150-2 | 17838 | 17434 | 17715 | 17662 | 1.17 | cps |
| Nickel | 60-2 | 184416 | 182499 | 182992 | 183302 | 0.54 | cps |
| Phosphorus | 31-2 | 6148 | 5948 | 5734 | 5943 | 3.48 | cps |
| Potassium | 39-2 | 592025 | 589088 | 588994 | 590036 | 0.29 | cps |
| Rhodium | 103-1 | 7849913 | 7785366 | 7728520 | 7787933 | 0.78 | cps |
| Rhodium | 103-2 | 4604317 | 4431639 | 4482712 | 4506223 | 1.97 | cps |
| Scandium | 45-1 | 4856145 | 4849979 | 4753395 | 4819840 | 1.20 | cps |
| Scandium | 45-2 | 432539 | 425485 | 427551 | 428525 | 0.85 | cps |
| Selenium | 82-1 | 478 | 513 | 548 | 513 | 6.80 | cps |
| Selenium | 77-2 | 107 | 70 | 80 | 86 | 22.16 | cps |
| Selenium | 78-2 | 340 | 223 | 313 | 292 | 20.92 | cps |
| Silicon | 28-1 | 5763703 | 5894504 | 5818591 | 5825599 | 1.13 | cps |
| Silver | 107-1 | 543 | 490 | 537 | 523 | 5.55 | cps |
| Silver | 109-1 | 480 | 480 | 540 | 500 | 6.93 | cps |
| Sodium | 23-2 | 68766 | 68173 | 67711 | 68217 | 0.78 | cps |
| Strontium | 86-1 | 111149 | 112519 | 113513 | 112393 | 1.06 | cps |
| Strontium | 88-1 | 982295 | 992334 | 983557 | 986062 | 0.55 | cps |
| Sulfur | 34-1 | 158634 | 161699 | 160122 | 160152 | 0.96 | cps |
| Terbium | 159-1 | 11294121 | 11296449 | 11091179 | 11227250 | 1.05 | cps |
| Terbium | 159-2 | 6709811 | 6694676 | 6628638 | 6677708 | 0.65 | cps |
| Thallium | 203-1 | 1017 | 1057 | 1130 | 1068 | 5.38 | cps |
| Thallium | 205-1 | 2697 | 2404 | 2337 | 2479 | 7.73 | cps |
| Tin | 118-1 | 6311 | 6321 | 6221 | 6285 | 0.88 | cps |
| Titanium | 47-1 | 565447 | 571440 | 570719 | 569202 | 0.57 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:06:09 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9263 | 9497 | 9443 | 9401 | 1.30 | cps |
| Vanadium | 51-2 | 383201 | 380723 | 379937 | 381287 | 0.45 | cps |
| Yttrium | 89-1 | 14154929 | 14140339 | 13880191 | 14058486 | 1.10 | cps |
| Yttrium | 89-2 | 3324842 | 3345024 | 3286222 | 3318696 | 0.90 | cps |
| Zinc | 66-2 | 45121 | 44890 | 44529 | 44847 | 0.67 | cps |
| Zirconium | 90-1 | 59881 | 61598 | 61260 | 60913 | 1.49 | cps |
| Zirconium | 91-1 | 13980 | 14197 | 14020 | 14066 | 0.82 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 720099 | 718058 | 713550 | 717235 | 0.47 | cps |
| Antimony | 121-1 | 2100 | 2227 | 2184 | 2170 | 2.97 | cps |
| Arsenic | 75-2 | 11678 | 11271 | 11932 | 11627 | 2.87 | cps |
| Barium | 135-1 | 80620 | 80590 | 81297 | 80835 | 0.49 | cps |
| Barium | 137-1 | 140121 | 141074 | 141640 | 140945 | 0.54 | cps |
| Beryllium | 9-1 | 233 | 200 | 189 | 207 | 11.15 | cps |
| Bismuth | 209-1 | 6892268 | 6989002 | 6892539 | 6924603 | 0.81 | cps |
| Bismuth | 209-2 | 4747862 | 4792608 | 4758206 | 4766225 | 0.49 | cps |
| Bromine | 81-1 | 11451 | 11324 | 11415 | 11397 | 0.57 | cps |
| Bromine | 81-2 | 80 | 100 | 107 | 96 | 14.52 | cps |
| Cadmium | 108-1 | 43 | 17 | 20 | 27 | 54.47 | cps |
| Cadmium | 106-1 | 3024 | 2897 | 2887 | 2936 | 2.60 | cps |
| Cadmium | 111-1 | 2253 | 2120 | 2117 | 2163 | 3.60 | cps |
| Calcium | 43-1 | 137243 | 139534 | 138448 | 138408 | 0.83 | cps |
| Calcium | 44-1 | 2108599 | 2121080 | 2114407 | 2114695 | 0.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 147392 | 146241 | 147561 | 147064 | 0.49 | cps |
| Cobalt | 59-2 | 41895 | 40956 | 41404 | 41418 | 1.13 | cps |
| Copper | 63-2 | 62004 | 61060 | 61402 | 61489 | 0.78 | cps |
| Dysprosium | 156-1 | 4594 | 4467 | 4367 | 4476 | 2.54 | cps |
| Dysprosium | 156-2 | 3107 | 3230 | 3314 | 3217 | 3.23 | cps |
| Erbium | 164-1 | 4151 | 4064 | 4197 | 4137 | 1.64 | cps |
| Erbium | 164-2 | 2540 | 2487 | 2510 | 2512 | 1.06 | cps |
| Gadolinium | 160-1 | 4441 | 4644 | 4417 | 4501 | 2.77 | cps |
| Gadolinium | 160-2 | 3057 | 3180 | 3217 | 3151 | 2.66 | cps |
| Holmium | 165-1 | 10993632 | 10786989 | 10803402 | 10861341 | 1.06 | cps |
| Holmium | 165-2 | 6578031 | 6540515 | 6543985 | 6554177 | 0.32 | cps |
| Indium | 115-1 | 8492131 | 8380027 | 8483319 | 8451825 | 0.74 | cps |
| Indium | 115-2 | 2610258 | 2622517 | 2575456 | 2602744 | 0.94 | cps |
| Iron | 56-2 | 33640909 | 33628106 | 33193752 | 33487589 | 0.76 | cps |
| Iron | 57-2 | 857936 | 857057 | 859101 | 858031 | 0.12 | cps |
| Iron | 54-2 | 1857872 | 1873146 | 1862320 | 1864446 | 0.42 | cps |
| Krypton | 83-1 | 223 | 210 | 227 | 220 | 4.01 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8569 | 8556 | 8239 | 8455 | 2.21 | cps |
| Lead | 207-1 | 7252 | 7165 | 7475 | 7298 | 2.19 | cps |
| Lead | 208-1 | 33343 | 33493 | 33083 | 33306 | 0.62 | cps |
| Lithium | 6-1 | 1422454 | 1453111 | 1402750 | 1426105 | 1.78 | cps |
| Magnesium | 24-2 | 999123 | 999998 | 990151 | 996424 | 0.55 | cps |
| Manganese | 55-2 | 954224 | 961537 | 953248 | 956336 | 0.47 | cps |
| Molybdenum | 94-1 | 6075 | 5801 | 5865 | 5913 | 2.42 | cps |
| Molybdenum | 95-1 | 1770 | 1863 | 1647 | 1760 | 6.18 | cps |
| Molybdenum | 96-1 | 3427 | 3214 | 3120 | 3254 | 4.83 | cps |
| Molybdenum | 97-1 | 1147 | 1163 | 1093 | 1134 | 3.22 | cps |
| Molybdenum | 98-1 | 2890 | 2900 | 2957 | 2916 | 1.23 | cps |
| Neodymium | 150-1 | 6858 | 6962 | 7122 | 6981 | 1.90 | cps |
| Neodymium | 150-2 | 3584 | 3387 | 3490 | 3487 | 2.82 | cps |
| Nickel | 60-2 | 36164 | 36889 | 37199 | 36751 | 1.45 | cps |
| Phosphorus | 31-2 | 1383 | 1323 | 1347 | 1351 | 2.24 | cps |
| Potassium | 39-2 | 158316 | 156982 | 154973 | 156757 | 1.07 | cps |
| Rhodium | 103-1 | 7924024 | 7821140 | 7807437 | 7850867 | 0.81 | cps |
| Rhodium | 103-2 | 4525189 | 4561191 | 4499994 | 4528791 | 0.68 | cps |
| Scandium | 45-1 | 4717617 | 4693415 | 4673501 | 4694844 | 0.47 | cps |
| Scandium | 45-2 | 413221 | 413167 | 412787 | 413059 | 0.06 | cps |
| Selenium | 82-1 | 363 | 391 | 377 | 377 | 3.73 | cps |
| Selenium | 77-2 | 7 | 17 | 10 | 11 | 45.82 | cps |
| Selenium | 78-2 | 260 | 303 | 247 | 270 | 10.97 | cps |
| Silicon | 28-1 | 1308156 | 1327629 | 1320704 | 1318830 | 0.75 | cps |
| Silver | 107-1 | 283 | 367 | 270 | 307 | 17.08 | cps |
| Silver | 109-1 | 227 | 223 | 300 | 250 | 17.33 | cps |
| Sodium | 23-2 | 39297 | 39080 | 38438 | 38938 | 1.15 | cps |
| Strontium | 86-1 | 24013 | 24243 | 23632 | 23963 | 1.29 | cps |
| Strontium | 88-1 | 208151 | 207602 | 208773 | 208175 | 0.28 | cps |
| Sulfur | 34-1 | 158341 | 160466 | 159793 | 159533 | 0.68 | cps |
| Terbium | 159-1 | 11294891 | 11236814 | 11134930 | 11222212 | 0.72 | cps |
| Terbium | 159-2 | 6639190 | 6643659 | 6534715 | 6605855 | 0.93 | cps |
| Thallium | 203-1 | 460 | 460 | 457 | 459 | 0.42 | cps |
| Thallium | 205-1 | 1110 | 1033 | 1047 | 1063 | 3.85 | cps |
| Tin | 118-1 | 3011 | 2540 | 2524 | 2692 | 10.28 | cps |
| Titanium | 47-1 | 115153 | 114031 | 116440 | 115208 | 1.05 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 19:09:20 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2264 | 2250 | 2430 | 2315 | 4.33 | cps |
| Vanadium | 51-2 | 76747 | 76597 | 75524 | 76289 | 0.87 | cps |
| Yttrium | 89-1 | 13868731 | 13918599 | 13858346 | 13881892 | 0.23 | cps |
| Yttrium | 89-2 | 3228138 | 3274844 | 3293901 | 3265627 | 1.04 | cps |
| Zinc | 66-2 | 9393 | 9690 | 9813 | 9632 | 2.24 | cps |
| Zirconium | 90-1 | 12982 | 13420 | 13319 | 13240 | 1.73 | cps |
| Zirconium | 91-1 | 2840 | 3104 | 2897 | 2947 | 4.70 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16845602 | 16416281 | 16800744 | 16687542 | 1.41 | cps |
| Antimony | 121-1 | 756629 | 767362 | 764037 | 762676 | 0.72 | cps |
| Arsenic | 75-2 | 277089 | 278399 | 277082 | 277523 | 0.27 | cps |
| Barium | 135-1 | 6066855 | 6071996 | 6083566 | 6074139 | 0.14 | cps |
| Barium | 137-1 | 10441521 | 10564913 | 10527787 | 10511407 | 0.60 | cps |
| Beryllium | 9-1 | 61153 | 61298 | 60713 | 61055 | 0.50 | cps |
| Bismuth | 209-1 | 6640068 | 6525020 | 6508994 | 6558028 | 1.09 | cps |
| Bismuth | 209-2 | 4469752 | 4433122 | 4366545 | 4423140 | 1.18 | cps |
| Bromine | 81-1 | 14377 | 15078 | 14130 | 14528 | 3.38 | cps |
| Bromine | 81-2 | 933 | 900 | 893 | 909 | 2.36 | cps |
| Cadmium | 108-1 | 6395 | 7018 | 6715 | 6709 | 4.65 | cps |
| Cadmium | 106-1 | 12182 | 12065 | 11711 | 11986 | 2.04 | cps |
| Cadmium | 111-1 | 94531 | 93799 | 94199 | 94176 | 0.39 | cps |
| Calcium | 43-1 | 3138111 | 3087956 | 3088104 | 3104724 | 0.93 | cps |
| Calcium | 44-1 | 50395958 | 50027644 | 49519179 | 49980927 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3967751 | 4001459 | 4069223 | 4012811 | 1.29 | cps |
| Cobalt | 59-2 | 3332323 | 3306669 | 3310240 | 3316411 | 0.42 | cps |
| Copper | 63-2 | 2239337 | 2225550 | 2236492 | 2233793 | 0.33 | cps |
| Dysprosium | 156-1 | 106816 | 108351 | 110091 | 108419 | 1.51 | cps |
| Dysprosium | 156-2 | 76859 | 75686 | 74690 | 75745 | 1.43 | cps |
| Erbium | 164-1 | 101223 | 102861 | 101848 | 101977 | 0.81 | cps |
| Erbium | 164-2 | 60108 | 60815 | 60661 | 60528 | 0.61 | cps |
| Gadolinium | 160-1 | 106891 | 107592 | 111019 | 108500 | 2.04 | cps |
| Gadolinium | 160-2 | 69260 | 69052 | 69313 | 69209 | 0.20 | cps |
| Holmium | 165-1 | 11159423 | 10834799 | 10782681 | 10925634 | 1.87 | cps |
| Holmium | 165-2 | 6459726 | 6450157 | 6332995 | 6414293 | 1.10 | cps |
| Indium | 115-1 | 8363806 | 8026857 | 8104953 | 8165205 | 2.16 | cps |
| Indium | 115-2 | 2481909 | 2409997 | 2414489 | 2435465 | 1.65 | cps |
| Iron | 56-2 | 787035615 | 770987669 | 775013322 | 777678868 | 1.07 | cps |
| Iron | 57-2 | 19347168 | 19142014 | 19399933 | 19296372 | 0.71 | cps |
| Iron | 54-2 | 42928058 | 42170360 | 42521307 | 42539908 | 0.89 | cps |
| Krypton | 83-1 | 340 | 330 | 333 | 334 | 1.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 275005 | 275196 | 279242 | 276481 | 0.87 | cps |
| Lead | 207-1 | 234066 | 237058 | 238947 | 236690 | 1.04 | cps |
| Lead | 208-1 | 1074223 | 1086573 | 1099824 | 1086873 | 1.18 | cps |
| Lithium | 6-1 | 1460892 | 1421196 | 1372496 | 1418195 | 3.12 | cps |
| Magnesium | 24-2 | 22586246 | 22504514 | 22637988 | 22576249 | 0.30 | cps |
| Manganese | 55-2 | 23516357 | 22858336 | 23445875 | 23273523 | 1.55 | cps |
| Molybdenum | 94-1 | 119254 | 119818 | 118192 | 119088 | 0.69 | cps |
| Molybdenum | 95-1 | 19556 | 19837 | 19333 | 19575 | 1.29 | cps |
| Molybdenum | 96-1 | 49841 | 50360 | 49149 | 49783 | 1.22 | cps |
| Molybdenum | 97-1 | 12192 | 11822 | 11578 | 11864 | 2.60 | cps |
| Molybdenum | 98-1 | 30432 | 30375 | 30108 | 30305 | 0.57 | cps |
| Neodymium | 150-1 | 160212 | 162916 | 166132 | 163087 | 1.82 | cps |
| Neodymium | 150-2 | 82811 | 81501 | 82228 | 82180 | 0.80 | cps |
| Nickel | 60-2 | 1418598 | 1399307 | 1408772 | 1408892 | 0.68 | cps |
| Phosphorus | 31-2 | 26269 | 25965 | 25815 | 26017 | 0.89 | cps |
| Potassium | 39-2 | 2386256 | 2357184 | 2334266 | 2359235 | 1.10 | cps |
| Rhodium | 103-1 | 7665410 | 7300667 | 7350671 | 7438916 | 2.66 | cps |
| Rhodium | 103-2 | 4246364 | 4156235 | 4139848 | 4180816 | 1.37 | cps |
| Scandium | 45-1 | 5603848 | 5341100 | 5316309 | 5420419 | 2.94 | cps |
| Scandium | 45-2 | 467448 | 468351 | 466352 | 467383 | 0.21 | cps |
| Selenium | 82-1 | 13828 | 13735 | 13702 | 13755 | 0.48 | cps |
| Selenium | 77-2 | 1500 | 1447 | 1367 | 1438 | 4.67 | cps |
| Selenium | 78-2 | 4271 | 4207 | 4214 | 4231 | 0.82 | cps |
| Silicon | 28-1 | 31607690 | 32097280 | 31500505 | 31735158 | 1.00 | cps |
| Silver | 107-1 | 385550 | 387825 | 385839 | 386404 | 0.32 | cps |
| Silver | 109-1 | 364768 | 365218 | 367319 | 365768 | 0.37 | cps |
| Sodium | 23-2 | 192646 | 191137 | 194144 | 192642 | 0.78 | cps |
| Strontium | 86-1 | 537352 | 535285 | 535116 | 535918 | 0.23 | cps |
| Strontium | 88-1 | 4809577 | 4832961 | 4764804 | 4802448 | 0.72 | cps |
| Sulfur | 34-1 | 166415 | 159018 | 155445 | 160293 | 3.49 | cps |
| Terbium | 159-1 | 11491111 | 10970012 | 11063145 | 11174756 | 2.49 | cps |
| Terbium | 159-2 | 6430315 | 6482402 | 6366041 | 6426253 | 0.91 | cps |
| Thallium | 203-1 | 326418 | 332157 | 336409 | 331661 | 1.51 | cps |
| Thallium | 205-1 | 793776 | 789297 | 793800 | 792291 | 0.33 | cps |
| Tin | 118-1 | 22524 | 22655 | 22324 | 22501 | 0.74 | cps |
| Titanium | 47-1 | 2776375 | 2761811 | 2726447 | 2754878 | 0.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:15:50 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43377 | 44618 | 43952 | 43982 | 1.41 | cps |
| Vanadium | 51-2 | 3102283 | 3126209 | 3167352 | 3131948 | 1.05 | cps |
| Yttrium | 89-1 | 15535659 | 14802167 | 14704518 | 15014115 | 3.03 | cps |
| Yttrium | 89-2 | 3544038 | 3450237 | 3374840 | 3456372 | 2.45 | cps |
| Zinc | 66-2 | 454487 | 447745 | 445545 | 449259 | 1.04 | cps |
| Zirconium | 90-1 | 290859 | 294693 | 292689 | 292747 | 0.66 | cps |
| Zirconium | 91-1 | 65194 | 65867 | 67233 | 66098 | 1.57 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17278518 | 17368792 | 17302690 | 17316667 | 0.27 | cps |
| Antimony | 121-1 | 3701200 | 3750875 | 3750984 | 3734353 | 0.77 | cps |
| Arsenic | 75-2 | 329181 | 329603 | 327766 | 328850 | 0.29 | cps |
| Barium | 135-1 | 21605136 | 21741002 | 21842690 | 21729609 | 0.55 | cps |
| Barium | 137-1 | 36756660 | 37529940 | 37285918 | 37190839 | 1.06 | cps |
| Beryllium | 9-1 | 273256 | 278621 | 276905 | 276261 | 0.99 | cps |
| Bismuth | 209-1 | 6598632 | 6453385 | 6504416 | 6518811 | 1.13 | cps |
| Bismuth | 209-2 | 4454642 | 4473227 | 4481469 | 4469779 | 0.31 | cps |
| Bromine | 81-1 | 13403 | 14010 | 14020 | 13811 | 2.56 | cps |
| Bromine | 81-2 | 920 | 973 | 973 | 956 | 3.22 | cps |
| Cadmium | 108-1 | 28792 | 29186 | 28882 | 28953 | 0.71 | cps |
| Cadmium | 106-1 | 42903 | 43669 | 43572 | 43381 | 0.96 | cps |
| Cadmium | 111-1 | 436543 | 442989 | 443482 | 441005 | 0.88 | cps |
| Calcium | 43-1 | 2886646 | 2950701 | 2952079 | 2929809 | 1.28 | cps |
| Calcium | 44-1 | 46766181 | 47360844 | 47225884 | 47117637 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6294048 | 6339986 | 6301661 | 6311899 | 0.39 | cps |
| Cobalt | 59-2 | 12462310 | 12470456 | 12508403 | 12480390 | 0.20 | cps |
| Copper | 63-2 | 5232270 | 5321690 | 5290258 | 5281406 | 0.86 | cps |
| Dysprosium | 156-1 | 105042 | 104002 | 104720 | 104588 | 0.51 | cps |
| Dysprosium | 156-2 | 74262 | 74962 | 74550 | 74591 | 0.47 | cps |
| Erbium | 164-1 | 97611 | 98706 | 99193 | 98503 | 0.82 | cps |
| Erbium | 164-2 | 60219 | 59101 | 59646 | 59656 | 0.94 | cps |
| Gadolinium | 160-1 | 103119 | 105644 | 106796 | 105187 | 1.79 | cps |
| Gadolinium | 160-2 | 67917 | 67542 | 67980 | 67813 | 0.35 | cps |
| Holmium | 165-1 | 10796673 | 10911413 | 10703036 | 10803707 | 0.97 | cps |
| Holmium | 165-2 | 6524960 | 6471774 | 6569929 | 6522221 | 0.75 | cps |
| Indium | 115-1 | 8147840 | 8118223 | 7860594 | 8042219 | 1.96 | cps |
| Indium | 115-2 | 2460003 | 2473725 | 2437493 | 2457074 | 0.74 | cps |
| Iron | 56-2 | 768797775 | 767561989 | 766750335 | 767703366 | 0.13 | cps |
| Iron | 57-2 | 19011998 | 19029969 | 19004468 | 19015478 | 0.07 | cps |
| Iron | 54-2 | 41974768 | 42168261 | 42028040 | 42057023 | 0.24 | cps |
| Krypton | 83-1 | 313 | 373 | 357 | 348 | 8.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 675034 | 691672 | 691460 | 686055 | 1.39 | cps |
| Lead | 207-1 | 586438 | 593169 | 596433 | 592013 | 0.86 | cps |
| Lead | 208-1 | 2680845 | 2722982 | 2734353 | 2712727 | 1.04 | cps |
| Lithium | 6-1 | 1393610 | 1366490 | 1354931 | 1371677 | 1.45 | cps |
| Magnesium | 24-2 | 21854736 | 22014221 | 22092378 | 21987112 | 0.55 | cps |
| Manganese | 55-2 | 26912677 | 26926947 | 26878147 | 26905924 | 0.09 | cps |
| Molybdenum | 94-1 | 112743 | 112810 | 114692 | 113415 | 0.98 | cps |
| Molybdenum | 95-1 | 18218 | 18402 | 19239 | 18620 | 2.92 | cps |
| Molybdenum | 96-1 | 47055 | 47925 | 47303 | 47428 | 0.94 | cps |
| Molybdenum | 97-1 | 10804 | 11354 | 11221 | 11127 | 2.58 | cps |
| Molybdenum | 98-1 | 28384 | 29263 | 29360 | 29002 | 1.85 | cps |
| Neodymium | 150-1 | 157128 | 157953 | 159214 | 158098 | 0.66 | cps |
| Neodymium | 150-2 | 80552 | 80418 | 80203 | 80391 | 0.22 | cps |
| Nickel | 60-2 | 3825993 | 3817882 | 3771477 | 3805117 | 0.77 | cps |
| Phosphorus | 31-2 | 25662 | 25308 | 25177 | 25382 | 0.99 | cps |
| Potassium | 39-2 | 2318879 | 2322604 | 2271963 | 2304482 | 1.22 | cps |
| Rhodium | 103-1 | 7244541 | 7241804 | 7159799 | 7215381 | 0.67 | cps |
| Rhodium | 103-2 | 4161849 | 4165393 | 4224766 | 4184003 | 0.84 | cps |
| Scandium | 45-1 | 5253764 | 5198003 | 5206453 | 5219407 | 0.58 | cps |
| Scandium | 45-2 | 464140 | 468365 | 463974 | 465493 | 0.53 | cps |
| Selenium | 82-1 | 60162 | 60579 | 61417 | 60720 | 1.05 | cps |
| Selenium | 77-2 | 5758 | 5921 | 5775 | 5818 | 1.55 | cps |
| Selenium | 78-2 | 18251 | 18542 | 19052 | 18615 | 2.18 | cps |
| Silicon | 28-1 | 29209987 | 29545447 | 29543085 | 29432840 | 0.66 | cps |
| Silver | 107-1 | 1951478 | 1962579 | 1974834 | 1962964 | 0.60 | cps |
| Silver | 109-1 | 1845359 | 1873800 | 1880229 | 1866463 | 0.99 | cps |
| Sodium | 23-2 | 188958 | 191086 | 188014 | 189353 | 0.83 | cps |
| Strontium | 86-1 | 505937 | 514323 | 514479 | 511580 | 0.96 | cps |
| Strontium | 88-1 | 4563135 | 4609703 | 4610441 | 4594426 | 0.59 | cps |
| Sulfur | 34-1 | 143715 | 142252 | 141457 | 142475 | 0.80 | cps |
| Terbium | 159-1 | 11098728 | 11033872 | 11058188 | 11063596 | 0.30 | cps |
| Terbium | 159-2 | 6534302 | 6487266 | 6424532 | 6482033 | 0.85 | cps |
| Thallium | 203-1 | 1878231 | 1914553 | 1901910 | 1898231 | 0.97 | cps |
| Thallium | 205-1 | 4475967 | 4531728 | 4464735 | 4490810 | 0.80 | cps |
| Tin | 118-1 | 21640 | 21500 | 21767 | 21635 | 0.62 | cps |
| Titanium | 47-1 | 2572342 | 2616348 | 2632358 | 2607016 | 1.19 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:18:48 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42758 | 43053 | 43100 | 42970 | 0.43 | cps |
| Vanadium | 51-2 | 8360768 | 8300915 | 8338028 | 8333237 | 0.36 | cps |
| Yttrium | 89-1 | 14801841 | 14617514 | 14492901 | 14637419 | 1.06 | cps |
| Yttrium | 89-2 | 3454638 | 3465952 | 3429468 | 3450019 | 0.54 | cps |
| Zinc | 66-2 | 1424305 | 1427067 | 1424312 | 1425228 | 0.11 | cps |
| Zirconium | 90-1 | 275751 | 281794 | 284110 | 280552 | 1.54 | cps |
| Zirconium | 91-1 | 62010 | 63985 | 64601 | 63532 | 2.13 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4089090 | 4111342 | 4116953 | 4105795 | 0.36 | cps |
| Antimony | 121-1 | 195155 | 194206 | 196430 | 195264 | 0.57 | cps |
| Arsenic | 75-2 | 69371 | 70781 | 70466 | 70206 | 1.05 | cps |
| Barium | 135-1 | 1413690 | 1422596 | 1422737 | 1419674 | 0.37 | cps |
| Barium | 137-1 | 2640044 | 2668364 | 2646880 | 2651763 | 0.56 | cps |
| Beryllium | 9-1 | 15836 | 15491 | 15424 | 15584 | 1.42 | cps |
| Bismuth | 209-1 | 6742006 | 6714430 | 6807730 | 6754722 | 0.71 | cps |
| Bismuth | 209-2 | 4765802 | 4702013 | 4624364 | 4697393 | 1.51 | cps |
| Bromine | 81-1 | 10734 | 10641 | 10757 | 10711 | 0.58 | cps |
| Bromine | 81-2 | 247 | 310 | 297 | 284 | 11.74 | cps |
| Cadmium | 108-1 | 1530 | 1653 | 1560 | 1581 | 4.07 | cps |
| Cadmium | 106-1 | 5138 | 4818 | 4931 | 4962 | 3.27 | cps |
| Cadmium | 111-1 | 25938 | 26101 | 25749 | 25929 | 0.68 | cps |
| Calcium | 43-1 | 790996 | 795339 | 791997 | 792777 | 0.29 | cps |
| Calcium | 44-1 | 12069519 | 12029860 | 12057970 | 12052450 | 0.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1001833 | 1009504 | 1002139 | 1004492 | 0.43 | cps |
| Cobalt | 59-2 | 815311 | 817732 | 812880 | 815308 | 0.30 | cps |
| Copper | 63-2 | 540966 | 541906 | 541116 | 541329 | 0.09 | cps |
| Dysprosium | 156-1 | 26969 | 26779 | 26782 | 26843 | 0.41 | cps |
| Dysprosium | 156-2 | 18619 | 18329 | 19096 | 18681 | 2.07 | cps |
| Erbium | 164-1 | 24792 | 24632 | 25530 | 24985 | 1.92 | cps |
| Erbium | 164-2 | 15172 | 15489 | 15472 | 15377 | 1.16 | cps |
| Gadolinium | 160-1 | 27166 | 27490 | 26659 | 27105 | 1.55 | cps |
| Gadolinium | 160-2 | 17498 | 17574 | 17778 | 17617 | 0.82 | cps |
| Holmium | 165-1 | 11014792 | 10834513 | 10815431 | 10888245 | 1.01 | cps |
| Holmium | 165-2 | 6741001 | 6657962 | 6560531 | 6653165 | 1.36 | cps |
| Indium | 115-1 | 8199054 | 8210924 | 8167050 | 8192343 | 0.28 | cps |
| Indium | 115-2 | 2596493 | 2529081 | 2537231 | 2554268 | 1.44 | cps |
| Iron | 56-2 | 194183290 | 194320424 | 193050850 | 193851522 | 0.36 | cps |
| Iron | 57-2 | 4832771 | 4864696 | 4823463 | 4840310 | 0.45 | cps |
| Iron | 54-2 | 10666945 | 10639942 | 10584597 | 10630494 | 0.39 | cps |
| Krypton | 83-1 | 227 | 237 | 220 | 228 | 3.68 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 70930 | 72361 | 72415 | 71902 | 1.17 | cps |
| Lead | 207-1 | 61174 | 62580 | 61790 | 61848 | 1.14 | cps |
| Lead | 208-1 | 279426 | 281381 | 285298 | 282035 | 1.06 | cps |
| Lithium | 6-1 | 1390569 | 1402073 | 1353784 | 1382142 | 1.82 | cps |
| Magnesium | 24-2 | 5540324 | 5552673 | 5555041 | 5549346 | 0.14 | cps |
| Manganese | 55-2 | 5783383 | 5817634 | 5749350 | 5783456 | 0.59 | cps |
| Molybdenum | 94-1 | 29156 | 29503 | 29967 | 29542 | 1.38 | cps |
| Molybdenum | 95-1 | 5278 | 5014 | 5258 | 5183 | 2.83 | cps |
| Molybdenum | 96-1 | 12502 | 12372 | 12609 | 12494 | 0.95 | cps |
| Molybdenum | 97-1 | 3337 | 2980 | 3310 | 3209 | 6.19 | cps |
| Molybdenum | 98-1 | 7872 | 8136 | 8069 | 8026 | 1.71 | cps |
| Neodymium | 150-1 | 40588 | 40839 | 40839 | 40755 | 0.36 | cps |
| Neodymium | 150-2 | 21086 | 20351 | 20265 | 20567 | 2.19 | cps |
| Nickel | 60-2 | 360997 | 363641 | 362620 | 362419 | 0.37 | cps |
| Phosphorus | 31-2 | 6892 | 6475 | 6328 | 6565 | 4.45 | cps |
| Potassium | 39-2 | 658026 | 665445 | 661139 | 661536 | 0.56 | cps |
| Rhodium | 103-1 | 7601792 | 7490224 | 7351162 | 7481059 | 1.68 | cps |
| Rhodium | 103-2 | 4465413 | 4345581 | 4398198 | 4403064 | 1.36 | cps |
| Scandium | 45-1 | 4671441 | 4601581 | 4516334 | 4596452 | 1.69 | cps |
| Scandium | 45-2 | 425791 | 413257 | 413814 | 417621 | 1.70 | cps |
| Selenium | 82-1 | 3639 | 3787 | 3724 | 3717 | 2.00 | cps |
| Selenium | 77-2 | 363 | 383 | 413 | 387 | 6.51 | cps |
| Selenium | 78-2 | 1360 | 1240 | 1243 | 1281 | 5.33 | cps |
| Silicon | 28-1 | 7733413 | 7710882 | 7733733 | 7726009 | 0.17 | cps |
| Silver | 107-1 | 99088 | 99481 | 99424 | 99331 | 0.21 | cps |
| Silver | 109-1 | 93056 | 93264 | 93814 | 93378 | 0.42 | cps |
| Sodium | 23-2 | 68796 | 69151 | 68538 | 68828 | 0.45 | cps |
| Strontium | 86-1 | 130643 | 131615 | 131256 | 131171 | 0.37 | cps |
| Strontium | 88-1 | 1149916 | 1158351 | 1158053 | 1155440 | 0.41 | cps |
| Sulfur | 34-1 | 138413 | 139933 | 137499 | 138615 | 0.89 | cps |
| Terbium | 159-1 | 11132057 | 11281222 | 11009669 | 11140982 | 1.22 | cps |
| Terbium | 159-2 | 6676782 | 6594388 | 6560721 | 6610631 | 0.90 | cps |
| Thallium | 203-1 | 85104 | 86160 | 85463 | 85576 | 0.63 | cps |
| Thallium | 205-1 | 203903 | 204000 | 206568 | 204824 | 0.74 | cps |
| Tin | 118-1 | 6725 | 6845 | 6502 | 6691 | 2.61 | cps |
| Titanium | 47-1 | 671167 | 674065 | 672233 | 672488 | 0.22 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:21:42 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11478 | 11095 | 11322 | 11298 | 1.71 | cps |
| Vanadium | 51-2 | 776053 | 785831 | 778199 | 780028 | 0.66 | cps |
| Yttrium | 89-1 | 13632922 | 13667548 | 13599454 | 13633308 | 0.25 | cps |
| Yttrium | 89-2 | 3304367 | 3261134 | 3234072 | 3266524 | 1.09 | cps |
| Zinc | 66-2 | 116114 | 115798 | 115170 | 115694 | 0.42 | cps |
| Zirconium | 90-1 | 71858 | 72246 | 71860 | 71988 | 0.31 | cps |
| Zirconium | 91-1 | 16476 | 16139 | 16693 | 16436 | 1.70 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4404810 | 4360987 | 4368028 | 4377942 | 0.54 | cps |
| Antimony | 121-1 | 905607 | 916076 | 916458 | 912714 | 0.67 | cps |
| Arsenic | 75-2 | 83577 | 83801 | 84163 | 83847 | 0.35 | cps |
| Barium | 135-1 | 5527058 | 5535644 | 5553240 | 5538647 | 0.24 | cps |
| Barium | 137-1 | 9555334 | 9553252 | 9520713 | 9543100 | 0.20 | cps |
| Beryllium | 9-1 | 71586 | 72111 | 71670 | 71789 | 0.39 | cps |
| Bismuth | 209-1 | 6905005 | 6977806 | 6816825 | 6899879 | 1.17 | cps |
| Bismuth | 209-2 | 4712711 | 4619660 | 4725344 | 4685905 | 1.23 | cps |
| Bromine | 81-1 | 10504 | 11311 | 10831 | 10882 | 3.73 | cps |
| Bromine | 81-2 | 313 | 277 | 307 | 299 | 6.54 | cps |
| Cadmium | 108-1 | 7422 | 7482 | 7729 | 7544 | 2.16 | cps |
| Cadmium | 106-1 | 13476 | 13500 | 13239 | 13405 | 1.07 | cps |
| Cadmium | 111-1 | 117799 | 118304 | 118621 | 118241 | 0.35 | cps |
| Calcium | 43-1 | 783183 | 783648 | 784103 | 783645 | 0.06 | cps |
| Calcium | 44-1 | 11826997 | 11880164 | 11908369 | 11871843 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1633047 | 1583877 | 1589879 | 1602268 | 1.67 | cps |
| Cobalt | 59-2 | 3211964 | 3207900 | 3221048 | 3213637 | 0.21 | cps |
| Copper | 63-2 | 1328326 | 1321986 | 1309693 | 1320002 | 0.72 | cps |
| Dysprosium | 156-1 | 26235 | 26979 | 26862 | 26692 | 1.50 | cps |
| Dysprosium | 156-2 | 18839 | 18649 | 19333 | 18941 | 1.86 | cps |
| Erbium | 164-1 | 25053 | 25570 | 25557 | 25393 | 1.16 | cps |
| Erbium | 164-2 | 15442 | 15152 | 15105 | 15233 | 1.20 | cps |
| Gadolinium | 160-1 | 26776 | 27257 | 26675 | 26903 | 1.15 | cps |
| Gadolinium | 160-2 | 17775 | 17631 | 17304 | 17570 | 1.37 | cps |
| Holmium | 165-1 | 10816460 | 11097544 | 10674784 | 10862930 | 1.98 | cps |
| Holmium | 165-2 | 6643017 | 6518288 | 6595989 | 6585764 | 0.96 | cps |
| Indium | 115-1 | 8297831 | 8378774 | 8066291 | 8247632 | 1.97 | cps |
| Indium | 115-2 | 2547049 | 2519960 | 2481422 | 2516143 | 1.31 | cps |
| Iron | 56-2 | 197591810 | 195609404 | 194598757 | 195933324 | 0.78 | cps |
| Iron | 57-2 | 4801106 | 4818433 | 4793378 | 4804306 | 0.27 | cps |
| Iron | 54-2 | 10767776 | 10733395 | 10744516 | 10748562 | 0.16 | cps |
| Krypton | 83-1 | 177 | 253 | 260 | 230 | 20.13 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 176821 | 181134 | 179101 | 179018 | 1.21 | cps |
| Lead | 207-1 | 153260 | 154379 | 155016 | 154218 | 0.58 | cps |
| Lead | 208-1 | 704225 | 714411 | 714026 | 710887 | 0.81 | cps |
| Lithium | 6-1 | 1392521 | 1378524 | 1404562 | 1391869 | 0.94 | cps |
| Magnesium | 24-2 | 5600340 | 5504955 | 5505631 | 5536975 | 0.99 | cps |
| Manganese | 55-2 | 6949962 | 6829598 | 6737107 | 6838889 | 1.56 | cps |
| Molybdenum | 94-1 | 28545 | 28949 | 28995 | 28829 | 0.86 | cps |
| Molybdenum | 95-1 | 4934 | 5128 | 5018 | 5026 | 1.93 | cps |
| Molybdenum | 96-1 | 12585 | 12215 | 12549 | 12450 | 1.64 | cps |
| Molybdenum | 97-1 | 3077 | 3077 | 3140 | 3098 | 1.18 | cps |
| Molybdenum | 98-1 | 7812 | 7739 | 8259 | 7937 | 3.55 | cps |
| Neodymium | 150-1 | 40000 | 40682 | 40448 | 40377 | 0.86 | cps |
| Neodymium | 150-2 | 20846 | 21146 | 20969 | 20987 | 0.72 | cps |
| Nickel | 60-2 | 946215 | 944893 | 940198 | 943769 | 0.34 | cps |
| Phosphorus | 31-2 | 6465 | 6401 | 6421 | 6429 | 0.50 | cps |
| Potassium | 39-2 | 656867 | 650866 | 649022 | 652252 | 0.63 | cps |
| Rhodium | 103-1 | 7521208 | 7563649 | 7379532 | 7488130 | 1.29 | cps |
| Rhodium | 103-2 | 4388812 | 4360757 | 4375074 | 4374881 | 0.32 | cps |
| Scandium | 45-1 | 4605477 | 4658702 | 4530138 | 4598105 | 1.40 | cps |
| Scandium | 45-2 | 412118 | 417647 | 407142 | 412302 | 1.27 | cps |
| Selenium | 82-1 | 15988 | 16420 | 16253 | 16220 | 1.34 | cps |
| Selenium | 77-2 | 1460 | 1530 | 1643 | 1545 | 5.99 | cps |
| Selenium | 78-2 | 5168 | 4978 | 5004 | 5050 | 2.04 | cps |
| Silicon | 28-1 | 7636916 | 7730560 | 7690844 | 7686107 | 0.61 | cps |
| Silver | 107-1 | 491147 | 489531 | 490803 | 490494 | 0.17 | cps |
| Silver | 109-1 | 457835 | 457758 | 457938 | 457844 | 0.02 | cps |
| Sodium | 23-2 | 66777 | 67782 | 67377 | 67312 | 0.75 | cps |
| Strontium | 86-1 | 130106 | 131329 | 129931 | 130455 | 0.58 | cps |
| Strontium | 88-1 | 1140651 | 1141593 | 1146673 | 1142972 | 0.28 | cps |
| Sulfur | 34-1 | 138854 | 139638 | 140579 | 139690 | 0.62 | cps |
| Terbium | 159-1 | 11137202 | 11169836 | 11107478 | 11138172 | 0.28 | cps |
| Terbium | 159-2 | 6590483 | 6625427 | 6542958 | 6586289 | 0.63 | cps |
| Thallium | 203-1 | 418713 | 418609 | 422388 | 419903 | 0.51 | cps |
| Thallium | 205-1 | 1001793 | 1006569 | 1001543 | 1003302 | 0.28 | cps |
| Tin | 118-1 | 6495 | 6668 | 6562 | 6575 | 1.33 | cps |
| Titanium | 47-1 | 657113 | 665561 | 666780 | 663151 | 0.79 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 19:24:50 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10788 | 11151 | 11518 | 11153 | 3.28 | cps |
| Vanadium | 51-2 | 2087060 | 2096613 | 2060921 | 2081531 | 0.89 | cps |
| Yttrium | 89-1 | 13725012 | 13634764 | 13482634 | 13614137 | 0.90 | cps |
| Yttrium | 89-2 | 3311067 | 3221194 | 3261932 | 3264731 | 1.38 | cps |
| Zinc | 66-2 | 375343 | 375405 | 372549 | 374432 | 0.44 | cps |
| Zirconium | 90-1 | 69792 | 70193 | 70391 | 70125 | 0.44 | cps |
| Zirconium | 91-1 | 15482 | 16249 | 15875 | 15869 | 2.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13524975 | 13614241 | 13593119 | 13577445 | 0.34 | cps |
| Antimony | 121-1 | 52826 | 53666 | 53696 | 53396 | 0.92 | cps |
| Arsenic | 75-2 | 65550 | 65487 | 65617 | 65552 | 0.10 | cps |
| Barium | 135-1 | 591944 | 604184 | 605879 | 600669 | 1.27 | cps |
| Barium | 137-1 | 1032969 | 1050280 | 1051583 | 1044944 | 0.99 | cps |
| Beryllium | 9-1 | 1711 | 1795 | 1872 | 1793 | 4.49 | cps |
| Bismuth | 209-1 | 6700860 | 6725439 | 6731641 | 6719314 | 0.24 | cps |
| Bismuth | 209-2 | 4686883 | 4630212 | 4638204 | 4651766 | 0.66 | cps |
| Bromine | 81-1 | 11968 | 12342 | 12439 | 12250 | 2.03 | cps |
| Bromine | 81-2 | 433 | 437 | 390 | 420 | 6.20 | cps |
| Cadmium | 108-1 | 520 | 487 | 413 | 473 | 11.53 | cps |
| Cadmium | 106-1 | 3567 | 3677 | 3537 | 3594 | 2.05 | cps |
| Cadmium | 111-1 | 7181 | 7141 | 7011 | 7111 | 1.25 | cps |
| Calcium | 43-1 | 488579 | 506723 | 512956 | 502753 | 2.52 | cps |
| Calcium | 44-1 | 7478164 | 7576462 | 7757469 | 7604031 | 1.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 249197 | 251225 | 251304 | 250575 | 0.48 | cps |
| Cobalt | 59-2 | 429666 | 432017 | 430206 | 430630 | 0.29 | cps |
| Copper | 63-2 | 979933 | 977056 | 979353 | 978781 | 0.16 | cps |
| Dysprosium | 156-1 | 41765 | 41909 | 42203 | 41959 | 0.53 | cps |
| Dysprosium | 156-2 | 29939 | 29625 | 30293 | 29952 | 1.12 | cps |
| Erbium | 164-1 | 43427 | 44878 | 44501 | 44269 | 1.70 | cps |
| Erbium | 164-2 | 27036 | 27507 | 27230 | 27258 | 0.87 | cps |
| Gadolinium | 160-1 | 41956 | 42962 | 43086 | 42668 | 1.45 | cps |
| Gadolinium | 160-2 | 28359 | 28088 | 28359 | 28269 | 0.55 | cps |
| Holmium | 165-1 | 10878034 | 10949729 | 10775037 | 10867600 | 0.81 | cps |
| Holmium | 165-2 | 6789821 | 6653025 | 6625765 | 6689537 | 1.31 | cps |
| Indium | 115-1 | 8309809 | 8403857 | 8243662 | 8319109 | 0.97 | cps |
| Indium | 115-2 | 2633569 | 2589083 | 2618902 | 2613851 | 0.87 | cps |
| Iron | 56-2 | 461064713 | 462088766 | 464425753 | 462526411 | 0.37 | cps |
| Iron | 57-2 | 11471488 | 11451523 | 11610107 | 11511039 | 0.75 | cps |
| Iron | 54-2 | 25432787 | 25528585 | 25388792 | 25450055 | 0.28 | cps |
| Krypton | 83-1 | 313 | 233 | 277 | 274 | 14.59 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 241748 | 244703 | 240497 | 242316 | 0.89 | cps |
| Lead | 207-1 | 208743 | 210483 | 210353 | 209860 | 0.46 | cps |
| Lead | 208-1 | 945425 | 957617 | 950786 | 951276 | 0.64 | cps |
| Lithium | 6-1 | 1417397 | 1391832 | 1356273 | 1388501 | 2.21 | cps |
| Magnesium | 24-2 | 8899525 | 8837701 | 8851195 | 8862807 | 0.37 | cps |
| Manganese | 55-2 | 9225716 | 9274314 | 9193168 | 9231066 | 0.44 | cps |
| Molybdenum | 94-1 | 43090 | 45203 | 44735 | 44342 | 2.50 | cps |
| Molybdenum | 95-1 | 9960 | 10210 | 10167 | 10112 | 1.32 | cps |
| Molybdenum | 96-1 | 22881 | 22931 | 23759 | 23191 | 2.13 | cps |
| Molybdenum | 97-1 | 5768 | 6271 | 6438 | 6159 | 5.67 | cps |
| Molybdenum | 98-1 | 15715 | 15972 | 15765 | 15818 | 0.86 | cps |
| Neodymium | 150-1 | 61199 | 63780 | 63613 | 62864 | 2.30 | cps |
| Neodymium | 150-2 | 32434 | 32912 | 32187 | 32511 | 1.13 | cps |
| Nickel | 60-2 | 77040 | 76628 | 77438 | 77035 | 0.53 | cps |
| Phosphorus | 31-2 | 18007 | 17634 | 17727 | 17789 | 1.09 | cps |
| Potassium | 39-2 | 1349247 | 1371748 | 1350315 | 1357104 | 0.94 | cps |
| Rhodium | 103-1 | 7596704 | 7612337 | 7609372 | 7606137 | 0.11 | cps |
| Rhodium | 103-2 | 4535400 | 4523961 | 4490380 | 4516580 | 0.52 | cps |
| Scandium | 45-1 | 4778199 | 4896057 | 4873312 | 4849190 | 1.29 | cps |
| Scandium | 45-2 | 453716 | 446458 | 450786 | 450320 | 0.81 | cps |
| Selenium | 82-1 | 448 | 580 | 531 | 520 | 12.81 | cps |
| Selenium | 77-2 | 170 | 170 | 133 | 158 | 13.41 | cps |
| Selenium | 78-2 | 317 | 443 | 373 | 378 | 16.80 | cps |
| Silicon | 28-1 | 14234562 | 14597740 | 14694584 | 14508962 | 1.67 | cps |
| Silver | 107-1 | 11491 | 11365 | 10817 | 11224 | 3.19 | cps |
| Silver | 109-1 | 10634 | 10527 | 10551 | 10571 | 0.53 | cps |
| Sodium | 23-2 | 448425 | 448044 | 451480 | 449316 | 0.42 | cps |
| Strontium | 86-1 | 349485 | 360760 | 362442 | 357562 | 1.97 | cps |
| Strontium | 88-1 | 3133268 | 3195805 | 3253511 | 3194195 | 1.88 | cps |
| Sulfur | 34-1 | 138780 | 141400 | 142504 | 140894 | 1.36 | cps |
| Terbium | 159-1 | 11155077 | 11072327 | 11058038 | 11095148 | 0.47 | cps |
| Terbium | 159-2 | 6611137 | 6590445 | 6664821 | 6622134 | 0.58 | cps |
| Thallium | 203-1 | 2627 | 2714 | 2460 | 2600 | 4.95 | cps |
| Thallium | 205-1 | 6161 | 6168 | 6095 | 6141 | 0.66 | cps |
| Tin | 118-1 | 18442 | 18886 | 19270 | 18866 | 2.20 | cps |
| Titanium | 47-1 | 2951704 | 3075164 | 3098712 | 3041860 | 2.60 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:27:53 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17308 | 17568 | 17188 | 17355 | 1.12 | cps |
| Vanadium | 51-2 | 816921 | 821957 | 822687 | 820522 | 0.38 | cps |
| Yttrium | 89-1 | 14196987 | 14320100 | 14371924 | 14296337 | 0.63 | cps |
| Yttrium | 89-2 | 3465544 | 3483493 | 3501702 | 3483580 | 0.52 | cps |
| Zinc | 66-2 | 380128 | 381348 | 383223 | 381566 | 0.41 | cps |
| Zirconium | 90-1 | 102417 | 105173 | 106603 | 104731 | 2.03 | cps |
| Zirconium | 91-1 | 22878 | 23796 | 23936 | 23537 | 2.44 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11090336 | 11055051 | 10972717 | 11039368 | 0.55 | cps |
| Antimony | 121-1 | 71661 | 74545 | 73413 | 73206 | 1.99 | cps |
| Arsenic | 75-2 | 112361 | 111360 | 110756 | 111493 | 0.73 | cps |
| Barium | 135-1 | 1696036 | 1718440 | 1703424 | 1705967 | 0.67 | cps |
| Barium | 137-1 | 2908257 | 2960289 | 2963440 | 2943996 | 1.05 | cps |
| Beryllium | 9-1 | 2673 | 2817 | 3034 | 2841 | 6.40 | cps |
| Bismuth | 209-1 | 6768104 | 6892581 | 6819801 | 6826828 | 0.92 | cps |
| Bismuth | 209-2 | 4614228 | 4902350 | 4800454 | 4772344 | 3.06 | cps |
| Bromine | 81-1 | 13196 | 13169 | 13186 | 13184 | 0.10 | cps |
| Bromine | 81-2 | 597 | 487 | 523 | 536 | 10.46 | cps |
| Cadmium | 108-1 | 883 | 823 | 840 | 849 | 3.65 | cps |
| Cadmium | 106-1 | 4307 | 4584 | 4294 | 4395 | 3.73 | cps |
| Cadmium | 111-1 | 11033 | 11389 | 11254 | 11225 | 1.60 | cps |
| Calcium | 43-1 | 240226 | 244082 | 243050 | 242453 | 0.82 | cps |
| Calcium | 44-1 | 3659196 | 3690142 | 3687049 | 3678796 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 503375 | 501805 | 502368 | 502516 | 0.16 | cps |
| Cobalt | 59-2 | 438716 | 439704 | 437516 | 438645 | 0.25 | cps |
| Copper | 63-2 | 1987381 | 1992885 | 1988775 | 1989680 | 0.14 | cps |
| Dysprosium | 156-1 | 89674 | 89936 | 89043 | 89551 | 0.51 | cps |
| Dysprosium | 156-2 | 68067 | 67300 | 67629 | 67665 | 0.57 | cps |
| Erbium | 164-1 | 66300 | 67824 | 67576 | 67233 | 1.22 | cps |
| Erbium | 164-2 | 40900 | 40161 | 40977 | 40679 | 1.11 | cps |
| Gadolinium | 160-1 | 80168 | 82039 | 81365 | 81190 | 1.17 | cps |
| Gadolinium | 160-2 | 53562 | 53144 | 53970 | 53559 | 0.77 | cps |
| Holmium | 165-1 | 10818309 | 10992832 | 10861163 | 10890768 | 0.84 | cps |
| Holmium | 165-2 | 6613012 | 6901816 | 6711091 | 6741973 | 2.18 | cps |
| Indium | 115-1 | 8558521 | 8498904 | 8315930 | 8457785 | 1.49 | cps |
| Indium | 115-2 | 2518960 | 2675432 | 2613078 | 2602490 | 3.03 | cps |
| Iron | 56-2 | 521762539 | 515572179 | 515527672 | 517620797 | 0.69 | cps |
| Iron | 57-2 | 12789369 | 12874242 | 12640613 | 12768075 | 0.93 | cps |
| Iron | 54-2 | 28476819 | 28221714 | 28388720 | 28362417 | 0.46 | cps |
| Krypton | 83-1 | 317 | 283 | 373 | 324 | 14.02 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1175795 | 1199634 | 1208536 | 1194655 | 1.42 | cps |
| Lead | 207-1 | 1041503 | 1071616 | 1067990 | 1060370 | 1.55 | cps |
| Lead | 208-1 | 5087655 | 5211836 | 5242117 | 5180536 | 1.58 | cps |
| Lithium | 6-1 | 1347442 | 1402311 | 1390969 | 1380241 | 2.10 | cps |
| Magnesium | 24-2 | 9558217 | 9499138 | 9546818 | 9534725 | 0.33 | cps |
| Manganese | 55-2 | 11981241 | 11848851 | 11798148 | 11876080 | 0.80 | cps |
| Molybdenum | 94-1 | 127910 | 129681 | 132200 | 129930 | 1.66 | cps |
| Molybdenum | 95-1 | 10457 | 10581 | 10767 | 10602 | 1.47 | cps |
| Molybdenum | 96-1 | 39764 | 39610 | 39644 | 39673 | 0.20 | cps |
| Molybdenum | 97-1 | 6492 | 6428 | 6612 | 6510 | 1.43 | cps |
| Molybdenum | 98-1 | 15932 | 16262 | 16286 | 16160 | 1.22 | cps |
| Neodymium | 150-1 | 170563 | 170767 | 173271 | 171533 | 0.88 | cps |
| Neodymium | 150-2 | 90455 | 89193 | 89365 | 89671 | 0.76 | cps |
| Nickel | 60-2 | 189455 | 186782 | 188624 | 188287 | 0.73 | cps |
| Phosphorus | 31-2 | 28089 | 29288 | 28687 | 28688 | 2.09 | cps |
| Potassium | 39-2 | 4107245 | 4036224 | 4044524 | 4062664 | 0.96 | cps |
| Rhodium | 103-1 | 7836071 | 7768399 | 7585317 | 7729929 | 1.68 | cps |
| Rhodium | 103-2 | 4385443 | 4596456 | 4482555 | 4488151 | 2.35 | cps |
| Scandium | 45-1 | 5060077 | 5089955 | 5058395 | 5069476 | 0.35 | cps |
| Scandium | 45-2 | 437431 | 459802 | 445350 | 447528 | 2.53 | cps |
| Selenium | 82-1 | 646 | 657 | 644 | 649 | 1.11 | cps |
| Selenium | 77-2 | 293 | 297 | 280 | 290 | 3.04 | cps |
| Selenium | 78-2 | 550 | 533 | 527 | 537 | 2.24 | cps |
| Silicon | 28-1 | 25160455 | 25616504 | 25540380 | 25439113 | 0.96 | cps |
| Silver | 107-1 | 10631 | 10557 | 10811 | 10666 | 1.22 | cps |
| Silver | 109-1 | 9727 | 10190 | 10110 | 10009 | 2.48 | cps |
| Sodium | 23-2 | 130735 | 129258 | 130538 | 130177 | 0.62 | cps |
| Strontium | 86-1 | 298682 | 301193 | 302850 | 300908 | 0.70 | cps |
| Strontium | 88-1 | 2673616 | 2720620 | 2792148 | 2728795 | 2.19 | cps |
| Sulfur | 34-1 | 150560 | 147699 | 148432 | 148897 | 1.00 | cps |
| Terbium | 159-1 | 11211240 | 11475432 | 11186041 | 11290904 | 1.42 | cps |
| Terbium | 159-2 | 6515487 | 6765447 | 6645180 | 6642038 | 1.88 | cps |
| Thallium | 203-1 | 5354 | 5671 | 5441 | 5489 | 2.98 | cps |
| Thallium | 205-1 | 12746 | 12669 | 12739 | 12718 | 0.33 | cps |
| Tin | 118-1 | 29380 | 30195 | 30472 | 30016 | 1.89 | cps |
| Titanium | 47-1 | 1599881 | 1608390 | 1619747 | 1609339 | 0.62 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:30:59 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39940 | 39706 | 39956 | 39867 | 0.35 | cps |
| Vanadium | 51-2 | 1054368 | 1047725 | 1052115 | 1051403 | 0.32 | cps |
| Yttrium | 89-1 | 14871679 | 14817686 | 14775464 | 14821610 | 0.33 | cps |
| Yttrium | 89-2 | 3471299 | 3597313 | 3488465 | 3519026 | 1.94 | cps |
| Zinc | 66-2 | 310892 | 310287 | 311803 | 310994 | 0.25 | cps |
| Zirconium | 90-1 | 334498 | 334372 | 338637 | 335836 | 0.72 | cps |
| Zirconium | 91-1 | 74444 | 76233 | 76397 | 75692 | 1.43 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13874073 | 13942761 | 13570228 | 13795687 | 1.44 | cps |
| Antimony | 121-1 | 24451 | 25049 | 24815 | 24771 | 1.22 | cps |
| Arsenic | 75-2 | 76978 | 77622 | 77099 | 77233 | 0.44 | cps |
| Barium | 135-1 | 2120458 | 2166981 | 2188702 | 2158714 | 1.62 | cps |
| Barium | 137-1 | 3625690 | 3701638 | 3725443 | 3684257 | 1.41 | cps |
| Beryllium | 9-1 | 3367 | 3034 | 3406 | 3269 | 6.26 | cps |
| Bismuth | 209-1 | 6960240 | 6749706 | 6830811 | 6846919 | 1.55 | cps |
| Bismuth | 209-2 | 4696915 | 4155969 | 4639286 | 4497390 | 6.61 | cps |
| Bromine | 81-1 | 16222 | 17110 | 16696 | 16676 | 2.66 | cps |
| Bromine | 81-2 | 1243 | 1297 | 1183 | 1241 | 4.57 | cps |
| Cadmium | 108-1 | 580 | 423 | 500 | 501 | 15.63 | cps |
| Cadmium | 106-1 | 3894 | 3907 | 3987 | 3929 | 1.28 | cps |
| Cadmium | 111-1 | 4707 | 4766 | 4738 | 4737 | 0.62 | cps |
| Calcium | 43-1 | 363961 | 369719 | 369565 | 367748 | 0.89 | cps |
| Calcium | 44-1 | 5582965 | 5588773 | 5623718 | 5598485 | 0.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 557197 | 561074 | 550841 | 556371 | 0.93 | cps |
| Cobalt | 59-2 | 385310 | 386962 | 384259 | 385510 | 0.35 | cps |
| Copper | 63-2 | 1060619 | 1059991 | 1052273 | 1057628 | 0.44 | cps |
| Dysprosium | 156-1 | 106218 | 107843 | 107850 | 107304 | 0.88 | cps |
| Dysprosium | 156-2 | 80660 | 81924 | 81846 | 81477 | 0.87 | cps |
| Erbium | 164-1 | 79695 | 82361 | 81325 | 81127 | 1.66 | cps |
| Erbium | 164-2 | 49324 | 49561 | 49962 | 49616 | 0.65 | cps |
| Gadolinium | 160-1 | 95996 | 98104 | 97962 | 97354 | 1.21 | cps |
| Gadolinium | 160-2 | 64176 | 64568 | 63138 | 63961 | 1.16 | cps |
| Holmium | 165-1 | 11074269 | 10971804 | 10747509 | 10931194 | 1.53 | cps |
| Holmium | 165-2 | 6680914 | 5933549 | 6690236 | 6434900 | 6.75 | cps |
| Indium | 115-1 | 8330035 | 8420112 | 8331609 | 8360585 | 0.62 | cps |
| Indium | 115-2 | 2585688 | 2275952 | 2529140 | 2463593 | 6.70 | cps |
| Iron | 56-2 | 447807500 | 455654967 | 449307953 | 450923473 | 0.92 | cps |
| Iron | 57-2 | 11145610 | 11299854 | 11069829 | 11171764 | 1.05 | cps |
| Iron | 54-2 | 24640584 | 24664820 | 24301048 | 24535484 | 0.83 | cps |
| Krypton | 83-1 | 270 | 300 | 320 | 297 | 8.48 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 348396 | 353427 | 355698 | 352507 | 1.06 | cps |
| Lead | 207-1 | 299847 | 305306 | 304765 | 303306 | 0.99 | cps |
| Lead | 208-1 | 1379586 | 1388956 | 1407772 | 1392105 | 1.03 | cps |
| Lithium | 6-1 | 1364520 | 1360256 | 1378379 | 1367718 | 0.69 | cps |
| Magnesium | 24-2 | 10294519 | 10406288 | 10189725 | 10296844 | 1.05 | cps |
| Manganese | 55-2 | 7987308 | 8163436 | 8003033 | 8051259 | 1.21 | cps |
| Molybdenum | 94-1 | 134840 | 137013 | 137885 | 136580 | 1.15 | cps |
| Molybdenum | 95-1 | 6878 | 7042 | 6955 | 6958 | 1.17 | cps |
| Molybdenum | 96-1 | 35954 | 36522 | 36703 | 36393 | 1.07 | cps |
| Molybdenum | 97-1 | 4364 | 4404 | 4371 | 4380 | 0.49 | cps |
| Molybdenum | 98-1 | 11168 | 11011 | 10917 | 11032 | 1.15 | cps |
| Neodymium | 150-1 | 207765 | 208493 | 211399 | 209219 | 0.92 | cps |
| Neodymium | 150-2 | 107429 | 107809 | 106797 | 107345 | 0.48 | cps |
| Nickel | 60-2 | 223529 | 222874 | 220235 | 222213 | 0.78 | cps |
| Phosphorus | 31-2 | 27091 | 26867 | 27655 | 27204 | 1.49 | cps |
| Potassium | 39-2 | 3683507 | 3725091 | 3699082 | 3702560 | 0.57 | cps |
| Rhodium | 103-1 | 7732274 | 7721133 | 7516138 | 7656515 | 1.59 | cps |
| Rhodium | 103-2 | 4397198 | 3949678 | 4413304 | 4253393 | 6.19 | cps |
| Scandium | 45-1 | 5092884 | 5087923 | 5052327 | 5077711 | 0.44 | cps |
| Scandium | 45-2 | 453439 | 409177 | 440676 | 434431 | 5.24 | cps |
| Selenium | 82-1 | 645 | 658 | 615 | 639 | 3.49 | cps |
| Selenium | 77-2 | 327 | 363 | 327 | 339 | 6.25 | cps |
| Selenium | 78-2 | 520 | 533 | 510 | 521 | 2.25 | cps |
| Silicon | 28-1 | 26772470 | 27248501 | 27380182 | 27133718 | 1.18 | cps |
| Silver | 107-1 | 4801 | 4758 | 4941 | 4833 | 1.98 | cps |
| Silver | 109-1 | 4467 | 4417 | 4271 | 4385 | 2.33 | cps |
| Sodium | 23-2 | 126434 | 127351 | 127781 | 127189 | 0.54 | cps |
| Strontium | 86-1 | 434328 | 441675 | 442722 | 439575 | 1.04 | cps |
| Strontium | 88-1 | 3950764 | 3966868 | 3979332 | 3965655 | 0.36 | cps |
| Sulfur | 34-1 | 140267 | 137643 | 139257 | 139056 | 0.95 | cps |
| Terbium | 159-1 | 11282010 | 11304993 | 11079519 | 11222174 | 1.11 | cps |
| Terbium | 159-2 | 6821177 | 6029689 | 6691841 | 6514236 | 6.52 | cps |
| Thallium | 203-1 | 4718 | 4784 | 4724 | 4742 | 0.77 | cps |
| Thallium | 205-1 | 11278 | 11201 | 11311 | 11264 | 0.50 | cps |
| Tin | 118-1 | 25469 | 26311 | 26408 | 26063 | 1.98 | cps |
| Titanium | 47-1 | 1805474 | 1849505 | 1836144 | 1830374 | 1.23 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:34:02 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 55512 | 55712 | 56496 | 55907 | 0.93 | cps |
| Vanadium | 51-2 | 926212 | 930945 | 921149 | 926102 | 0.53 | cps |
| Yttrium | 89-1 | 15054652 | 14898528 | 14875575 | 14942918 | 0.65 | cps |
| Yttrium | 89-2 | 3526139 | 3184694 | 3536018 | 3415617 | 5.86 | cps |
| Zinc | 66-2 | 164549 | 165321 | 162203 | 164024 | 0.99 | cps |
| Zirconium | 90-1 | 357741 | 363250 | 364535 | 361842 | 1.00 | cps |
| Zirconium | 91-1 | 78284 | 82215 | 81511 | 80670 | 2.60 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8927184 | 8838463 | 8836284 | 8867311 | 0.58 | cps |
| Antimony | 121-1 | 41811 | 43064 | 41767 | 42214 | 1.75 | cps |
| Arsenic | 75-2 | 96407 | 96749 | 95810 | 96322 | 0.49 | cps |
| Barium | 135-1 | 1269747 | 1283083 | 1278713 | 1277181 | 0.53 | cps |
| Barium | 137-1 | 2377498 | 2383089 | 2387098 | 2382562 | 0.20 | cps |
| Beryllium | 9-1 | 2295 | 2211 | 2272 | 2259 | 1.91 | cps |
| Bismuth | 209-1 | 6789728 | 6922924 | 6799135 | 6837262 | 1.09 | cps |
| Bismuth | 209-2 | 4772046 | 4756811 | 4712648 | 4747169 | 0.65 | cps |
| Bromine | 81-1 | 12976 | 13199 | 12746 | 12974 | 1.75 | cps |
| Bromine | 81-2 | 520 | 480 | 490 | 497 | 4.19 | cps |
| Cadmium | 108-1 | 523 | 720 | 753 | 666 | 18.67 | cps |
| Cadmium | 106-1 | 4247 | 4157 | 4127 | 4177 | 1.50 | cps |
| Cadmium | 111-1 | 8575 | 8611 | 8350 | 8512 | 1.66 | cps |
| Calcium | 43-1 | 235601 | 235834 | 233983 | 235139 | 0.43 | cps |
| Calcium | 44-1 | 3579755 | 3582673 | 3580552 | 3580993 | 0.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 407977 | 404807 | 406096 | 406293 | 0.39 | cps |
| Cobalt | 59-2 | 304923 | 305940 | 308215 | 306359 | 0.55 | cps |
| Copper | 63-2 | 1276525 | 1292817 | 1276505 | 1281949 | 0.73 | cps |
| Dysprosium | 156-1 | 76943 | 77804 | 78813 | 77853 | 1.20 | cps |
| Dysprosium | 156-2 | 60222 | 59074 | 59850 | 59715 | 0.98 | cps |
| Erbium | 164-1 | 56725 | 59171 | 58368 | 58088 | 2.15 | cps |
| Erbium | 164-2 | 35368 | 35298 | 34436 | 35034 | 1.48 | cps |
| Gadolinium | 160-1 | 70550 | 70898 | 72479 | 71309 | 1.44 | cps |
| Gadolinium | 160-2 | 45771 | 46554 | 46584 | 46303 | 0.99 | cps |
| Holmium | 165-1 | 11056807 | 10981603 | 10801515 | 10946642 | 1.20 | cps |
| Holmium | 165-2 | 6680590 | 6650356 | 6548331 | 6626426 | 1.05 | cps |
| Indium | 115-1 | 8524516 | 8372602 | 8249356 | 8382158 | 1.64 | cps |
| Indium | 115-2 | 2580719 | 2561050 | 2570948 | 2570906 | 0.38 | cps |
| Iron | 56-2 | 399531101 | 401202621 | 400012167 | 400248630 | 0.21 | cps |
| Iron | 57-2 | 9862261 | 9930774 | 9837942 | 9876992 | 0.49 | cps |
| Iron | 54-2 | 21797886 | 21668743 | 21995913 | 21820847 | 0.76 | cps |
| Krypton | 83-1 | 270 | 253 | 237 | 253 | 6.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 723215 | 734980 | 734967 | 731054 | 0.93 | cps |
| Lead | 207-1 | 640566 | 651194 | 649712 | 647158 | 0.89 | cps |
| Lead | 208-1 | 2897628 | 2943088 | 3193770 | 3011496 | 5.30 | cps |
| Lithium | 6-1 | 1368658 | 1393874 | 1390179 | 1384237 | 0.98 | cps |
| Magnesium | 24-2 | 7096822 | 7156694 | 7024248 | 7092588 | 0.94 | cps |
| Manganese | 55-2 | 6121571 | 6167708 | 6153036 | 6147439 | 0.38 | cps |
| Molybdenum | 94-1 | 123774 | 125902 | 125899 | 125192 | 0.98 | cps |
| Molybdenum | 95-1 | 9583 | 9527 | 9490 | 9533 | 0.49 | cps |
| Molybdenum | 96-1 | 35242 | 36509 | 36379 | 36043 | 1.93 | cps |
| Molybdenum | 97-1 | 5921 | 5691 | 5785 | 5799 | 2.00 | cps |
| Molybdenum | 98-1 | 14564 | 14931 | 14728 | 14741 | 1.25 | cps |
| Neodymium | 150-1 | 149490 | 153074 | 153020 | 151861 | 1.35 | cps |
| Neodymium | 150-2 | 77284 | 77578 | 77880 | 77581 | 0.38 | cps |
| Nickel | 60-2 | 155568 | 154294 | 154726 | 154863 | 0.42 | cps |
| Phosphorus | 31-2 | 24740 | 24917 | 25455 | 25037 | 1.49 | cps |
| Potassium | 39-2 | 3572683 | 3602052 | 3562371 | 3579035 | 0.58 | cps |
| Rhodium | 103-1 | 7762504 | 7599599 | 7606863 | 7656322 | 1.20 | cps |
| Rhodium | 103-2 | 4444955 | 4376916 | 4366073 | 4395982 | 0.97 | cps |
| Scandium | 45-1 | 4878133 | 4788303 | 4792522 | 4819653 | 1.05 | cps |
| Scandium | 45-2 | 428298 | 429335 | 427657 | 428430 | 0.20 | cps |
| Selenium | 82-1 | 681 | 639 | 683 | 668 | 3.69 | cps |
| Selenium | 77-2 | 300 | 343 | 207 | 283 | 24.65 | cps |
| Selenium | 78-2 | 523 | 503 | 497 | 508 | 2.73 | cps |
| Silicon | 28-1 | 22318487 | 22754763 | 22489217 | 22520822 | 0.98 | cps |
| Silver | 107-1 | 6908 | 7419 | 7309 | 7212 | 3.72 | cps |
| Silver | 109-1 | 6782 | 6865 | 6588 | 6745 | 2.11 | cps |
| Sodium | 23-2 | 120030 | 120309 | 119546 | 119962 | 0.32 | cps |
| Strontium | 86-1 | 284487 | 282627 | 284178 | 283764 | 0.35 | cps |
| Strontium | 88-1 | 2534585 | 2568504 | 2518213 | 2540434 | 1.01 | cps |
| Sulfur | 34-1 | 140223 | 139732 | 142039 | 140665 | 0.86 | cps |
| Terbium | 159-1 | 11451172 | 11257093 | 10958970 | 11222412 | 2.21 | cps |
| Terbium | 159-2 | 6663075 | 6535466 | 6566336 | 6588292 | 1.01 | cps |
| Thallium | 203-1 | 4421 | 4371 | 4607 | 4466 | 2.79 | cps |
| Thallium | 205-1 | 10434 | 10985 | 10481 | 10633 | 2.87 | cps |
| Tin | 118-1 | 27940 | 27767 | 28822 | 28176 | 2.01 | cps |
| Titanium | 47-1 | 1538227 | 1570598 | 1581420 | 1563415 | 1.44 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:37:05 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35558 | 35715 | 36473 | 35915 | 1.36 | cps |
| Vanadium | 51-2 | 781474 | 779184 | 784945 | 781868 | 0.37 | cps |
| Yttrium | 89-1 | 14554050 | 14430514 | 14279019 | 14421195 | 0.96 | cps |
| Yttrium | 89-2 | 3457882 | 3458632 | 3405341 | 3440619 | 0.89 | cps |
| Zinc | 66-2 | 248533 | 246150 | 246906 | 247196 | 0.49 | cps |
| Zirconium | 90-1 | 322316 | 331701 | 329376 | 327798 | 1.49 | cps |
| Zirconium | 91-1 | 72394 | 73443 | 73627 | 73154 | 0.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8984993 | 9041575 | 8988711 | 9005093 | 0.35 | cps |
| Antimony | 121-1 | 34404 | 35026 | 34551 | 34661 | 0.94 | cps |
| Arsenic | 75-2 | 66417 | 67288 | 66940 | 66882 | 0.66 | cps |
| Barium | 135-1 | 1299892 | 1308737 | 1318194 | 1308941 | 0.70 | cps |
| Barium | 137-1 | 2434790 | 2462096 | 2418208 | 2438364 | 0.91 | cps |
| Beryllium | 9-1 | 2284 | 2006 | 2222 | 2171 | 6.73 | cps |
| Bismuth | 209-1 | 6830769 | 6770476 | 6802964 | 6801403 | 0.44 | cps |
| Bismuth | 209-2 | 4626508 | 4694667 | 4681056 | 4667410 | 0.77 | cps |
| Bromine | 81-1 | 12549 | 12976 | 12632 | 12719 | 1.78 | cps |
| Bromine | 81-2 | 577 | 390 | 583 | 517 | 21.24 | cps |
| Cadmium | 108-1 | 713 | 627 | 747 | 696 | 8.91 | cps |
| Cadmium | 106-1 | 3977 | 4027 | 3757 | 3921 | 3.67 | cps |
| Cadmium | 111-1 | 8996 | 9285 | 8722 | 9001 | 3.13 | cps |
| Calcium | 43-1 | 254063 | 256713 | 255638 | 255471 | 0.52 | cps |
| Calcium | 44-1 | 3862680 | 3873878 | 3910215 | 3882258 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 405421 | 405179 | 405821 | 405473 | 0.08 | cps |
| Cobalt | 59-2 | 311742 | 310544 | 309694 | 310660 | 0.33 | cps |
| Copper | 63-2 | 1803225 | 1814348 | 1763355 | 1793643 | 1.49 | cps |
| Dysprosium | 156-1 | 76493 | 77026 | 76011 | 76510 | 0.66 | cps |
| Dysprosium | 156-2 | 57691 | 58330 | 57775 | 57932 | 0.60 | cps |
| Erbium | 164-1 | 56922 | 57852 | 57611 | 57462 | 0.84 | cps |
| Erbium | 164-2 | 34335 | 35134 | 35264 | 34911 | 1.44 | cps |
| Gadolinium | 160-1 | 70315 | 70248 | 70473 | 70345 | 0.16 | cps |
| Gadolinium | 160-2 | 45601 | 44952 | 45142 | 45232 | 0.74 | cps |
| Holmium | 165-1 | 10998512 | 11005222 | 10854319 | 10952685 | 0.78 | cps |
| Holmium | 165-2 | 6550790 | 6525131 | 6527514 | 6534479 | 0.22 | cps |
| Indium | 115-1 | 8264707 | 8331215 | 8182550 | 8259491 | 0.90 | cps |
| Indium | 115-2 | 2531287 | 2508532 | 2535860 | 2525226 | 0.58 | cps |
| Iron | 56-2 | 351984501 | 354608035 | 355460955 | 354017830 | 0.51 | cps |
| Iron | 57-2 | 8733679 | 8701646 | 8736286 | 8723870 | 0.22 | cps |
| Iron | 54-2 | 19255352 | 19403436 | 19210763 | 19289850 | 0.52 | cps |
| Krypton | 83-1 | 280 | 303 | 270 | 284 | 6.01 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 734326 | 730834 | 740482 | 735214 | 0.66 | cps |
| Lead | 207-1 | 648093 | 648432 | 647756 | 648094 | 0.05 | cps |
| Lead | 208-1 | 2926191 | 2926374 | 2944345 | 2932303 | 0.36 | cps |
| Lithium | 6-1 | 1379162 | 1356977 | 1318310 | 1351483 | 2.28 | cps |
| Magnesium | 24-2 | 7146362 | 7242658 | 7233263 | 7207428 | 0.74 | cps |
| Manganese | 55-2 | 7078824 | 7135005 | 7060189 | 7091339 | 0.55 | cps |
| Molybdenum | 94-1 | 94311 | 94888 | 94227 | 94475 | 0.38 | cps |
| Molybdenum | 95-1 | 8993 | 8899 | 9303 | 9065 | 2.33 | cps |
| Molybdenum | 96-1 | 30111 | 29530 | 30151 | 29931 | 1.16 | cps |
| Molybdenum | 97-1 | 5321 | 5688 | 5621 | 5543 | 3.52 | cps |
| Molybdenum | 98-1 | 14180 | 13860 | 14204 | 14081 | 1.36 | cps |
| Neodymium | 150-1 | 144427 | 145724 | 145966 | 145373 | 0.57 | cps |
| Neodymium | 150-2 | 75420 | 75698 | 74784 | 75301 | 0.62 | cps |
| Nickel | 60-2 | 153463 | 152627 | 153156 | 153082 | 0.28 | cps |
| Phosphorus | 31-2 | 24673 | 24730 | 24132 | 24512 | 1.35 | cps |
| Potassium | 39-2 | 3812916 | 3845160 | 3807220 | 3821765 | 0.54 | cps |
| Rhodium | 103-1 | 7584230 | 7644637 | 7517839 | 7582235 | 0.84 | cps |
| Rhodium | 103-2 | 4353827 | 4360160 | 4330913 | 4348300 | 0.35 | cps |
| Scandium | 45-1 | 4761285 | 4747887 | 4739857 | 4749676 | 0.23 | cps |
| Scandium | 45-2 | 420342 | 423620 | 420937 | 421633 | 0.41 | cps |
| Selenium | 82-1 | 660 | 658 | 623 | 647 | 3.25 | cps |
| Selenium | 77-2 | 240 | 257 | 243 | 247 | 3.58 | cps |
| Selenium | 78-2 | 383 | 487 | 467 | 446 | 12.30 | cps |
| Silicon | 28-1 | 23969365 | 23992493 | 24190779 | 24050879 | 0.51 | cps |
| Silver | 107-1 | 9196 | 9010 | 9033 | 9080 | 1.12 | cps |
| Silver | 109-1 | 8566 | 8626 | 8479 | 8557 | 0.86 | cps |
| Sodium | 23-2 | 126249 | 126088 | 126151 | 126163 | 0.06 | cps |
| Strontium | 86-1 | 318532 | 321646 | 321277 | 320485 | 0.53 | cps |
| Strontium | 88-1 | 2867367 | 2916619 | 2859785 | 2881257 | 1.07 | cps |
| Sulfur | 34-1 | 137081 | 136866 | 134338 | 136095 | 1.12 | cps |
| Terbium | 159-1 | 11094428 | 11111947 | 10989690 | 11065355 | 0.60 | cps |
| Terbium | 159-2 | 6558017 | 6561641 | 6534152 | 6551270 | 0.23 | cps |
| Thallium | 203-1 | 3751 | 4001 | 3891 | 3881 | 3.23 | cps |
| Thallium | 205-1 | 8910 | 9040 | 9093 | 9014 | 1.05 | cps |
| Tin | 118-1 | 28502 | 28876 | 28615 | 28664 | 0.67 | cps |
| Titanium | 47-1 | 1433384 | 1410190 | 1436314 | 1426629 | 1.00 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:40:10 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 28868 | 29737 | 29696 | 29434 | 1.67 | cps |
| Vanadium | 51-2 | 684500 | 690837 | 687841 | 687726 | 0.46 | cps |
| Yttrium | 89-1 | 14283845 | 14337674 | 14223315 | 14281611 | 0.40 | cps |
| Yttrium | 89-2 | 3425670 | 3406678 | 3434147 | 3422165 | 0.41 | cps |
| Zinc | 66-2 | 254371 | 256462 | 252917 | 254583 | 0.70 | cps |
| Zirconium | 90-1 | 242110 | 244595 | 245163 | 243956 | 0.67 | cps |
| Zirconium | 91-1 | 54273 | 54795 | 55558 | 54875 | 1.18 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11154844 | 11287647 | 11199334 | 11213942 | 0.60 | cps |
| Antimony | 121-1 | 44870 | 45602 | 45094 | 45189 | 0.83 | cps |
| Arsenic | 75-2 | 75095 | 73923 | 74599 | 74539 | 0.79 | cps |
| Barium | 135-1 | 1981791 | 2019608 | 2015057 | 2005485 | 1.03 | cps |
| Barium | 137-1 | 3381872 | 3394419 | 3456327 | 3410873 | 1.17 | cps |
| Beryllium | 9-1 | 2678 | 2739 | 2756 | 2724 | 1.50 | cps |
| Bismuth | 209-1 | 6764816 | 6905692 | 6353404 | 6674637 | 4.30 | cps |
| Bismuth | 209-2 | 4649609 | 4706821 | 4580222 | 4645551 | 1.36 | cps |
| Bromine | 81-1 | 14427 | 14781 | 15058 | 14755 | 2.14 | cps |
| Bromine | 81-2 | 953 | 877 | 973 | 934 | 5.46 | cps |
| Cadmium | 108-1 | 627 | 520 | 577 | 574 | 9.29 | cps |
| Cadmium | 106-1 | 3994 | 3984 | 3614 | 3864 | 5.61 | cps |
| Cadmium | 111-1 | 5928 | 6205 | 5746 | 5960 | 3.88 | cps |
| Calcium | 43-1 | 281038 | 287574 | 284874 | 284495 | 1.15 | cps |
| Calcium | 44-1 | 4263543 | 4322519 | 4277619 | 4287894 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 549395 | 549752 | 547177 | 548775 | 0.25 | cps |
| Cobalt | 59-2 | 393249 | 391042 | 393889 | 392727 | 0.38 | cps |
| Copper | 63-2 | 1181271 | 1179487 | 1176726 | 1179161 | 0.19 | cps |
| Dysprosium | 156-1 | 95458 | 96680 | 96965 | 96368 | 0.83 | cps |
| Dysprosium | 156-2 | 73608 | 73397 | 73487 | 73497 | 0.14 | cps |
| Erbium | 164-1 | 72614 | 72467 | 73760 | 72947 | 0.97 | cps |
| Erbium | 164-2 | 44223 | 44280 | 43574 | 44026 | 0.89 | cps |
| Gadolinium | 160-1 | 87753 | 89030 | 89369 | 88717 | 0.96 | cps |
| Gadolinium | 160-2 | 58063 | 57862 | 57056 | 57660 | 0.92 | cps |
| Holmium | 165-1 | 11021083 | 10813334 | 10391832 | 10742083 | 2.98 | cps |
| Holmium | 165-2 | 6539886 | 6606130 | 6655065 | 6600360 | 0.88 | cps |
| Indium | 115-1 | 8338690 | 8284681 | 7792612 | 8138661 | 3.70 | cps |
| Indium | 115-2 | 2562388 | 2557198 | 2566841 | 2562143 | 0.19 | cps |
| Iron | 56-2 | 443998260 | 442424460 | 445058060 | 443826927 | 0.30 | cps |
| Iron | 57-2 | 10894040 | 10815822 | 10885330 | 10865064 | 0.39 | cps |
| Iron | 54-2 | 24000849 | 24026256 | 23966119 | 23997741 | 0.13 | cps |
| Krypton | 83-1 | 237 | 320 | 277 | 278 | 15.00 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 477903 | 488639 | 483745 | 483429 | 1.11 | cps |
| Lead | 207-1 | 420260 | 423276 | 426941 | 423493 | 0.79 | cps |
| Lead | 208-1 | 1906617 | 1933140 | 1925572 | 1921776 | 0.71 | cps |
| Lithium | 6-1 | 1362788 | 1308472 | 1288202 | 1319821 | 2.92 | cps |
| Magnesium | 24-2 | 8532260 | 8610689 | 8513703 | 8552217 | 0.60 | cps |
| Manganese | 55-2 | 10737169 | 10691357 | 10733222 | 10720583 | 0.24 | cps |
| Molybdenum | 94-1 | 120611 | 123364 | 124002 | 122659 | 1.47 | cps |
| Molybdenum | 95-1 | 11288 | 11174 | 11391 | 11284 | 0.96 | cps |
| Molybdenum | 96-1 | 36586 | 38400 | 38404 | 37797 | 2.77 | cps |
| Molybdenum | 97-1 | 6678 | 7052 | 7142 | 6957 | 3.53 | cps |
| Molybdenum | 98-1 | 17591 | 17380 | 17307 | 17426 | 0.84 | cps |
| Neodymium | 150-1 | 184960 | 184865 | 187351 | 185725 | 0.76 | cps |
| Neodymium | 150-2 | 96186 | 97034 | 95568 | 96262 | 0.76 | cps |
| Nickel | 60-2 | 195186 | 193469 | 192378 | 193677 | 0.73 | cps |
| Phosphorus | 31-2 | 24406 | 24486 | 23855 | 24249 | 1.42 | cps |
| Potassium | 39-2 | 4146292 | 4067753 | 4144213 | 4119419 | 1.09 | cps |
| Rhodium | 103-1 | 7540630 | 7534384 | 7248313 | 7441109 | 2.24 | cps |
| Rhodium | 103-2 | 4442762 | 4381583 | 4397566 | 4407304 | 0.72 | cps |
| Scandium | 45-1 | 4904353 | 4857645 | 4635761 | 4799253 | 2.99 | cps |
| Scandium | 45-2 | 434341 | 431682 | 436744 | 434256 | 0.58 | cps |
| Selenium | 82-1 | 766 | 627 | 662 | 685 | 10.56 | cps |
| Selenium | 77-2 | 347 | 390 | 317 | 351 | 10.50 | cps |
| Selenium | 78-2 | 527 | 520 | 607 | 551 | 8.75 | cps |
| Silicon | 28-1 | 9052014 | 9299963 | 9290564 | 9214180 | 1.53 | cps |
| Silver | 107-1 | 5611 | 5778 | 5698 | 5696 | 1.46 | cps |
| Silver | 109-1 | 5144 | 5288 | 5154 | 5195 | 1.54 | cps |
| Sodium | 23-2 | 120262 | 120974 | 120748 | 120661 | 0.30 | cps |
| Strontium | 86-1 | 362846 | 369243 | 368395 | 366828 | 0.95 | cps |
| Strontium | 88-1 | 3244570 | 3284444 | 3343861 | 3290959 | 1.52 | cps |
| Sulfur | 34-1 | 137199 | 138470 | 141474 | 139048 | 1.58 | cps |
| Terbium | 159-1 | 11339899 | 11102877 | 10678649 | 11040475 | 3.03 | cps |
| Terbium | 159-2 | 6451721 | 6502794 | 6638815 | 6531110 | 1.48 | cps |
| Thallium | 203-1 | 5164 | 5411 | 5371 | 5316 | 2.49 | cps |
| Thallium | 205-1 | 12549 | 12025 | 12623 | 12399 | 2.63 | cps |
| Tin | 118-1 | 27904 | 25242 | 25583 | 26243 | 5.52 | cps |
| Titanium | 47-1 | 1455276 | 1464301 | 1498975 | 1472851 | 1.57 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:43:13 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 45829 | 46732 | 46822 | 46461 | 1.18 | cps |
| Vanadium | 51-2 | 871646 | 877035 | 866766 | 871816 | 0.59 | cps |
| Yttrium | 89-1 | 14709311 | 14427775 | 13957968 | 14365018 | 2.64 | cps |
| Yttrium | 89-2 | 3442803 | 3501718 | 3472880 | 3472467 | 0.85 | cps |
| Zinc | 66-2 | 188018 | 185771 | 187650 | 187146 | 0.64 | cps |
| Zirconium | 90-1 | 311421 | 319132 | 317199 | 315917 | 1.27 | cps |
| Zirconium | 91-1 | 69393 | 70334 | 71516 | 70414 | 1.51 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8655968 | 8628923 | 8679541 | 8654811 | 0.29 | cps |
| Antimony | 121-1 | 33018 | 33800 | 33095 | 33304 | 1.29 | cps |
| Arsenic | 75-2 | 69950 | 68909 | 71086 | 69982 | 1.56 | cps |
| Barium | 135-1 | 1172993 | 1186365 | 1198902 | 1186087 | 1.09 | cps |
| Barium | 137-1 | 2208392 | 2182828 | 2263824 | 2218348 | 1.87 | cps |
| Beryllium | 9-1 | 2111 | 2245 | 2350 | 2235 | 5.36 | cps |
| Bismuth | 209-1 | 6080038 | 6696302 | 6614178 | 6463506 | 5.18 | cps |
| Bismuth | 209-2 | 4684282 | 4671108 | 4646758 | 4667382 | 0.41 | cps |
| Bromine | 81-1 | 12345 | 12512 | 12976 | 12611 | 2.59 | cps |
| Bromine | 81-2 | 647 | 553 | 550 | 583 | 9.41 | cps |
| Cadmium | 108-1 | 680 | 607 | 620 | 636 | 6.15 | cps |
| Cadmium | 106-1 | 3874 | 4111 | 3751 | 3912 | 4.68 | cps |
| Cadmium | 111-1 | 8644 | 9004 | 8753 | 8800 | 2.10 | cps |
| Calcium | 43-1 | 202665 | 205768 | 208512 | 205648 | 1.42 | cps |
| Calcium | 44-1 | 3091306 | 3097695 | 3161655 | 3116885 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 381559 | 388082 | 382557 | 384066 | 0.91 | cps |
| Cobalt | 59-2 | 300758 | 299207 | 300009 | 299991 | 0.26 | cps |
| Copper | 63-2 | 1448402 | 1436637 | 1443308 | 1442782 | 0.41 | cps |
| Dysprosium | 156-1 | 73782 | 73712 | 74808 | 74101 | 0.83 | cps |
| Dysprosium | 156-2 | 55292 | 55750 | 56824 | 55955 | 1.41 | cps |
| Erbium | 164-1 | 54616 | 56410 | 56333 | 55786 | 1.82 | cps |
| Erbium | 164-2 | 33049 | 33981 | 33941 | 33657 | 1.57 | cps |
| Gadolinium | 160-1 | 67904 | 66869 | 68319 | 67697 | 1.10 | cps |
| Gadolinium | 160-2 | 43925 | 44701 | 44337 | 44321 | 0.88 | cps |
| Holmium | 165-1 | 9663645 | 10907086 | 10764247 | 10444993 | 6.51 | cps |
| Holmium | 165-2 | 6593434 | 6698814 | 6574199 | 6622149 | 1.01 | cps |
| Indium | 115-1 | 7338965 | 8196232 | 8236713 | 7923970 | 6.40 | cps |
| Indium | 115-2 | 2514496 | 2521906 | 2564925 | 2533775 | 1.07 | cps |
| Iron | 56-2 | 352786968 | 354908688 | 360106941 | 355934199 | 1.06 | cps |
| Iron | 57-2 | 8829026 | 8836509 | 8873188 | 8846241 | 0.27 | cps |
| Iron | 54-2 | 19294191 | 19546088 | 19296504 | 19378928 | 0.75 | cps |
| Krypton | 83-1 | 240 | 263 | 293 | 266 | 10.07 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 766564 | 772635 | 768644 | 769281 | 0.40 | cps |
| Lead | 207-1 | 667528 | 675162 | 681066 | 674585 | 1.01 | cps |
| Lead | 208-1 | 3275803 | 3294369 | 3338631 | 3302934 | 0.98 | cps |
| Lithium | 6-1 | 1174943 | 1331977 | 1312498 | 1273139 | 6.72 | cps |
| Magnesium | 24-2 | 7300072 | 7230452 | 7166233 | 7232252 | 0.93 | cps |
| Manganese | 55-2 | 6168838 | 6168699 | 6199157 | 6178898 | 0.28 | cps |
| Molybdenum | 94-1 | 78372 | 80533 | 81813 | 80239 | 2.17 | cps |
| Molybdenum | 95-1 | 8096 | 8366 | 7829 | 8097 | 3.32 | cps |
| Molybdenum | 96-1 | 25920 | 26724 | 27042 | 26562 | 2.18 | cps |
| Molybdenum | 97-1 | 5071 | 5098 | 5074 | 5081 | 0.29 | cps |
| Molybdenum | 98-1 | 12305 | 13136 | 12616 | 12686 | 3.31 | cps |
| Neodymium | 150-1 | 140458 | 142253 | 144939 | 142550 | 1.58 | cps |
| Neodymium | 150-2 | 73005 | 74834 | 73681 | 73840 | 1.25 | cps |
| Nickel | 60-2 | 142041 | 143657 | 144091 | 143263 | 0.75 | cps |
| Phosphorus | 31-2 | 23398 | 23825 | 23124 | 23449 | 1.51 | cps |
| Potassium | 39-2 | 3442342 | 3480269 | 3489069 | 3470560 | 0.72 | cps |
| Rhodium | 103-1 | 6697242 | 7541666 | 7523068 | 7253992 | 6.65 | cps |
| Rhodium | 103-2 | 4365828 | 4425989 | 4386969 | 4392929 | 0.69 | cps |
| Scandium | 45-1 | 4269141 | 4792255 | 4730748 | 4597381 | 6.22 | cps |
| Scandium | 45-2 | 426305 | 425078 | 426214 | 425866 | 0.16 | cps |
| Selenium | 82-1 | 614 | 633 | 661 | 636 | 3.69 | cps |
| Selenium | 77-2 | 290 | 230 | 277 | 266 | 11.87 | cps |
| Selenium | 78-2 | 420 | 480 | 460 | 453 | 6.74 | cps |
| Silicon | 28-1 | 17617038 | 17926194 | 18052008 | 17865080 | 1.25 | cps |
| Silver | 107-1 | 8219 | 8046 | 8352 | 8206 | 1.88 | cps |
| Silver | 109-1 | 7562 | 7729 | 7505 | 7599 | 1.53 | cps |
| Sodium | 23-2 | 114854 | 114572 | 115056 | 114827 | 0.21 | cps |
| Strontium | 86-1 | 246997 | 251479 | 255071 | 251182 | 1.61 | cps |
| Strontium | 88-1 | 2244696 | 2274086 | 2263585 | 2260789 | 0.66 | cps |
| Sulfur | 34-1 | 136365 | 136789 | 137404 | 136853 | 0.38 | cps |
| Terbium | 159-1 | 9788544 | 11050734 | 11050039 | 10629772 | 6.85 | cps |
| Terbium | 159-2 | 6513403 | 6590633 | 6609053 | 6571030 | 0.77 | cps |
| Thallium | 203-1 | 4087 | 4191 | 4324 | 4201 | 2.83 | cps |
| Thallium | 205-1 | 9607 | 9954 | 10131 | 9897 | 2.69 | cps |
| Tin | 118-1 | 27262 | 29113 | 27827 | 28068 | 3.38 | cps |
| Titanium | 47-1 | 1219894 | 1238261 | 1257510 | 1238555 | 1.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:46:19 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33816 | 34221 | 33332 | 33789 | 1.32 | cps |
| Vanadium | 51-2 | 721430 | 718730 | 719231 | 719797 | 0.20 | cps |
| Yttrium | 89-1 | 12778779 | 14355215 | 14201764 | 13778586 | 6.31 | cps |
| Yttrium | 89-2 | 3429077 | 3392022 | 3396668 | 3405922 | 0.59 | cps |
| Zinc | 66-2 | 241289 | 240856 | 244125 | 242090 | 0.73 | cps |
| Zirconium | 90-1 | 202013 | 203778 | 207708 | 204500 | 1.43 | cps |
| Zirconium | 91-1 | 44889 | 45547 | 46620 | 45685 | 1.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8399187 | 8318555 | 8215018 | 8310920 | 1.11 | cps |
| Antimony | 121-1 | 32079 | 32507 | 32991 | 32526 | 1.40 | cps |
| Arsenic | 75-2 | 70811 | 70711 | 70175 | 70565 | 0.48 | cps |
| Barium | 135-1 | 1105396 | 1125527 | 1124909 | 1118610 | 1.02 | cps |
| Barium | 137-1 | 2067696 | 2093928 | 2148880 | 2103501 | 1.97 | cps |
| Beryllium | 9-1 | 1900 | 2095 | 2172 | 2056 | 6.82 | cps |
| Bismuth | 209-1 | 6799593 | 6756969 | 6334923 | 6630495 | 3.87 | cps |
| Bismuth | 209-2 | 4775417 | 4782452 | 4745344 | 4767738 | 0.41 | cps |
| Bromine | 81-1 | 12856 | 13083 | 13376 | 13105 | 1.99 | cps |
| Bromine | 81-2 | 553 | 463 | 577 | 531 | 11.27 | cps |
| Cadmium | 108-1 | 497 | 677 | 527 | 567 | 17.02 | cps |
| Cadmium | 106-1 | 3807 | 3751 | 3454 | 3671 | 5.17 | cps |
| Cadmium | 111-1 | 7888 | 7830 | 7490 | 7736 | 2.78 | cps |
| Calcium | 43-1 | 198963 | 203082 | 203364 | 201803 | 1.22 | cps |
| Calcium | 44-1 | 3072894 | 3078959 | 3089887 | 3080580 | 0.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 358498 | 357071 | 354752 | 356774 | 0.53 | cps |
| Cobalt | 59-2 | 299016 | 300588 | 297952 | 299185 | 0.44 | cps |
| Copper | 63-2 | 1275849 | 1270184 | 1275669 | 1273901 | 0.25 | cps |
| Dysprosium | 156-1 | 73246 | 74771 | 75796 | 74604 | 1.72 | cps |
| Dysprosium | 156-2 | 56118 | 56035 | 56978 | 56377 | 0.93 | cps |
| Erbium | 164-1 | 55088 | 54292 | 55891 | 55090 | 1.45 | cps |
| Erbium | 164-2 | 34463 | 33871 | 33995 | 34109 | 0.91 | cps |
| Gadolinium | 160-1 | 68215 | 68979 | 67890 | 68361 | 0.82 | cps |
| Gadolinium | 160-2 | 44955 | 44908 | 44975 | 44946 | 0.08 | cps |
| Holmium | 165-1 | 10919744 | 10834075 | 10046582 | 10600134 | 4.54 | cps |
| Holmium | 165-2 | 6838146 | 6598200 | 6747196 | 6727847 | 1.80 | cps |
| Indium | 115-1 | 8340298 | 8314874 | 7582061 | 8079078 | 5.33 | cps |
| Indium | 115-2 | 2582771 | 2562356 | 2552337 | 2565821 | 0.60 | cps |
| Iron | 56-2 | 336471915 | 330592395 | 333638462 | 333567591 | 0.88 | cps |
| Iron | 57-2 | 8236735 | 8323633 | 8244555 | 8268307 | 0.58 | cps |
| Iron | 54-2 | 18239443 | 18260589 | 18253044 | 18251025 | 0.06 | cps |
| Krypton | 83-1 | 290 | 200 | 233 | 241 | 18.87 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 634313 | 641991 | 656410 | 644238 | 1.74 | cps |
| Lead | 207-1 | 559848 | 570706 | 567953 | 566169 | 1.00 | cps |
| Lead | 208-1 | 2529251 | 2551290 | 2593230 | 2557924 | 1.27 | cps |
| Lithium | 6-1 | 1342682 | 1338195 | 1235995 | 1305624 | 4.62 | cps |
| Magnesium | 24-2 | 6580882 | 6557198 | 6556795 | 6564959 | 0.21 | cps |
| Manganese | 55-2 | 6437921 | 6468504 | 6431869 | 6446098 | 0.30 | cps |
| Molybdenum | 94-1 | 82293 | 84086 | 83345 | 83241 | 1.08 | cps |
| Molybdenum | 95-1 | 8653 | 8733 | 8723 | 8703 | 0.50 | cps |
| Molybdenum | 96-1 | 26584 | 27763 | 28351 | 27566 | 3.26 | cps |
| Molybdenum | 97-1 | 5304 | 5314 | 5348 | 5322 | 0.43 | cps |
| Molybdenum | 98-1 | 12969 | 13269 | 13386 | 13208 | 1.63 | cps |
| Neodymium | 150-1 | 141020 | 141831 | 142694 | 141849 | 0.59 | cps |
| Neodymium | 150-2 | 74331 | 75028 | 73999 | 74453 | 0.71 | cps |
| Nickel | 60-2 | 138358 | 137921 | 136178 | 137486 | 0.84 | cps |
| Phosphorus | 31-2 | 22500 | 22754 | 22710 | 22655 | 0.60 | cps |
| Potassium | 39-2 | 3538427 | 3539305 | 3517143 | 3531625 | 0.36 | cps |
| Rhodium | 103-1 | 7607652 | 7590476 | 6954452 | 7384193 | 5.04 | cps |
| Rhodium | 103-2 | 4422884 | 4388531 | 4437288 | 4416234 | 0.57 | cps |
| Scandium | 45-1 | 4716720 | 4737629 | 4336492 | 4596947 | 4.91 | cps |
| Scandium | 45-2 | 423553 | 420732 | 418557 | 420947 | 0.59 | cps |
| Selenium | 82-1 | 593 | 656 | 620 | 623 | 5.06 | cps |
| Selenium | 77-2 | 270 | 303 | 203 | 259 | 19.67 | cps |
| Selenium | 78-2 | 400 | 423 | 410 | 411 | 2.85 | cps |
| Silicon | 28-1 | 21038589 | 21397968 | 21581681 | 21339413 | 1.29 | cps |
| Silver | 107-1 | 6755 | 6818 | 7018 | 6864 | 2.00 | cps |
| Silver | 109-1 | 6538 | 6295 | 6685 | 6506 | 3.03 | cps |
| Sodium | 23-2 | 115029 | 115321 | 113326 | 114559 | 0.94 | cps |
| Strontium | 86-1 | 234769 | 237763 | 238095 | 236876 | 0.77 | cps |
| Strontium | 88-1 | 2143041 | 2114623 | 2152702 | 2136789 | 0.93 | cps |
| Sulfur | 34-1 | 139934 | 139221 | 137253 | 138802 | 1.00 | cps |
| Terbium | 159-1 | 11149839 | 11161462 | 10236150 | 10849150 | 4.89 | cps |
| Terbium | 159-2 | 6681344 | 6682997 | 6622610 | 6662317 | 0.52 | cps |
| Thallium | 203-1 | 3611 | 3804 | 3681 | 3698 | 2.65 | cps |
| Thallium | 205-1 | 8453 | 8613 | 8609 | 8558 | 1.07 | cps |
| Tin | 118-1 | 27272 | 27730 | 27967 | 27657 | 1.28 | cps |
| Titanium | 47-1 | 1227239 | 1241766 | 1254929 | 1241311 | 1.12 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:49:23 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32720 | 33165 | 33599 | 33161 | 1.33 | cps |
| Vanadium | 51-2 | 639904 | 638753 | 638705 | 639121 | 0.11 | cps |
| Yttrium | 89-1 | 14204111 | 14292583 | 13064879 | 13853858 | 4.94 | cps |
| Yttrium | 89-2 | 3402146 | 3422295 | 3355343 | 3393261 | 1.01 | cps |
| Zinc | 66-2 | 220555 | 221170 | 220599 | 220775 | 0.16 | cps |
| Zirconium | 90-1 | 211754 | 214570 | 215447 | 213924 | 0.90 | cps |
| Zirconium | 91-1 | 47775 | 48312 | 48165 | 48084 | 0.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10143231 | 10172414 | 10234744 | 10183463 | 0.46 | cps |
| Antimony | 121-1 | 38628 | 38652 | 39665 | 38982 | 1.52 | cps |
| Arsenic | 75-2 | 81660 | 80731 | 80574 | 80988 | 0.72 | cps |
| Barium | 135-1 | 1439156 | 1462171 | 1463480 | 1454936 | 0.94 | cps |
| Barium | 137-1 | 2775284 | 2765408 | 2731562 | 2757418 | 0.83 | cps |
| Beryllium | 9-1 | 2395 | 2478 | 2539 | 2471 | 2.94 | cps |
| Bismuth | 209-1 | 6884797 | 6890354 | 6600526 | 6791892 | 2.44 | cps |
| Bismuth | 209-2 | 4689984 | 4742014 | 4731129 | 4721043 | 0.58 | cps |
| Bromine | 81-1 | 12852 | 13319 | 12395 | 12856 | 3.59 | cps |
| Bromine | 81-2 | 600 | 467 | 540 | 536 | 12.47 | cps |
| Cadmium | 108-1 | 757 | 817 | 827 | 800 | 4.73 | cps |
| Cadmium | 106-1 | 4131 | 3951 | 4307 | 4130 | 4.32 | cps |
| Cadmium | 111-1 | 9927 | 9412 | 9908 | 9749 | 3.00 | cps |
| Calcium | 43-1 | 246938 | 247199 | 247247 | 247128 | 0.07 | cps |
| Calcium | 44-1 | 3747795 | 3826303 | 3792465 | 3788854 | 1.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 480456 | 479396 | 479247 | 479699 | 0.14 | cps |
| Cobalt | 59-2 | 385462 | 384647 | 384638 | 384916 | 0.12 | cps |
| Copper | 63-2 | 1774974 | 1767466 | 1811696 | 1784712 | 1.33 | cps |
| Dysprosium | 156-1 | 87816 | 88574 | 87786 | 88058 | 0.51 | cps |
| Dysprosium | 156-2 | 67136 | 66386 | 66148 | 66557 | 0.77 | cps |
| Erbium | 164-1 | 67539 | 67211 | 67589 | 67446 | 0.30 | cps |
| Erbium | 164-2 | 41177 | 40261 | 40639 | 40692 | 1.13 | cps |
| Gadolinium | 160-1 | 79973 | 80392 | 81686 | 80684 | 1.11 | cps |
| Gadolinium | 160-2 | 52033 | 52886 | 52461 | 52460 | 0.81 | cps |
| Holmium | 165-1 | 10987113 | 11016317 | 10694534 | 10899321 | 1.63 | cps |
| Holmium | 165-2 | 6541945 | 6626146 | 6620694 | 6596262 | 0.71 | cps |
| Indium | 115-1 | 8286722 | 8144571 | 8001153 | 8144148 | 1.75 | cps |
| Indium | 115-2 | 2525946 | 2570669 | 2530656 | 2542424 | 0.97 | cps |
| Iron | 56-2 | 426367474 | 426666647 | 422421674 | 425151931 | 0.56 | cps |
| Iron | 57-2 | 10579018 | 10492182 | 10515060 | 10528753 | 0.43 | cps |
| Iron | 54-2 | 23356305 | 23189526 | 23265865 | 23270565 | 0.36 | cps |
| Krypton | 83-1 | 263 | 277 | 273 | 271 | 2.56 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 945072 | 965010 | 981944 | 964009 | 1.91 | cps |
| Lead | 207-1 | 859631 | 856617 | 863564 | 859937 | 0.41 | cps |
| Lead | 208-1 | 4156575 | 4125756 | 4192503 | 4158278 | 0.80 | cps |
| Lithium | 6-1 | 1334477 | 1348752 | 1321621 | 1334950 | 1.02 | cps |
| Magnesium | 24-2 | 8653098 | 8685488 | 8694636 | 8677741 | 0.25 | cps |
| Manganese | 55-2 | 8091716 | 8007722 | 8010787 | 8036742 | 0.59 | cps |
| Molybdenum | 94-1 | 119267 | 118370 | 121202 | 119613 | 1.21 | cps |
| Molybdenum | 95-1 | 10644 | 10417 | 10734 | 10598 | 1.54 | cps |
| Molybdenum | 96-1 | 36679 | 36683 | 36168 | 36510 | 0.81 | cps |
| Molybdenum | 97-1 | 6471 | 6478 | 6642 | 6530 | 1.47 | cps |
| Molybdenum | 98-1 | 16423 | 16172 | 16469 | 16355 | 0.98 | cps |
| Neodymium | 150-1 | 165358 | 167870 | 167338 | 166855 | 0.79 | cps |
| Neodymium | 150-2 | 85111 | 86654 | 86617 | 86128 | 1.02 | cps |
| Nickel | 60-2 | 186205 | 185749 | 183434 | 185129 | 0.80 | cps |
| Phosphorus | 31-2 | 27027 | 26516 | 26613 | 26719 | 1.02 | cps |
| Potassium | 39-2 | 4152095 | 4149099 | 4124548 | 4141914 | 0.36 | cps |
| Rhodium | 103-1 | 7557754 | 7573457 | 7210995 | 7447402 | 2.75 | cps |
| Rhodium | 103-2 | 4351195 | 4392356 | 4398654 | 4380735 | 0.59 | cps |
| Scandium | 45-1 | 4777387 | 4827318 | 4628838 | 4744514 | 2.18 | cps |
| Scandium | 45-2 | 431594 | 427035 | 427745 | 428791 | 0.57 | cps |
| Selenium | 82-1 | 691 | 710 | 633 | 678 | 5.92 | cps |
| Selenium | 77-2 | 277 | 293 | 283 | 284 | 2.95 | cps |
| Selenium | 78-2 | 543 | 463 | 500 | 502 | 7.97 | cps |
| Silicon | 28-1 | 20839876 | 20912975 | 20869219 | 20874023 | 0.18 | cps |
| Silver | 107-1 | 9316 | 9767 | 9677 | 9587 | 2.49 | cps |
| Silver | 109-1 | 9070 | 8709 | 8903 | 8894 | 2.03 | cps |
| Sodium | 23-2 | 122119 | 123406 | 123171 | 122899 | 0.56 | cps |
| Strontium | 86-1 | 322016 | 326563 | 326573 | 325050 | 0.81 | cps |
| Strontium | 88-1 | 2900699 | 2992425 | 2982209 | 2958445 | 1.70 | cps |
| Sulfur | 34-1 | 138931 | 143076 | 142487 | 141498 | 1.58 | cps |
| Terbium | 159-1 | 11320089 | 11309499 | 10805600 | 11145063 | 2.64 | cps |
| Terbium | 159-2 | 6654419 | 6561867 | 6595552 | 6603946 | 0.71 | cps |
| Thallium | 203-1 | 5244 | 5374 | 5134 | 5251 | 2.29 | cps |
| Thallium | 205-1 | 12322 | 12829 | 12773 | 12642 | 2.20 | cps |
| Tin | 118-1 | 29053 | 29801 | 29741 | 29531 | 1.41 | cps |
| Titanium | 47-1 | 1674597 | 1681938 | 1686913 | 1681149 | 0.37 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:52:30 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40528 | 40301 | 40130 | 40320 | 0.50 | cps |
| Vanadium | 51-2 | 869059 | 866954 | 866518 | 867510 | 0.16 | cps |
| Yttrium | 89-1 | 14485533 | 14462172 | 13830894 | 14259533 | 2.60 | cps |
| Yttrium | 89-2 | 3422866 | 3441466 | 3463653 | 3442662 | 0.59 | cps |
| Zinc | 66-2 | 267391 | 266414 | 267334 | 267046 | 0.21 | cps |
| Zirconium | 90-1 | 304332 | 308371 | 308380 | 307028 | 0.76 | cps |
| Zirconium | 91-1 | 68281 | 69376 | 69996 | 69218 | 1.25 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7534853 | 7490281 | 7541076 | 7522070 | 0.37 | cps |
| Antimony | 121-1 | 49829 | 49130 | 49602 | 49520 | 0.72 | cps |
| Arsenic | 75-2 | 71658 | 71404 | 71605 | 71556 | 0.19 | cps |
| Barium | 135-1 | 1134143 | 1141089 | 1148022 | 1141084 | 0.61 | cps |
| Barium | 137-1 | 2090138 | 2133757 | 2157109 | 2127001 | 1.60 | cps |
| Beryllium | 9-1 | 2078 | 1961 | 1889 | 1976 | 4.82 | cps |
| Bismuth | 209-1 | 6901967 | 6898033 | 6813474 | 6871158 | 0.73 | cps |
| Bismuth | 209-2 | 4804034 | 4743055 | 4783451 | 4776846 | 0.65 | cps |
| Bromine | 81-1 | 12482 | 12299 | 12185 | 12322 | 1.22 | cps |
| Bromine | 81-2 | 453 | 397 | 417 | 422 | 6.81 | cps |
| Cadmium | 108-1 | 573 | 560 | 500 | 544 | 7.18 | cps |
| Cadmium | 106-1 | 3851 | 3964 | 3754 | 3856 | 2.73 | cps |
| Cadmium | 111-1 | 7335 | 7514 | 7565 | 7471 | 1.62 | cps |
| Calcium | 43-1 | 177633 | 178253 | 178287 | 178058 | 0.21 | cps |
| Calcium | 44-1 | 2733952 | 2719322 | 2751769 | 2735014 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 353550 | 351497 | 350382 | 351810 | 0.46 | cps |
| Cobalt | 59-2 | 349018 | 351051 | 348204 | 349424 | 0.42 | cps |
| Copper | 63-2 | 1165600 | 1160363 | 1156059 | 1160674 | 0.41 | cps |
| Dysprosium | 156-1 | 67471 | 67655 | 68516 | 67881 | 0.82 | cps |
| Dysprosium | 156-2 | 51715 | 51557 | 52223 | 51832 | 0.67 | cps |
| Erbium | 164-1 | 50113 | 50748 | 51300 | 50721 | 1.17 | cps |
| Erbium | 164-2 | 30360 | 31058 | 30670 | 30696 | 1.14 | cps |
| Gadolinium | 160-1 | 61762 | 62586 | 62281 | 62209 | 0.67 | cps |
| Gadolinium | 160-2 | 40000 | 40040 | 40351 | 40131 | 0.48 | cps |
| Holmium | 165-1 | 11218118 | 10863050 | 10876890 | 10986020 | 1.83 | cps |
| Holmium | 165-2 | 6640577 | 6570158 | 6585199 | 6598645 | 0.56 | cps |
| Indium | 115-1 | 8292812 | 8249926 | 8073887 | 8205541 | 1.41 | cps |
| Indium | 115-2 | 2562136 | 2521936 | 2524803 | 2536292 | 0.88 | cps |
| Iron | 56-2 | 375398914 | 376444768 | 374710474 | 375518052 | 0.23 | cps |
| Iron | 57-2 | 9296053 | 9439273 | 9166144 | 9300490 | 1.47 | cps |
| Iron | 54-2 | 20476607 | 20630426 | 20452874 | 20519969 | 0.47 | cps |
| Krypton | 83-1 | 243 | 253 | 253 | 250 | 2.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 692342 | 701058 | 702901 | 698767 | 0.81 | cps |
| Lead | 207-1 | 611219 | 614707 | 623590 | 616505 | 1.03 | cps |
| Lead | 208-1 | 2769432 | 2793639 | 2799673 | 2787581 | 0.57 | cps |
| Lithium | 6-1 | 1346927 | 1343839 | 1358200 | 1349655 | 0.56 | cps |
| Magnesium | 24-2 | 6573907 | 6625608 | 6627937 | 6609151 | 0.46 | cps |
| Manganese | 55-2 | 7099872 | 7123599 | 7088497 | 7103989 | 0.25 | cps |
| Molybdenum | 94-1 | 92788 | 93254 | 94063 | 93368 | 0.69 | cps |
| Molybdenum | 95-1 | 8856 | 9066 | 8493 | 8805 | 3.30 | cps |
| Molybdenum | 96-1 | 29687 | 30094 | 30298 | 30026 | 1.04 | cps |
| Molybdenum | 97-1 | 5264 | 5361 | 5484 | 5370 | 2.05 | cps |
| Molybdenum | 98-1 | 13493 | 13400 | 13987 | 13626 | 2.32 | cps |
| Neodymium | 150-1 | 127544 | 130124 | 130642 | 129437 | 1.28 | cps |
| Neodymium | 150-2 | 67045 | 66787 | 66030 | 66621 | 0.79 | cps |
| Nickel | 60-2 | 135055 | 134191 | 134812 | 134686 | 0.33 | cps |
| Phosphorus | 31-2 | 20267 | 20404 | 20470 | 20380 | 0.51 | cps |
| Potassium | 39-2 | 3179178 | 3182255 | 3193228 | 3184887 | 0.23 | cps |
| Rhodium | 103-1 | 7562158 | 7585686 | 7555456 | 7567767 | 0.21 | cps |
| Rhodium | 103-2 | 4406813 | 4374407 | 4371003 | 4384074 | 0.45 | cps |
| Scandium | 45-1 | 4671833 | 4623877 | 4633701 | 4643137 | 0.55 | cps |
| Scandium | 45-2 | 414270 | 412712 | 413596 | 413526 | 0.19 | cps |
| Selenium | 82-1 | 733 | 645 | 691 | 690 | 6.36 | cps |
| Selenium | 77-2 | 267 | 240 | 213 | 240 | 11.11 | cps |
| Selenium | 78-2 | 397 | 417 | 387 | 400 | 3.82 | cps |
| Silicon | 28-1 | 15282285 | 15508969 | 15478358 | 15423204 | 0.80 | cps |
| Silver | 107-1 | 5878 | 5651 | 5881 | 5803 | 2.27 | cps |
| Silver | 109-1 | 5168 | 5308 | 5378 | 5284 | 2.02 | cps |
| Sodium | 23-2 | 104931 | 105777 | 105371 | 105359 | 0.40 | cps |
| Strontium | 86-1 | 206535 | 209540 | 208197 | 208090 | 0.72 | cps |
| Strontium | 88-1 | 1863731 | 1886165 | 1885451 | 1878449 | 0.68 | cps |
| Sulfur | 34-1 | 145259 | 143961 | 142988 | 144069 | 0.79 | cps |
| Terbium | 159-1 | 11350997 | 11140807 | 11175507 | 11222437 | 1.00 | cps |
| Terbium | 159-2 | 6613109 | 6478835 | 6692573 | 6594839 | 1.64 | cps |
| Thallium | 203-1 | 4111 | 3744 | 3767 | 3874 | 5.30 | cps |
| Thallium | 205-1 | 9267 | 9707 | 9313 | 9429 | 2.57 | cps |
| Tin | 118-1 | 26438 | 27085 | 26191 | 26571 | 1.74 | cps |
| Titanium | 47-1 | 1224913 | 1234544 | 1242993 | 1234150 | 0.73 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:55:32 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30719 | 30759 | 30518 | 30665 | 0.42 | cps |
| Vanadium | 51-2 | 732060 | 733969 | 732467 | 732832 | 0.14 | cps |
| Yttrium | 89-1 | 14155010 | 14085531 | 13922331 | 14054291 | 0.85 | cps |
| Yttrium | 89-2 | 3398657 | 3329374 | 3333172 | 3353734 | 1.16 | cps |
| Zinc | 66-2 | 225493 | 225355 | 223975 | 224941 | 0.37 | cps |
| Zirconium | 90-1 | 237767 | 241914 | 241958 | 240546 | 1.00 | cps |
| Zirconium | 91-1 | 53842 | 54250 | 54604 | 54232 | 0.70 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9825250 | 9875365 | 9838923 | 9846513 | 0.26 | cps |
| Antimony | 121-1 | 64454 | 63647 | 64959 | 64353 | 1.03 | cps |
| Arsenic | 75-2 | 74958 | 75742 | 74435 | 75045 | 0.88 | cps |
| Barium | 135-1 | 1611501 | 1627296 | 1631475 | 1623424 | 0.65 | cps |
| Barium | 137-1 | 2750871 | 2815524 | 2869491 | 2811962 | 2.11 | cps |
| Beryllium | 9-1 | 2350 | 2395 | 2461 | 2402 | 2.33 | cps |
| Bismuth | 209-1 | 6892039 | 6829354 | 6076792 | 6599395 | 6.87 | cps |
| Bismuth | 209-2 | 4761723 | 4748591 | 4695187 | 4735167 | 0.74 | cps |
| Bromine | 81-1 | 12325 | 12862 | 13116 | 12768 | 3.16 | cps |
| Bromine | 81-2 | 520 | 487 | 550 | 519 | 6.11 | cps |
| Cadmium | 108-1 | 810 | 763 | 903 | 826 | 8.64 | cps |
| Cadmium | 106-1 | 3937 | 4254 | 3817 | 4003 | 5.64 | cps |
| Cadmium | 111-1 | 9588 | 10026 | 9752 | 9788 | 2.26 | cps |
| Calcium | 43-1 | 304059 | 306970 | 310729 | 307252 | 1.09 | cps |
| Calcium | 44-1 | 4634838 | 4670377 | 4709361 | 4671526 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 407181 | 410255 | 408778 | 408738 | 0.38 | cps |
| Cobalt | 59-2 | 332213 | 334732 | 330667 | 332537 | 0.62 | cps |
| Copper | 63-2 | 1896618 | 1899679 | 1915105 | 1903801 | 0.52 | cps |
| Dysprosium | 156-1 | 81203 | 83040 | 83510 | 82584 | 1.48 | cps |
| Dysprosium | 156-2 | 61212 | 61105 | 61608 | 61308 | 0.43 | cps |
| Erbium | 164-1 | 61926 | 62251 | 63584 | 62587 | 1.40 | cps |
| Erbium | 164-2 | 37968 | 38129 | 38035 | 38044 | 0.21 | cps |
| Gadolinium | 160-1 | 73950 | 76025 | 75334 | 75103 | 1.41 | cps |
| Gadolinium | 160-2 | 50099 | 47989 | 49079 | 49056 | 2.15 | cps |
| Holmium | 165-1 | 10980822 | 10804565 | 9605426 | 10463604 | 7.15 | cps |
| Holmium | 165-2 | 6666217 | 6661184 | 6580548 | 6635983 | 0.72 | cps |
| Indium | 115-1 | 8332808 | 8119745 | 7055523 | 7836025 | 8.73 | cps |
| Indium | 115-2 | 2543608 | 2546345 | 2504540 | 2531498 | 0.92 | cps |
| Iron | 56-2 | 414068807 | 407016194 | 411273874 | 410786292 | 0.86 | cps |
| Iron | 57-2 | 10180595 | 10002399 | 10150663 | 10111219 | 0.94 | cps |
| Iron | 54-2 | 22381593 | 22077121 | 22168368 | 22209027 | 0.70 | cps |
| Krypton | 83-1 | 347 | 303 | 247 | 299 | 16.78 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1016665 | 1012868 | 1023730 | 1017754 | 0.54 | cps |
| Lead | 207-1 | 900290 | 893826 | 909071 | 901062 | 0.85 | cps |
| Lead | 208-1 | 4446083 | 4392611 | 4427221 | 4421972 | 0.61 | cps |
| Lithium | 6-1 | 1349661 | 1373070 | 1188518 | 1303750 | 7.71 | cps |
| Magnesium | 24-2 | 8436679 | 8310453 | 8337533 | 8361555 | 0.79 | cps |
| Manganese | 55-2 | 7956014 | 7825434 | 7973487 | 7918312 | 1.02 | cps |
| Molybdenum | 94-1 | 109284 | 111513 | 113139 | 111312 | 1.74 | cps |
| Molybdenum | 95-1 | 10337 | 10290 | 10687 | 10438 | 2.08 | cps |
| Molybdenum | 96-1 | 33812 | 34350 | 35403 | 34522 | 2.34 | cps |
| Molybdenum | 97-1 | 6331 | 6545 | 6718 | 6532 | 2.97 | cps |
| Molybdenum | 98-1 | 16089 | 16126 | 16680 | 16298 | 2.03 | cps |
| Neodymium | 150-1 | 153505 | 153300 | 155116 | 153974 | 0.65 | cps |
| Neodymium | 150-2 | 80230 | 77924 | 78524 | 78892 | 1.52 | cps |
| Nickel | 60-2 | 162897 | 162224 | 162887 | 162669 | 0.24 | cps |
| Phosphorus | 31-2 | 31225 | 30497 | 31025 | 30916 | 1.22 | cps |
| Potassium | 39-2 | 3826939 | 3775732 | 3767269 | 3789980 | 0.85 | cps |
| Rhodium | 103-1 | 7469117 | 7472696 | 6634343 | 7192052 | 6.72 | cps |
| Rhodium | 103-2 | 4362529 | 4389829 | 4345037 | 4365798 | 0.52 | cps |
| Scandium | 45-1 | 4694620 | 4691761 | 4197417 | 4527933 | 6.32 | cps |
| Scandium | 45-2 | 423320 | 418819 | 417462 | 419867 | 0.73 | cps |
| Selenium | 82-1 | 616 | 662 | 629 | 636 | 3.73 | cps |
| Selenium | 77-2 | 293 | 270 | 267 | 277 | 5.25 | cps |
| Selenium | 78-2 | 503 | 477 | 493 | 491 | 2.74 | cps |
| Silicon | 28-1 | 17510768 | 17733426 | 17990654 | 17744950 | 1.35 | cps |
| Silver | 107-1 | 10464 | 10807 | 10624 | 10632 | 1.62 | cps |
| Silver | 109-1 | 9957 | 9800 | 10100 | 9952 | 1.51 | cps |
| Sodium | 23-2 | 141476 | 140208 | 140413 | 140699 | 0.48 | cps |
| Strontium | 86-1 | 355990 | 361136 | 363835 | 360320 | 1.11 | cps |
| Strontium | 88-1 | 3210752 | 3266478 | 3263996 | 3247075 | 0.97 | cps |
| Sulfur | 34-1 | 150758 | 153179 | 154216 | 152718 | 1.16 | cps |
| Terbium | 159-1 | 11220816 | 11186924 | 9731481 | 10713073 | 7.94 | cps |
| Terbium | 159-2 | 6691503 | 6537175 | 6489932 | 6572870 | 1.60 | cps |
| Thallium | 203-1 | 4324 | 4377 | 4354 | 4352 | 0.61 | cps |
| Thallium | 205-1 | 10351 | 10327 | 10454 | 10377 | 0.65 | cps |
| Tin | 118-1 | 30840 | 30910 | 31411 | 31053 | 1.00 | cps |
| Titanium | 47-1 | 1430038 | 1409478 | 1459669 | 1433062 | 1.76 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 19:58:40 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33281 | 32747 | 34558 | 33529 | 2.78 | cps |
| Vanadium | 51-2 | 824243 | 818391 | 819089 | 820574 | 0.39 | cps |
| Yttrium | 89-1 | 14246807 | 14193369 | 12641940 | 13694039 | 6.66 | cps |
| Yttrium | 89-2 | 3430495 | 3390783 | 3330629 | 3383969 | 1.49 | cps |
| Zinc | 66-2 | 285112 | 280307 | 285358 | 283592 | 1.00 | cps |
| Zirconium | 90-1 | 283181 | 289471 | 291395 | 288016 | 1.49 | cps |
| Zirconium | 91-1 | 62904 | 65066 | 65529 | 64500 | 2.17 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10925585 | 11073000 | 11028877 | 11009154 | 0.69 | cps |
| Antimony | 121-1 | 5028490 | 4957247 | 5019419 | 5001719 | 0.78 | cps |
| Arsenic | 75-2 | 254512 | 255920 | 255066 | 255166 | 0.28 | cps |
| Barium | 135-1 | 6838844 | 6914055 | 6930527 | 6894475 | 0.71 | cps |
| Barium | 137-1 | 11860891 | 11851291 | 11974573 | 11895585 | 0.58 | cps |
| Beryllium | 9-1 | 732278 | 733306 | 739854 | 735146 | 0.56 | cps |
| Bismuth | 209-1 | 6541045 | 6574261 | 6520670 | 6545325 | 0.41 | cps |
| Bismuth | 209-2 | 4473061 | 4398741 | 4545091 | 4472298 | 1.64 | cps |
| Bromine | 81-1 | 10971 | 10324 | 10537 | 10611 | 3.11 | cps |
| Bromine | 81-2 | 77 | 93 | 93 | 88 | 10.96 | cps |
| Cadmium | 108-1 | 91909 | 92070 | 92952 | 92310 | 0.61 | cps |
| Cadmium | 106-1 | 132531 | 132100 | 132605 | 132412 | 0.21 | cps |
| Cadmium | 111-1 | 1236882 | 1247406 | 1251177 | 1245155 | 0.59 | cps |
| Calcium | 43-1 | 6527484 | 6451340 | 6466806 | 6481877 | 0.62 | cps |
| Calcium | 44-1 | 103077848 | 103348182 | 102532355 | 102986128 | 0.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2020278 | 2020005 | 2009792 | 2016692 | 0.30 | cps |
| Cobalt | 59-2 | 3229046 | 3263620 | 3254421 | 3249029 | 0.55 | cps |
| Copper | 63-2 | 22887713 | 22613163 | 22834587 | 22778488 | 0.64 | cps |
| Dysprosium | 156-1 | 337 | 287 | 267 | 297 | 12.15 | cps |
| Dysprosium | 156-2 | 393 | 407 | 393 | 398 | 1.94 | cps |
| Erbium | 164-1 | 347 | 310 | 390 | 349 | 11.48 | cps |
| Erbium | 164-2 | 210 | 177 | 190 | 192 | 8.73 | cps |
| Gadolinium | 160-1 | 270 | 250 | 217 | 246 | 10.97 | cps |
| Gadolinium | 160-2 | 410 | 433 | 373 | 406 | 7.46 | cps |
| Holmium | 165-1 | 10924090 | 11074078 | 11031244 | 11009804 | 0.70 | cps |
| Holmium | 165-2 | 6740638 | 6561199 | 6701941 | 6667926 | 1.42 | cps |
| Indium | 115-1 | 7829444 | 7920929 | 7843213 | 7864529 | 0.63 | cps |
| Indium | 115-2 | 2453645 | 2443572 | 2432692 | 2443303 | 0.43 | cps |
| Iron | 56-2 | 437962900 | 434450767 | 431519300 | 434644322 | 0.74 | cps |
| Iron | 57-2 | 10898242 | 10789585 | 10817232 | 10835020 | 0.52 | cps |
| Iron | 54-2 | 23700180 | 24017570 | 23652214 | 23789988 | 0.83 | cps |
| Krypton | 83-1 | 217 | 213 | 180 | 203 | 9.97 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20218860 | 20784409 | 20846908 | 20616726 | 1.68 | cps |
| Lead | 207-1 | 17865363 | 18463269 | 18289342 | 18205991 | 1.69 | cps |
| Lead | 208-1 | 81375629 | 83312589 | 83225408 | 82637875 | 1.32 | cps |
| Lithium | 6-1 | 1324546 | 1399541 | 1370927 | 1365004 | 2.77 | cps |
| Magnesium | 24-2 | 94513269 | 95397619 | 94900099 | 94936995 | 0.47 | cps |
| Manganese | 55-2 | 14718209 | 14721196 | 14648067 | 14695824 | 0.28 | cps |
| Molybdenum | 94-1 | 19165436 | 19002050 | 19167722 | 19111736 | 0.50 | cps |
| Molybdenum | 95-1 | 27944721 | 27683414 | 27647357 | 27758497 | 0.58 | cps |
| Molybdenum | 96-1 | 30418541 | 30424678 | 30057085 | 30300101 | 0.69 | cps |
| Molybdenum | 97-1 | 17496013 | 17327970 | 17258186 | 17360723 | 0.70 | cps |
| Molybdenum | 98-1 | 45130839 | 44823786 | 44823276 | 44925967 | 0.39 | cps |
| Neodymium | 150-1 | 530 | 490 | 470 | 497 | 6.15 | cps |
| Neodymium | 150-2 | 167 | 167 | 137 | 157 | 11.06 | cps |
| Nickel | 60-2 | 779108 | 776458 | 781316 | 778961 | 0.31 | cps |
| Phosphorus | 31-2 | 113920 | 114742 | 115166 | 114609 | 0.55 | cps |
| Potassium | 39-2 | 55174561 | 55900983 | 55285263 | 55453602 | 0.71 | cps |
| Rhodium | 103-1 | 6974839 | 7005438 | 6911116 | 6963797 | 0.69 | cps |
| Rhodium | 103-2 | 4104512 | 4044859 | 4077072 | 4075481 | 0.73 | cps |
| Scandium | 45-1 | 4319956 | 4339379 | 4302396 | 4320577 | 0.43 | cps |
| Scandium | 45-2 | 392980 | 394291 | 394237 | 393836 | 0.19 | cps |
| Selenium | 82-1 | 76910 | 77248 | 76981 | 77046 | 0.23 | cps |
| Selenium | 77-2 | 7125 | 6848 | 7342 | 7105 | 3.48 | cps |
| Selenium | 78-2 | 23976 | 23692 | 24016 | 23895 | 0.74 | cps |
| Silicon | 28-1 | 41606841 | 40990086 | 41636038 | 41410988 | 0.88 | cps |
| Silver | 107-1 | 6387284 | 6355059 | 6337997 | 6360113 | 0.39 | cps |
| Silver | 109-1 | 6051738 | 5984027 | 5971036 | 6002267 | 0.72 | cps |
| Sodium | 23-2 | 156127028 | 157015834 | 156692221 | 156611694 | 0.29 | cps |
| Strontium | 86-1 | 40109179 | 40128800 | 40246646 | 40161542 | 0.19 | cps |
| Strontium | 88-1 | 352748448 | 354720755 | 355792781 | 354420661 | 0.44 | cps |
| Sulfur | 34-1 | 540228 | 541039 | 536477 | 539248 | 0.45 | cps |
| Terbium | 159-1 | 11085884 | 11212648 | 10995942 | 11098158 | 0.98 | cps |
| Terbium | 159-2 | 6581939 | 6606537 | 6557060 | 6581845 | 0.38 | cps |
| Thallium | 203-1 | 5050369 | 5183365 | 5220284 | 5151339 | 1.73 | cps |
| Thallium | 205-1 | 12131771 | 12274664 | 12546513 | 12317649 | 1.71 | cps |
| Tin | 118-1 | 4240976 | 4211632 | 4252297 | 4234969 | 0.50 | cps |
| Titanium | 47-1 | 6630071 | 6573725 | 6565508 | 6589768 | 0.53 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:01:42 | DataFile Name : | 049CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16508014 | 16923675 | 16742530 | 16724739 | 1.25 | cps |
| Vanadium | 51-2 | 1797555 | 1808277 | 1770159 | 1791997 | 1.10 | cps |
| Yttrium | 89-1 | 13214189 | 13157458 | 13158860 | 13176836 | 0.25 | cps |
| Yttrium | 89-2 | 3202365 | 3151992 | 3135885 | 3163414 | 1.10 | cps |
| Zinc | 66-2 | 3573959 | 3557546 | 3608160 | 3579889 | 0.72 | cps |
| Zirconium | 90-1 | 8805638 | 8724480 | 8758309 | 8762809 | 0.47 | cps |
| Zirconium | 91-1 | 1969099 | 1939751 | 1992774 | 1967208 | 1.35 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3077 | 3020 | 3074 | 3057 | 1.04 | cps |
| Antimony | 121-1 | 2964 | 3087 | 2887 | 2979 | 3.39 | cps |
| Arsenic | 75-2 | 23 | 33 | 43 | 33 | 30.00 | cps |
| Barium | 135-1 | 753 | 833 | 867 | 818 | 7.12 | cps |
| Barium | 137-1 | 1353 | 1440 | 1553 | 1449 | 6.92 | cps |
| Beryllium | 9-1 | 128 | 78 | 89 | 98 | 26.75 | cps |
| Bismuth | 209-1 | 7049690 | 6810956 | 7135519 | 6998722 | 2.40 | cps |
| Bismuth | 209-2 | 4957939 | 4918167 | 4953027 | 4943044 | 0.44 | cps |
| Bromine | 81-1 | 10627 | 10230 | 10537 | 10465 | 1.99 | cps |
| Bromine | 81-2 | 90 | 40 | 43 | 58 | 48.39 | cps |
| Cadmium | 108-1 | 17 | 17 | 23 | 19 | 20.36 | cps |
| Cadmium | 106-1 | 2990 | 2604 | 2800 | 2798 | 6.91 | cps |
| Cadmium | 111-1 | 2162 | 1934 | 2084 | 2060 | 5.61 | cps |
| Calcium | 43-1 | 730 | 647 | 720 | 699 | 6.51 | cps |
| Calcium | 44-1 | 16509 | 17794 | 18021 | 17442 | 4.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 833 | 753 | 803 | 797 | 5.07 | cps |
| Cobalt | 59-2 | 413 | 417 | 413 | 414 | 0.47 | cps |
| Copper | 63-2 | 2504 | 2344 | 2557 | 2468 | 4.50 | cps |
| Dysprosium | 156-1 | 43 | 20 | 20 | 28 | 48.49 | cps |
| Dysprosium | 156-2 | 20 | 7 | 17 | 14 | 48.02 | cps |
| Erbium | 164-1 | 90 | 83 | 77 | 83 | 8.00 | cps |
| Erbium | 164-2 | 47 | 60 | 57 | 54 | 12.74 | cps |
| Gadolinium | 160-1 | 57 | 37 | 73 | 56 | 33.04 | cps |
| Gadolinium | 160-2 | 247 | 310 | 283 | 280 | 11.36 | cps |
| Holmium | 165-1 | 11066167 | 10464252 | 11160376 | 10896932 | 3.47 | cps |
| Holmium | 165-2 | 6802345 | 6734996 | 6646848 | 6728063 | 1.16 | cps |
| Indium | 115-1 | 8535242 | 8133727 | 8619200 | 8429389 | 3.08 | cps |
| Indium | 115-2 | 2658579 | 2626155 | 2658779 | 2647838 | 0.71 | cps |
| Iron | 56-2 | 113108 | 112027 | 108857 | 111331 | 1.98 | cps |
| Iron | 57-2 | 3574 | 3600 | 3684 | 3619 | 1.59 | cps |
| Iron | 54-2 | 6985 | 6822 | 6732 | 6846 | 1.88 | cps |
| Krypton | 83-1 | 213 | 137 | 240 | 197 | 27.28 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2104 | 2037 | 2027 | 2056 | 2.03 | cps |
| Lead | 207-1 | 1723 | 1787 | 1740 | 1750 | 1.88 | cps |
| Lead | 208-1 | 8485 | 8134 | 8091 | 8237 | 2.62 | cps |
| Lithium | 6-1 | 1422376 | 1407809 | 1389454 | 1406546 | 1.17 | cps |
| Magnesium | 24-2 | 6558 | 6695 | 6451 | 6568 | 1.86 | cps |
| Manganese | 55-2 | 2654 | 2627 | 2547 | 2609 | 2.13 | cps |
| Molybdenum | 94-1 | 1370 | 1620 | 1437 | 1476 | 8.77 | cps |
| Molybdenum | 95-1 | 1957 | 1860 | 1930 | 1916 | 2.61 | cps |
| Molybdenum | 96-1 | 2027 | 2304 | 1913 | 2081 | 9.64 | cps |
| Molybdenum | 97-1 | 1170 | 1347 | 1183 | 1233 | 7.98 | cps |
| Molybdenum | 98-1 | 3097 | 3120 | 3114 | 3110 | 0.39 | cps |
| Neodymium | 150-1 | 43 | 47 | 33 | 41 | 16.89 | cps |
| Neodymium | 150-2 | 23 | 13 | 13 | 17 | 34.65 | cps |
| Nickel | 60-2 | 157 | 157 | 210 | 174 | 17.65 | cps |
| Phosphorus | 31-2 | 153 | 170 | 143 | 156 | 8.66 | cps |
| Potassium | 39-2 | 52795 | 53714 | 53296 | 53268 | 0.86 | cps |
| Rhodium | 103-1 | 7795594 | 7567036 | 7966325 | 7776318 | 2.58 | cps |
| Rhodium | 103-2 | 4552401 | 4542716 | 4556647 | 4550588 | 0.16 | cps |
| Scandium | 45-1 | 4500148 | 4404754 | 4589389 | 4498097 | 2.05 | cps |
| Scandium | 45-2 | 401371 | 401626 | 402171 | 401722 | 0.10 | cps |
| Selenium | 82-1 | 358 | 411 | 414 | 395 | 8.00 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 230 | 203 | 227 | 220 | 6.60 | cps |
| Silicon | 28-1 | 230261 | 228842 | 225374 | 228159 | 1.10 | cps |
| Silver | 107-1 | 963 | 890 | 700 | 851 | 15.97 | cps |
| Silver | 109-1 | 720 | 720 | 693 | 711 | 2.16 | cps |
| Sodium | 23-2 | 37502 | 37863 | 36724 | 37363 | 1.56 | cps |
| Strontium | 86-1 | 2060 | 2197 | 2087 | 2115 | 3.43 | cps |
| Strontium | 88-1 | 15568 | 16296 | 15034 | 15633 | 4.05 | cps |
| Sulfur | 34-1 | 170617 | 170304 | 170271 | 170397 | 0.11 | cps |
| Terbium | 159-1 | 11283700 | 10879976 | 11507804 | 11223826 | 2.83 | cps |
| Terbium | 159-2 | 6664276 | 6717997 | 6596097 | 6659457 | 0.92 | cps |
| Thallium | 203-1 | 813 | 750 | 753 | 772 | 4.62 | cps |
| Thallium | 205-1 | 1933 | 1870 | 1693 | 1832 | 6.79 | cps |
| Tin | 118-1 | 2180 | 2194 | 2180 | 2185 | 0.35 | cps |
| Titanium | 47-1 | 807 | 700 | 873 | 793 | 11.02 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:04:26 | DataFile Name : | 050CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 677 | 653 | 603 | 644 | 5.81 | cps |
| Vanadium | 51-2 | 383 | 283 | 300 | 322 | 16.63 | cps |
| Yttrium | 89-1 | 13507902 | 13162626 | 13721735 | 13464088 | 2.10 | cps |
| Yttrium | 89-2 | 3271371 | 3283500 | 3287363 | 3280745 | 0.25 | cps |
| Zinc | 66-2 | 803 | 910 | 777 | 830 | 8.50 | cps |
| Zirconium | 90-1 | 1517 | 1490 | 1490 | 1499 | 1.03 | cps |
| Zirconium | 91-1 | 300 | 347 | 330 | 326 | 7.26 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10572416 | 10680066 | 10660456 | 10637646 | 0.54 | cps |
| Antimony | 121-1 | 14951 | 15005 | 15308 | 15088 | 1.28 | cps |
| Arsenic | 75-2 | 41314 | 42056 | 41508 | 41626 | 0.92 | cps |
| Barium | 135-1 | 1164602 | 1171776 | 1173426 | 1169935 | 0.40 | cps |
| Barium | 137-1 | 2173872 | 2170152 | 2226398 | 2190140 | 1.44 | cps |
| Beryllium | 9-1 | 2556 | 2134 | 2467 | 2385 | 9.33 | cps |
| Bismuth | 209-1 | 6481044 | 7069233 | 6707167 | 6752481 | 4.39 | cps |
| Bismuth | 209-2 | 4765240 | 4752732 | 4774855 | 4764276 | 0.23 | cps |
| Bromine | 81-1 | 17737 | 18525 | 18669 | 18310 | 2.74 | cps |
| Bromine | 81-2 | 1503 | 1407 | 1307 | 1406 | 7.00 | cps |
| Cadmium | 108-1 | 367 | 377 | 417 | 387 | 6.84 | cps |
| Cadmium | 106-1 | 3701 | 3781 | 3751 | 3744 | 1.08 | cps |
| Cadmium | 111-1 | 5554 | 5576 | 5601 | 5577 | 0.42 | cps |
| Calcium | 43-1 | 877527 | 902199 | 911602 | 897110 | 1.96 | cps |
| Calcium | 44-1 | 13459763 | 13778268 | 13767354 | 13668461 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 417647 | 414216 | 414792 | 415552 | 0.44 | cps |
| Cobalt | 59-2 | 298059 | 299262 | 299542 | 298954 | 0.26 | cps |
| Copper | 63-2 | 1069897 | 1060177 | 1057717 | 1062597 | 0.61 | cps |
| Dysprosium | 156-1 | 84904 | 84211 | 85233 | 84783 | 0.62 | cps |
| Dysprosium | 156-2 | 63513 | 62836 | 63355 | 63235 | 0.56 | cps |
| Erbium | 164-1 | 70855 | 70678 | 72303 | 71278 | 1.25 | cps |
| Erbium | 164-2 | 43260 | 43293 | 43267 | 43273 | 0.04 | cps |
| Gadolinium | 160-1 | 79079 | 81234 | 81301 | 80538 | 1.57 | cps |
| Gadolinium | 160-2 | 52873 | 52371 | 52357 | 52534 | 0.56 | cps |
| Holmium | 165-1 | 10514388 | 11630927 | 10991554 | 11045623 | 5.07 | cps |
| Holmium | 165-2 | 6810466 | 6796607 | 6740810 | 6782628 | 0.54 | cps |
| Indium | 115-1 | 8052285 | 8912885 | 8631594 | 8532255 | 5.14 | cps |
| Indium | 115-2 | 2641307 | 2678548 | 2679106 | 2666320 | 0.81 | cps |
| Iron | 56-2 | 336581295 | 344021555 | 341137528 | 340580126 | 1.10 | cps |
| Iron | 57-2 | 8360802 | 8395227 | 8320259 | 8358763 | 0.45 | cps |
| Iron | 54-2 | 18520671 | 18809505 | 18456228 | 18595468 | 1.01 | cps |
| Krypton | 83-1 | 307 | 263 | 213 | 261 | 17.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 392306 | 394149 | 394707 | 393721 | 0.32 | cps |
| Lead | 207-1 | 337840 | 334323 | 334296 | 335486 | 0.61 | cps |
| Lead | 208-1 | 1538491 | 1543294 | 1547190 | 1542992 | 0.28 | cps |
| Lithium | 6-1 | 1361728 | 1409829 | 1394552 | 1388703 | 1.77 | cps |
| Magnesium | 24-2 | 8399774 | 8302711 | 8370560 | 8357682 | 0.60 | cps |
| Manganese | 55-2 | 7462297 | 7554355 | 7456958 | 7491203 | 0.73 | cps |
| Molybdenum | 94-1 | 69012 | 71912 | 72150 | 71024 | 2.46 | cps |
| Molybdenum | 95-1 | 12515 | 12632 | 12836 | 12661 | 1.28 | cps |
| Molybdenum | 96-1 | 28441 | 29042 | 29603 | 29029 | 2.00 | cps |
| Molybdenum | 97-1 | 7782 | 7669 | 7712 | 7721 | 0.74 | cps |
| Molybdenum | 98-1 | 19052 | 19463 | 19450 | 19322 | 1.21 | cps |
| Neodymium | 150-1 | 149712 | 149733 | 150062 | 149836 | 0.13 | cps |
| Neodymium | 150-2 | 76711 | 76519 | 77059 | 76763 | 0.36 | cps |
| Nickel | 60-2 | 129046 | 128226 | 127547 | 128273 | 0.59 | cps |
| Phosphorus | 31-2 | 40891 | 40390 | 39772 | 40351 | 1.39 | cps |
| Potassium | 39-2 | 6800747 | 6771121 | 6862725 | 6811531 | 0.69 | cps |
| Rhodium | 103-1 | 7345214 | 8183006 | 7908584 | 7812268 | 5.47 | cps |
| Rhodium | 103-2 | 4554085 | 4578526 | 4600106 | 4577572 | 0.50 | cps |
| Scandium | 45-1 | 4796334 | 5255096 | 5158301 | 5069910 | 4.77 | cps |
| Scandium | 45-2 | 455322 | 452631 | 455761 | 454571 | 0.37 | cps |
| Selenium | 82-1 | 608 | 742 | 790 | 713 | 13.22 | cps |
| Selenium | 77-2 | 347 | 317 | 330 | 331 | 4.54 | cps |
| Selenium | 78-2 | 510 | 550 | 457 | 506 | 9.26 | cps |
| Silicon | 28-1 | 26402707 | 26962250 | 27550669 | 26971875 | 2.13 | cps |
| Silver | 107-1 | 7679 | 7315 | 7115 | 7370 | 3.88 | cps |
| Silver | 109-1 | 7309 | 6548 | 7002 | 6953 | 5.50 | cps |
| Sodium | 23-2 | 327024 | 323474 | 328961 | 326486 | 0.85 | cps |
| Strontium | 86-1 | 511555 | 524329 | 531181 | 522355 | 1.91 | cps |
| Strontium | 88-1 | 4685660 | 4787451 | 4782636 | 4751916 | 1.21 | cps |
| Sulfur | 34-1 | 187378 | 184533 | 180057 | 183989 | 2.01 | cps |
| Terbium | 159-1 | 10746096 | 11632764 | 11415797 | 11264885 | 4.10 | cps |
| Terbium | 159-2 | 6837851 | 6742013 | 6793312 | 6791059 | 0.71 | cps |
| Thallium | 203-1 | 4314 | 4067 | 4117 | 4166 | 3.13 | cps |
| Thallium | 205-1 | 10050 | 9570 | 9684 | 9768 | 2.57 | cps |
| Tin | 118-1 | 23673 | 24043 | 24972 | 24229 | 2.76 | cps |
| Titanium | 47-1 | 1637848 | 1685312 | 1711962 | 1678374 | 2.24 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:07:41 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39104 | 39281 | 38710 | 39032 | 0.75 | cps |
| Vanadium | 51-2 | 676032 | 675046 | 676746 | 675941 | 0.13 | cps |
| Yttrium | 89-1 | 14324013 | 15941497 | 15407053 | 15224188 | 5.41 | cps |
| Yttrium | 89-2 | 3695826 | 3561074 | 3571344 | 3609415 | 2.08 | cps |
| Zinc | 66-2 | 190101 | 191120 | 191665 | 190962 | 0.42 | cps |
| Zirconium | 90-1 | 170869 | 176644 | 177566 | 175026 | 2.07 | cps |
| Zirconium | 91-1 | 39444 | 39002 | 39971 | 39472 | 1.23 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10078273 | 9999384 | 10006860 | 10028172 | 0.43 | cps |
| Antimony | 121-1 | 20645 | 20902 | 20658 | 20735 | 0.70 | cps |
| Arsenic | 75-2 | 47472 | 48171 | 47135 | 47593 | 1.11 | cps |
| Barium | 135-1 | 1038913 | 1059131 | 1068763 | 1055602 | 1.44 | cps |
| Barium | 137-1 | 1970151 | 1994057 | 1966661 | 1976956 | 0.75 | cps |
| Beryllium | 9-1 | 1928 | 1978 | 2011 | 1972 | 2.13 | cps |
| Bismuth | 209-1 | 6824379 | 6217127 | 6643149 | 6561552 | 4.75 | cps |
| Bismuth | 209-2 | 4772837 | 4869737 | 4760724 | 4801099 | 1.24 | cps |
| Bromine | 81-1 | 15185 | 14701 | 14861 | 14915 | 1.65 | cps |
| Bromine | 81-2 | 967 | 900 | 833 | 900 | 7.41 | cps |
| Cadmium | 108-1 | 447 | 393 | 493 | 444 | 11.26 | cps |
| Cadmium | 106-1 | 3814 | 3587 | 3354 | 3585 | 6.42 | cps |
| Cadmium | 111-1 | 6941 | 7160 | 6686 | 6929 | 3.42 | cps |
| Calcium | 43-1 | 486366 | 492085 | 494681 | 491044 | 0.87 | cps |
| Calcium | 44-1 | 7457537 | 7468452 | 7495832 | 7473940 | 0.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 423664 | 422138 | 421365 | 422389 | 0.28 | cps |
| Cobalt | 59-2 | 304426 | 305124 | 300717 | 303422 | 0.78 | cps |
| Copper | 63-2 | 1441193 | 1513903 | 1436287 | 1463795 | 2.97 | cps |
| Dysprosium | 156-1 | 79651 | 81086 | 81052 | 80596 | 1.02 | cps |
| Dysprosium | 156-2 | 60560 | 59348 | 60141 | 60016 | 1.03 | cps |
| Erbium | 164-1 | 65610 | 66768 | 67288 | 66555 | 1.29 | cps |
| Erbium | 164-2 | 40823 | 40646 | 40629 | 40699 | 0.26 | cps |
| Gadolinium | 160-1 | 76612 | 75726 | 77499 | 76612 | 1.16 | cps |
| Gadolinium | 160-2 | 49815 | 50471 | 49637 | 49974 | 0.88 | cps |
| Holmium | 165-1 | 11010979 | 10061489 | 10973654 | 10682041 | 5.03 | cps |
| Holmium | 165-2 | 6830463 | 6724130 | 6777468 | 6777354 | 0.78 | cps |
| Indium | 115-1 | 8514586 | 7647391 | 8301054 | 8154344 | 5.54 | cps |
| Indium | 115-2 | 2621037 | 2602695 | 2601480 | 2608404 | 0.42 | cps |
| Iron | 56-2 | 339019862 | 337378722 | 337020648 | 337806411 | 0.32 | cps |
| Iron | 57-2 | 8376320 | 8351218 | 8253572 | 8327037 | 0.78 | cps |
| Iron | 54-2 | 18422456 | 18168764 | 18247993 | 18279738 | 0.71 | cps |
| Krypton | 83-1 | 243 | 300 | 290 | 278 | 10.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 558856 | 567822 | 573063 | 566580 | 1.27 | cps |
| Lead | 207-1 | 492036 | 491097 | 495119 | 492751 | 0.43 | cps |
| Lead | 208-1 | 2221421 | 2236238 | 2254916 | 2237525 | 0.75 | cps |
| Lithium | 6-1 | 1368070 | 1275832 | 1349597 | 1331166 | 3.67 | cps |
| Magnesium | 24-2 | 8357118 | 8299158 | 8269202 | 8308492 | 0.54 | cps |
| Manganese | 55-2 | 6501593 | 6443369 | 6430198 | 6458387 | 0.59 | cps |
| Molybdenum | 94-1 | 61863 | 63446 | 61642 | 62317 | 1.58 | cps |
| Molybdenum | 95-1 | 13286 | 13707 | 13670 | 13554 | 1.72 | cps |
| Molybdenum | 96-1 | 27850 | 27997 | 28301 | 28049 | 0.82 | cps |
| Molybdenum | 97-1 | 8186 | 8459 | 8166 | 8270 | 1.98 | cps |
| Molybdenum | 98-1 | 20972 | 21679 | 20892 | 21181 | 2.05 | cps |
| Neodymium | 150-1 | 138236 | 140903 | 142077 | 140405 | 1.40 | cps |
| Neodymium | 150-2 | 73647 | 74361 | 72117 | 73375 | 1.56 | cps |
| Nickel | 60-2 | 130704 | 131608 | 131087 | 131133 | 0.35 | cps |
| Phosphorus | 31-2 | 34977 | 35678 | 35665 | 35440 | 1.13 | cps |
| Potassium | 39-2 | 7467040 | 7364962 | 7428006 | 7420003 | 0.69 | cps |
| Rhodium | 103-1 | 7840615 | 7123252 | 7754557 | 7572808 | 5.17 | cps |
| Rhodium | 103-2 | 4500749 | 4430955 | 4446850 | 4459518 | 0.82 | cps |
| Scandium | 45-1 | 5047198 | 4657272 | 4941687 | 4882052 | 4.13 | cps |
| Scandium | 45-2 | 442677 | 445903 | 444651 | 444410 | 0.37 | cps |
| Selenium | 82-1 | 817 | 628 | 703 | 716 | 13.28 | cps |
| Selenium | 77-2 | 327 | 257 | 220 | 268 | 20.24 | cps |
| Selenium | 78-2 | 497 | 523 | 500 | 507 | 2.87 | cps |
| Silicon | 28-1 | 22687917 | 22979502 | 23275911 | 22981110 | 1.28 | cps |
| Silver | 107-1 | 9143 | 9323 | 8996 | 9154 | 1.79 | cps |
| Silver | 109-1 | 8449 | 8916 | 8666 | 8677 | 2.69 | cps |
| Sodium | 23-2 | 786842 | 784371 | 778104 | 783106 | 0.58 | cps |
| Strontium | 86-1 | 330855 | 337144 | 339467 | 335822 | 1.33 | cps |
| Strontium | 88-1 | 2979324 | 3041928 | 3068567 | 3029940 | 1.51 | cps |
| Sulfur | 34-1 | 152883 | 149227 | 147695 | 149935 | 1.78 | cps |
| Terbium | 159-1 | 11421992 | 10388206 | 11113092 | 10974430 | 4.84 | cps |
| Terbium | 159-2 | 6709473 | 6702225 | 6627699 | 6679799 | 0.68 | cps |
| Thallium | 203-1 | 3424 | 3390 | 3464 | 3426 | 1.07 | cps |
| Thallium | 205-1 | 7859 | 8259 | 8303 | 8140 | 3.00 | cps |
| Tin | 118-1 | 23880 | 23810 | 23800 | 23830 | 0.18 | cps |
| Titanium | 47-1 | 1614194 | 1644236 | 1646110 | 1634847 | 1.10 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:10:47 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35337 | 36065 | 36456 | 35953 | 1.58 | cps |
| Vanadium | 51-2 | 703405 | 700603 | 698622 | 700877 | 0.34 | cps |
| Yttrium | 89-1 | 15056071 | 13943117 | 14771291 | 14590160 | 3.96 | cps |
| Yttrium | 89-2 | 3594509 | 3544886 | 3579251 | 3572882 | 0.71 | cps |
| Zinc | 66-2 | 219943 | 217701 | 217752 | 218465 | 0.59 | cps |
| Zirconium | 90-1 | 146987 | 149020 | 149017 | 148341 | 0.79 | cps |
| Zirconium | 91-1 | 32579 | 33679 | 33943 | 33400 | 2.16 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6052438 | 6135127 | 6050940 | 6079502 | 0.79 | cps |
| Antimony | 121-1 | 11028 | 10964 | 11275 | 11089 | 1.48 | cps |
| Arsenic | 75-2 | 21479 | 21472 | 21342 | 21431 | 0.36 | cps |
| Barium | 135-1 | 662345 | 666219 | 671441 | 666669 | 0.68 | cps |
| Barium | 137-1 | 1145749 | 1158117 | 1164961 | 1156276 | 0.84 | cps |
| Beryllium | 9-1 | 1456 | 1639 | 1372 | 1489 | 9.16 | cps |
| Bismuth | 209-1 | 6823152 | 6808084 | 6779863 | 6803699 | 0.32 | cps |
| Bismuth | 209-2 | 4756749 | 4847136 | 4764325 | 4789403 | 1.05 | cps |
| Bromine | 81-1 | 13743 | 13690 | 13386 | 13606 | 1.42 | cps |
| Bromine | 81-2 | 507 | 533 | 503 | 514 | 3.20 | cps |
| Cadmium | 108-1 | 163 | 200 | 160 | 174 | 12.72 | cps |
| Cadmium | 106-1 | 3364 | 3240 | 3117 | 3240 | 3.81 | cps |
| Cadmium | 111-1 | 3270 | 3132 | 3017 | 3140 | 4.05 | cps |
| Calcium | 43-1 | 466845 | 469527 | 469427 | 468600 | 0.32 | cps |
| Calcium | 44-1 | 7123147 | 7136992 | 7104384 | 7121508 | 0.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 316452 | 319047 | 317471 | 317657 | 0.41 | cps |
| Cobalt | 59-2 | 212642 | 214035 | 214752 | 213810 | 0.50 | cps |
| Copper | 63-2 | 376481 | 377993 | 375970 | 376814 | 0.28 | cps |
| Dysprosium | 156-1 | 58264 | 58424 | 58575 | 58421 | 0.27 | cps |
| Dysprosium | 156-2 | 43317 | 43644 | 43631 | 43531 | 0.43 | cps |
| Erbium | 164-1 | 49256 | 49333 | 49889 | 49493 | 0.70 | cps |
| Erbium | 164-2 | 30343 | 30590 | 30183 | 30372 | 0.68 | cps |
| Gadolinium | 160-1 | 54064 | 55158 | 54951 | 54724 | 1.06 | cps |
| Gadolinium | 160-2 | 35993 | 36945 | 35886 | 36275 | 1.61 | cps |
| Holmium | 165-1 | 11205269 | 11039898 | 11114834 | 11120000 | 0.74 | cps |
| Holmium | 165-2 | 6804595 | 6778059 | 6732060 | 6771571 | 0.54 | cps |
| Indium | 115-1 | 8613998 | 8468193 | 8382558 | 8488250 | 1.38 | cps |
| Indium | 115-2 | 2599016 | 2626354 | 2598123 | 2607831 | 0.62 | cps |
| Iron | 56-2 | 265235363 | 262372563 | 264702909 | 264103612 | 0.58 | cps |
| Iron | 57-2 | 6524831 | 6557846 | 6533894 | 6538857 | 0.26 | cps |
| Iron | 54-2 | 14477223 | 14327421 | 14538836 | 14447826 | 0.75 | cps |
| Krypton | 83-1 | 273 | 200 | 257 | 243 | 15.80 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 219987 | 223321 | 223947 | 222418 | 0.96 | cps |
| Lead | 207-1 | 183519 | 187564 | 188736 | 186606 | 1.47 | cps |
| Lead | 208-1 | 849619 | 858372 | 858063 | 855351 | 0.58 | cps |
| Lithium | 6-1 | 1393372 | 1371684 | 1339466 | 1368174 | 1.98 | cps |
| Magnesium | 24-2 | 5364622 | 5295341 | 5299076 | 5319680 | 0.73 | cps |
| Manganese | 55-2 | 3959249 | 3941961 | 4038537 | 3979916 | 1.29 | cps |
| Molybdenum | 94-1 | 53450 | 53802 | 53577 | 53610 | 0.33 | cps |
| Molybdenum | 95-1 | 6015 | 5788 | 6238 | 6014 | 3.74 | cps |
| Molybdenum | 96-1 | 18181 | 19136 | 18642 | 18653 | 2.56 | cps |
| Molybdenum | 97-1 | 3771 | 3787 | 3734 | 3764 | 0.73 | cps |
| Molybdenum | 98-1 | 9220 | 9123 | 9220 | 9187 | 0.61 | cps |
| Neodymium | 150-1 | 101348 | 103466 | 103338 | 102718 | 1.16 | cps |
| Neodymium | 150-2 | 52594 | 54050 | 53370 | 53338 | 1.37 | cps |
| Nickel | 60-2 | 94727 | 93378 | 94100 | 94068 | 0.72 | cps |
| Phosphorus | 31-2 | 24667 | 25041 | 25017 | 24908 | 0.84 | cps |
| Potassium | 39-2 | 3151954 | 3113663 | 3106699 | 3124106 | 0.78 | cps |
| Rhodium | 103-1 | 7898829 | 7853914 | 7823649 | 7858797 | 0.48 | cps |
| Rhodium | 103-2 | 4485098 | 4468325 | 4451026 | 4468150 | 0.38 | cps |
| Scandium | 45-1 | 4858962 | 4907198 | 4781072 | 4849077 | 1.31 | cps |
| Scandium | 45-2 | 426843 | 430126 | 428168 | 428379 | 0.39 | cps |
| Selenium | 82-1 | 528 | 664 | 561 | 584 | 12.18 | cps |
| Selenium | 77-2 | 223 | 167 | 193 | 194 | 14.58 | cps |
| Selenium | 78-2 | 440 | 430 | 417 | 429 | 2.73 | cps |
| Silicon | 28-1 | 17758317 | 18010612 | 17788687 | 17852539 | 0.77 | cps |
| Silver | 107-1 | 1897 | 1997 | 1994 | 1962 | 2.89 | cps |
| Silver | 109-1 | 1690 | 1647 | 1710 | 1682 | 1.92 | cps |
| Sodium | 23-2 | 230685 | 229471 | 230283 | 230147 | 0.27 | cps |
| Strontium | 86-1 | 228232 | 229789 | 232535 | 230185 | 0.95 | cps |
| Strontium | 88-1 | 2084511 | 2111976 | 2108049 | 2101512 | 0.71 | cps |
| Sulfur | 34-1 | 144431 | 145303 | 144731 | 144822 | 0.31 | cps |
| Terbium | 159-1 | 11276696 | 11175845 | 11329347 | 11260629 | 0.69 | cps |
| Terbium | 159-2 | 6722241 | 6739873 | 6682959 | 6715024 | 0.43 | cps |
| Thallium | 203-1 | 2330 | 2207 | 2350 | 2296 | 3.38 | cps |
| Thallium | 205-1 | 5424 | 5251 | 5451 | 5376 | 2.02 | cps |
| Tin | 118-1 | 18906 | 19851 | 19286 | 19348 | 2.46 | cps |
| Titanium | 47-1 | 1655715 | 1681824 | 1667106 | 1668215 | 0.78 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:13:51 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24880 | 25274 | 25007 | 25054 | 0.80 | cps |
| Vanadium | 51-2 | 684074 | 685238 | 683947 | 684420 | 0.10 | cps |
| Yttrium | 89-1 | 14778073 | 14717136 | 14677146 | 14724118 | 0.35 | cps |
| Yttrium | 89-2 | 3478374 | 3474951 | 3447025 | 3466783 | 0.50 | cps |
| Zinc | 66-2 | 102267 | 102089 | 100616 | 101657 | 0.89 | cps |
| Zirconium | 90-1 | 135875 | 137187 | 137271 | 136777 | 0.57 | cps |
| Zirconium | 91-1 | 30769 | 30832 | 30926 | 30842 | 0.26 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6524860 | 6379556 | 6382648 | 6429021 | 1.29 | cps |
| Antimony | 121-1 | 15128 | 15155 | 15218 | 15167 | 0.30 | cps |
| Arsenic | 75-2 | 27288 | 26858 | 27505 | 27217 | 1.21 | cps |
| Barium | 135-1 | 778604 | 782852 | 790684 | 784047 | 0.78 | cps |
| Barium | 137-1 | 1353523 | 1363953 | 1353664 | 1357047 | 0.44 | cps |
| Beryllium | 9-1 | 1422 | 1472 | 1533 | 1476 | 3.77 | cps |
| Bismuth | 209-1 | 6907253 | 6993977 | 6817116 | 6906115 | 1.28 | cps |
| Bismuth | 209-2 | 4656310 | 4787634 | 4710734 | 4718226 | 1.40 | cps |
| Bromine | 81-1 | 17157 | 17160 | 18355 | 17557 | 3.93 | cps |
| Bromine | 81-2 | 1140 | 1187 | 1240 | 1189 | 4.21 | cps |
| Cadmium | 108-1 | 247 | 327 | 263 | 279 | 15.13 | cps |
| Cadmium | 106-1 | 3514 | 3257 | 3210 | 3327 | 4.91 | cps |
| Cadmium | 111-1 | 4691 | 4502 | 4587 | 4593 | 2.06 | cps |
| Calcium | 43-1 | 668396 | 678206 | 678925 | 675176 | 0.87 | cps |
| Calcium | 44-1 | 10267053 | 10270497 | 10251437 | 10262996 | 0.10 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 276400 | 276198 | 275282 | 275960 | 0.22 | cps |
| Cobalt | 59-2 | 193450 | 193467 | 193491 | 193469 | 0.01 | cps |
| Copper | 63-2 | 697188 | 692560 | 695290 | 695013 | 0.33 | cps |
| Dysprosium | 156-1 | 53940 | 54314 | 54057 | 54104 | 0.35 | cps |
| Dysprosium | 156-2 | 40712 | 40288 | 41120 | 40707 | 1.02 | cps |
| Erbium | 164-1 | 45507 | 46330 | 46266 | 46034 | 0.99 | cps |
| Erbium | 164-2 | 27581 | 27698 | 28325 | 27868 | 1.44 | cps |
| Gadolinium | 160-1 | 51692 | 50952 | 52725 | 51790 | 1.72 | cps |
| Gadolinium | 160-2 | 33794 | 33497 | 33493 | 33595 | 0.51 | cps |
| Holmium | 165-1 | 10970013 | 10900814 | 10935319 | 10935382 | 0.32 | cps |
| Holmium | 165-2 | 6666178 | 6674928 | 6690827 | 6677311 | 0.19 | cps |
| Indium | 115-1 | 8526019 | 8416227 | 8381443 | 8441230 | 0.89 | cps |
| Indium | 115-2 | 2618769 | 2584564 | 2613373 | 2605569 | 0.71 | cps |
| Iron | 56-2 | 220874257 | 222582110 | 220837537 | 221431301 | 0.45 | cps |
| Iron | 57-2 | 5471202 | 5484865 | 5487977 | 5481348 | 0.16 | cps |
| Iron | 54-2 | 12081176 | 12023214 | 11976328 | 12026906 | 0.44 | cps |
| Krypton | 83-1 | 283 | 277 | 263 | 274 | 3.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 316274 | 318962 | 318843 | 318026 | 0.48 | cps |
| Lead | 207-1 | 266275 | 270825 | 271839 | 269646 | 1.10 | cps |
| Lead | 208-1 | 1234984 | 1244889 | 1244251 | 1241375 | 0.45 | cps |
| Lithium | 6-1 | 1346191 | 1326653 | 1386078 | 1352974 | 2.24 | cps |
| Magnesium | 24-2 | 6073648 | 6014361 | 5991289 | 6026433 | 0.70 | cps |
| Manganese | 55-2 | 4636414 | 4542623 | 4575017 | 4584685 | 1.04 | cps |
| Molybdenum | 94-1 | 46500 | 47330 | 47988 | 47273 | 1.58 | cps |
| Molybdenum | 95-1 | 8643 | 8796 | 8686 | 8708 | 0.91 | cps |
| Molybdenum | 96-1 | 19677 | 19834 | 20057 | 19856 | 0.96 | cps |
| Molybdenum | 97-1 | 5321 | 5564 | 5604 | 5497 | 2.79 | cps |
| Molybdenum | 98-1 | 13573 | 13813 | 13777 | 13721 | 0.94 | cps |
| Neodymium | 150-1 | 96511 | 96866 | 97252 | 96876 | 0.38 | cps |
| Neodymium | 150-2 | 50513 | 49286 | 50805 | 50201 | 1.61 | cps |
| Nickel | 60-2 | 96246 | 96334 | 95246 | 95942 | 0.63 | cps |
| Phosphorus | 31-2 | 31072 | 31112 | 30985 | 31056 | 0.21 | cps |
| Potassium | 39-2 | 4033524 | 3992251 | 3979928 | 4001901 | 0.70 | cps |
| Rhodium | 103-1 | 7758469 | 7775523 | 7743802 | 7759264 | 0.20 | cps |
| Rhodium | 103-2 | 4500275 | 4540576 | 4534821 | 4525224 | 0.48 | cps |
| Scandium | 45-1 | 4841907 | 4801925 | 4774570 | 4806134 | 0.70 | cps |
| Scandium | 45-2 | 428995 | 428235 | 421485 | 426238 | 0.97 | cps |
| Selenium | 82-1 | 653 | 612 | 633 | 633 | 3.18 | cps |
| Selenium | 77-2 | 153 | 217 | 177 | 182 | 17.58 | cps |
| Selenium | 78-2 | 463 | 363 | 360 | 396 | 14.84 | cps |
| Silicon | 28-1 | 22713527 | 22740539 | 22923092 | 22792386 | 0.50 | cps |
| Silver | 107-1 | 4401 | 4594 | 4747 | 4581 | 3.79 | cps |
| Silver | 109-1 | 4081 | 4334 | 4267 | 4227 | 3.11 | cps |
| Sodium | 23-2 | 304458 | 301777 | 302173 | 302803 | 0.48 | cps |
| Strontium | 86-1 | 470540 | 471156 | 478543 | 473413 | 0.94 | cps |
| Strontium | 88-1 | 4270948 | 4289552 | 4284603 | 4281701 | 0.23 | cps |
| Sulfur | 34-1 | 178398 | 181476 | 180849 | 180241 | 0.90 | cps |
| Terbium | 159-1 | 11130029 | 11217399 | 11156992 | 11168140 | 0.40 | cps |
| Terbium | 159-2 | 6732888 | 6721621 | 6670191 | 6708233 | 0.50 | cps |
| Thallium | 203-1 | 2587 | 2307 | 2344 | 2412 | 6.31 | cps |
| Thallium | 205-1 | 5865 | 5848 | 5778 | 5830 | 0.79 | cps |
| Tin | 118-1 | 21299 | 21486 | 22554 | 21780 | 3.11 | cps |
| Titanium | 47-1 | 1228087 | 1243521 | 1251901 | 1241169 | 0.97 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:16:59 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25732 | 24736 | 25007 | 25158 | 2.05 | cps |
| Vanadium | 51-2 | 463005 | 458871 | 462916 | 461597 | 0.51 | cps |
| Yttrium | 89-1 | 14458781 | 14635772 | 14389726 | 14494760 | 0.88 | cps |
| Yttrium | 89-2 | 3478423 | 3456839 | 3423029 | 3452763 | 0.81 | cps |
| Zinc | 66-2 | 160455 | 159273 | 160074 | 159934 | 0.38 | cps |
| Zirconium | 90-1 | 113917 | 116212 | 115873 | 115334 | 1.07 | cps |
| Zirconium | 91-1 | 25385 | 25422 | 26454 | 25754 | 2.36 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10877255 | 10748388 | 10787390 | 10804344 | 0.61 | cps |
| Antimony | 121-1 | 13276 | 13099 | 13290 | 13222 | 0.80 | cps |
| Arsenic | 75-2 | 28404 | 28644 | 28244 | 28431 | 0.71 | cps |
| Barium | 135-1 | 1204869 | 1214331 | 1221033 | 1213411 | 0.67 | cps |
| Barium | 137-1 | 2231481 | 2259756 | 2274529 | 2255255 | 0.97 | cps |
| Beryllium | 9-1 | 2534 | 2517 | 2534 | 2528 | 0.38 | cps |
| Bismuth | 209-1 | 6795035 | 6862591 | 6785565 | 6814397 | 0.62 | cps |
| Bismuth | 209-2 | 4738851 | 4778019 | 4819102 | 4778657 | 0.84 | cps |
| Bromine | 81-1 | 16005 | 16102 | 16079 | 16062 | 0.31 | cps |
| Bromine | 81-2 | 1050 | 1080 | 990 | 1040 | 4.41 | cps |
| Cadmium | 108-1 | 360 | 343 | 377 | 360 | 4.63 | cps |
| Cadmium | 106-1 | 3767 | 3684 | 3410 | 3620 | 5.15 | cps |
| Cadmium | 111-1 | 4455 | 4525 | 4197 | 4393 | 3.93 | cps |
| Calcium | 43-1 | 658663 | 662742 | 660708 | 660704 | 0.31 | cps |
| Calcium | 44-1 | 10001390 | 10022233 | 10113142 | 10045589 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 396504 | 396558 | 392427 | 395163 | 0.60 | cps |
| Cobalt | 59-2 | 287239 | 289949 | 285540 | 287576 | 0.77 | cps |
| Copper | 63-2 | 704289 | 697393 | 695511 | 699064 | 0.66 | cps |
| Dysprosium | 156-1 | 91184 | 92619 | 92935 | 92246 | 1.01 | cps |
| Dysprosium | 156-2 | 69457 | 68821 | 67990 | 68756 | 1.07 | cps |
| Erbium | 164-1 | 76850 | 77192 | 78170 | 77404 | 0.89 | cps |
| Erbium | 164-2 | 47046 | 46504 | 46922 | 46824 | 0.61 | cps |
| Gadolinium | 160-1 | 87159 | 88209 | 88550 | 87973 | 0.82 | cps |
| Gadolinium | 160-2 | 56487 | 56547 | 55392 | 56142 | 1.16 | cps |
| Holmium | 165-1 | 11022284 | 11308248 | 11147147 | 11159226 | 1.28 | cps |
| Holmium | 165-2 | 6788182 | 6742240 | 6806825 | 6779082 | 0.49 | cps |
| Indium | 115-1 | 8389112 | 8422708 | 8374863 | 8395561 | 0.29 | cps |
| Indium | 115-2 | 2627010 | 2588271 | 2653459 | 2622913 | 1.25 | cps |
| Iron | 56-2 | 309034202 | 309017409 | 310208122 | 309419911 | 0.22 | cps |
| Iron | 57-2 | 7598779 | 7728903 | 7637037 | 7654906 | 0.87 | cps |
| Iron | 54-2 | 16974771 | 16929650 | 16686455 | 16863625 | 0.92 | cps |
| Krypton | 83-1 | 363 | 260 | 283 | 302 | 17.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 318546 | 325312 | 324938 | 322932 | 1.18 | cps |
| Lead | 207-1 | 269911 | 273708 | 270770 | 271463 | 0.73 | cps |
| Lead | 208-1 | 1241797 | 1260618 | 1256380 | 1252932 | 0.79 | cps |
| Lithium | 6-1 | 1376860 | 1362096 | 1372491 | 1370482 | 0.55 | cps |
| Magnesium | 24-2 | 8026678 | 7997074 | 7988134 | 8003962 | 0.25 | cps |
| Manganese | 55-2 | 6637931 | 6706540 | 6714696 | 6686389 | 0.63 | cps |
| Molybdenum | 94-1 | 88519 | 87787 | 89689 | 88665 | 1.08 | cps |
| Molybdenum | 95-1 | 7098 | 7249 | 7075 | 7141 | 1.32 | cps |
| Molybdenum | 96-1 | 25923 | 26694 | 26234 | 26284 | 1.48 | cps |
| Molybdenum | 97-1 | 4354 | 4327 | 4391 | 4357 | 0.73 | cps |
| Molybdenum | 98-1 | 11168 | 10791 | 11351 | 11103 | 2.57 | cps |
| Neodymium | 150-1 | 161490 | 163277 | 165212 | 163326 | 1.14 | cps |
| Neodymium | 150-2 | 84502 | 82831 | 82989 | 83441 | 1.11 | cps |
| Nickel | 60-2 | 130630 | 129282 | 130328 | 130080 | 0.54 | cps |
| Phosphorus | 31-2 | 35328 | 35364 | 35020 | 35237 | 0.54 | cps |
| Potassium | 39-2 | 5908339 | 5908487 | 5808110 | 5874979 | 0.99 | cps |
| Rhodium | 103-1 | 7696781 | 7624285 | 7662130 | 7661065 | 0.47 | cps |
| Rhodium | 103-2 | 4434692 | 4473642 | 4511135 | 4473156 | 0.85 | cps |
| Scandium | 45-1 | 4826085 | 4874504 | 4819975 | 4840188 | 0.62 | cps |
| Scandium | 45-2 | 425430 | 429735 | 436689 | 430618 | 1.32 | cps |
| Selenium | 82-1 | 587 | 682 | 661 | 643 | 7.73 | cps |
| Selenium | 77-2 | 250 | 287 | 343 | 293 | 16.03 | cps |
| Selenium | 78-2 | 483 | 513 | 407 | 468 | 11.76 | cps |
| Silicon | 28-1 | 19353118 | 19359903 | 19305643 | 19339555 | 0.15 | cps |
| Silver | 107-1 | 3674 | 3771 | 3964 | 3803 | 3.88 | cps |
| Silver | 109-1 | 3784 | 3784 | 3460 | 3676 | 5.08 | cps |
| Sodium | 23-2 | 230024 | 228521 | 229035 | 229193 | 0.33 | cps |
| Strontium | 86-1 | 351029 | 355517 | 355209 | 353918 | 0.71 | cps |
| Strontium | 88-1 | 3199395 | 3211876 | 3177755 | 3196342 | 0.54 | cps |
| Sulfur | 34-1 | 150944 | 149931 | 148692 | 149856 | 0.75 | cps |
| Terbium | 159-1 | 11273561 | 11342867 | 11266200 | 11294209 | 0.37 | cps |
| Terbium | 159-2 | 6613372 | 6728625 | 6915456 | 6752485 | 2.26 | cps |
| Thallium | 203-1 | 3687 | 3974 | 3747 | 3803 | 3.98 | cps |
| Thallium | 205-1 | 9133 | 8883 | 9133 | 9050 | 1.60 | cps |
| Tin | 118-1 | 23927 | 24528 | 24571 | 24342 | 1.48 | cps |
| Titanium | 47-1 | 1780556 | 1781045 | 1775052 | 1778884 | 0.19 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4J9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:20:06 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36089 | 37596 | 37359 | 37015 | 2.19 | cps |
| Vanadium | 51-2 | 611019 | 606146 | 606547 | 607904 | 0.45 | cps |
| Yttrium | 89-1 | 14815665 | 14797765 | 14819920 | 14811117 | 0.08 | cps |
| Yttrium | 89-2 | 3509348 | 3525960 | 3591135 | 3542147 | 1.22 | cps |
| Zinc | 66-2 | 160229 | 159098 | 158000 | 159109 | 0.70 | cps |
| Zirconium | 90-1 | 225068 | 229075 | 231191 | 228445 | 1.36 | cps |
| Zirconium | 91-1 | 51132 | 50854 | 51473 | 51153 | 0.61 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8222017 | 8187032 | 8089813 | 8166288 | 0.84 | cps |
| Antimony | 121-1 | 15725 | 15922 | 15635 | 15761 | 0.93 | cps |
| Arsenic | 75-2 | 27953 | 28143 | 28210 | 28102 | 0.47 | cps |
| Barium | 135-1 | 832045 | 839451 | 845441 | 838979 | 0.80 | cps |
| Barium | 137-1 | 1444791 | 1447234 | 1457613 | 1449879 | 0.47 | cps |
| Beryllium | 9-1 | 1672 | 1706 | 1967 | 1782 | 9.05 | cps |
| Bismuth | 209-1 | 6882612 | 6872539 | 6803318 | 6852823 | 0.63 | cps |
| Bismuth | 209-2 | 4770797 | 4755417 | 4666924 | 4731046 | 1.18 | cps |
| Bromine | 81-1 | 15678 | 16166 | 16262 | 16035 | 1.95 | cps |
| Bromine | 81-2 | 1050 | 1153 | 1080 | 1094 | 4.86 | cps |
| Cadmium | 108-1 | 227 | 283 | 247 | 252 | 11.39 | cps |
| Cadmium | 106-1 | 3284 | 3434 | 3250 | 3323 | 2.94 | cps |
| Cadmium | 111-1 | 4170 | 4232 | 3999 | 4134 | 2.92 | cps |
| Calcium | 43-1 | 501845 | 505544 | 507600 | 504996 | 0.58 | cps |
| Calcium | 44-1 | 7651323 | 7773962 | 7719795 | 7715027 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 306071 | 305048 | 304217 | 305112 | 0.30 | cps |
| Cobalt | 59-2 | 228063 | 227651 | 226693 | 227469 | 0.31 | cps |
| Copper | 63-2 | 715534 | 708592 | 707067 | 710398 | 0.64 | cps |
| Dysprosium | 156-1 | 67401 | 68791 | 69424 | 68538 | 1.51 | cps |
| Dysprosium | 156-2 | 50420 | 49932 | 51547 | 50633 | 1.64 | cps |
| Erbium | 164-1 | 56882 | 58572 | 57906 | 57787 | 1.47 | cps |
| Erbium | 164-2 | 35107 | 35462 | 35144 | 35238 | 0.55 | cps |
| Gadolinium | 160-1 | 64936 | 66125 | 65512 | 65524 | 0.91 | cps |
| Gadolinium | 160-2 | 42852 | 42227 | 42026 | 42368 | 1.02 | cps |
| Holmium | 165-1 | 11048152 | 11239983 | 10947404 | 11078513 | 1.34 | cps |
| Holmium | 165-2 | 6696088 | 6582683 | 6634038 | 6637603 | 0.86 | cps |
| Indium | 115-1 | 8326353 | 8344959 | 8256083 | 8309132 | 0.56 | cps |
| Indium | 115-2 | 2565563 | 2599867 | 2589813 | 2585081 | 0.68 | cps |
| Iron | 56-2 | 255029650 | 254880430 | 254216810 | 254708963 | 0.17 | cps |
| Iron | 57-2 | 6369743 | 6345899 | 6294269 | 6336637 | 0.61 | cps |
| Iron | 54-2 | 13915711 | 13883551 | 14023221 | 13940828 | 0.52 | cps |
| Krypton | 83-1 | 297 | 227 | 267 | 263 | 13.34 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 280496 | 282236 | 282606 | 281779 | 0.40 | cps |
| Lead | 207-1 | 242352 | 241822 | 241049 | 241741 | 0.27 | cps |
| Lead | 208-1 | 1098595 | 1103368 | 1104445 | 1102136 | 0.28 | cps |
| Lithium | 6-1 | 1370267 | 1365029 | 1362864 | 1366053 | 0.28 | cps |
| Magnesium | 24-2 | 6294089 | 6262636 | 6235231 | 6263985 | 0.47 | cps |
| Manganese | 55-2 | 4966925 | 4922785 | 4950225 | 4946645 | 0.45 | cps |
| Molybdenum | 94-1 | 46333 | 46343 | 45651 | 46109 | 0.86 | cps |
| Molybdenum | 95-1 | 8399 | 8342 | 8579 | 8440 | 1.46 | cps |
| Molybdenum | 96-1 | 19413 | 19984 | 19793 | 19730 | 1.47 | cps |
| Molybdenum | 97-1 | 5081 | 5114 | 5071 | 5089 | 0.45 | cps |
| Molybdenum | 98-1 | 12882 | 12702 | 12989 | 12858 | 1.13 | cps |
| Neodymium | 150-1 | 120359 | 121068 | 121040 | 120822 | 0.33 | cps |
| Neodymium | 150-2 | 61513 | 62026 | 61534 | 61691 | 0.47 | cps |
| Nickel | 60-2 | 92808 | 91302 | 91131 | 91747 | 1.01 | cps |
| Phosphorus | 31-2 | 28156 | 28062 | 27575 | 27931 | 1.12 | cps |
| Potassium | 39-2 | 5768685 | 5785476 | 5812753 | 5788971 | 0.38 | cps |
| Rhodium | 103-1 | 7691289 | 7634198 | 7590300 | 7638596 | 0.66 | cps |
| Rhodium | 103-2 | 4401409 | 4399338 | 4409181 | 4403310 | 0.12 | cps |
| Scandium | 45-1 | 4729963 | 4771459 | 4682161 | 4727861 | 0.95 | cps |
| Scandium | 45-2 | 418874 | 420412 | 420943 | 420076 | 0.26 | cps |
| Selenium | 82-1 | 589 | 671 | 615 | 625 | 6.73 | cps |
| Selenium | 77-2 | 200 | 203 | 213 | 206 | 3.38 | cps |
| Selenium | 78-2 | 320 | 410 | 400 | 377 | 13.10 | cps |
| Silicon | 28-1 | 13813165 | 13920288 | 13972296 | 13901916 | 0.58 | cps |
| Silver | 107-1 | 4097 | 3921 | 4124 | 4047 | 2.73 | cps |
| Silver | 109-1 | 3901 | 3811 | 4034 | 3915 | 2.87 | cps |
| Sodium | 23-2 | 262481 | 259556 | 258875 | 260304 | 0.74 | cps |
| Strontium | 86-1 | 313425 | 317671 | 320508 | 317201 | 1.12 | cps |
| Strontium | 88-1 | 2873557 | 2867770 | 2885115 | 2875481 | 0.31 | cps |
| Sulfur | 34-1 | 142676 | 145306 | 144627 | 144203 | 0.95 | cps |
| Terbium | 159-1 | 11373586 | 11353907 | 11216253 | 11314582 | 0.76 | cps |
| Terbium | 159-2 | 6668633 | 6675336 | 6636336 | 6660102 | 0.31 | cps |
| Thallium | 203-1 | 2840 | 2854 | 3027 | 2907 | 3.58 | cps |
| Thallium | 205-1 | 6845 | 6395 | 6802 | 6681 | 3.72 | cps |
| Tin | 118-1 | 18973 | 19470 | 19260 | 19234 | 1.30 | cps |
| Titanium | 47-1 | 1317169 | 1307141 | 1302829 | 1309046 | 0.56 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4484-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:23:13 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31888 | 31591 | 31671 | 31717 | 0.49 | cps |
| Vanadium | 51-2 | 515455 | 512633 | 512823 | 513637 | 0.31 | cps |
| Yttrium | 89-1 | 14573776 | 14389547 | 14295419 | 14419581 | 0.98 | cps |
| Yttrium | 89-2 | 3455404 | 3417437 | 3442004 | 3438282 | 0.56 | cps |
| Zinc | 66-2 | 135979 | 134983 | 134567 | 135176 | 0.54 | cps |
| Zirconium | 90-1 | 112490 | 114455 | 113819 | 113588 | 0.88 | cps |
| Zirconium | 91-1 | 25021 | 25539 | 25192 | 25251 | 1.04 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6846272 | 6964681 | 6896809 | 6902587 | 0.86 | cps |
| Antimony | 121-1 | 2347 | 2440 | 2390 | 2392 | 1.95 | cps |
| Arsenic | 75-2 | 14521 | 14480 | 14397 | 14466 | 0.44 | cps |
| Barium | 135-1 | 571987 | 572308 | 572905 | 572400 | 0.08 | cps |
| Barium | 137-1 | 982294 | 998257 | 1003929 | 994827 | 1.13 | cps |
| Beryllium | 9-1 | 861 | 944 | 778 | 861 | 9.68 | cps |
| Bismuth | 209-1 | 6658445 | 6735596 | 6740133 | 6711391 | 0.68 | cps |
| Bismuth | 209-2 | 4785449 | 3907266 | 4623011 | 4438575 | 10.53 | cps |
| Bromine | 81-1 | 13526 | 13616 | 13937 | 13693 | 1.58 | cps |
| Bromine | 81-2 | 657 | 737 | 700 | 698 | 5.74 | cps |
| Cadmium | 108-1 | 233 | 223 | 243 | 233 | 4.29 | cps |
| Cadmium | 106-1 | 3147 | 3017 | 2974 | 3046 | 2.96 | cps |
| Cadmium | 111-1 | 3483 | 3299 | 3371 | 3384 | 2.74 | cps |
| Calcium | 43-1 | 490198 | 494902 | 491858 | 492319 | 0.48 | cps |
| Calcium | 44-1 | 7586282 | 7519701 | 7513420 | 7539801 | 0.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 457966 | 459603 | 452669 | 456746 | 0.79 | cps |
| Cobalt | 59-2 | 303963 | 304448 | 305698 | 304703 | 0.29 | cps |
| Copper | 63-2 | 663542 | 666082 | 668009 | 665877 | 0.34 | cps |
| Dysprosium | 156-1 | 44286 | 43343 | 43310 | 43646 | 1.27 | cps |
| Dysprosium | 156-2 | 31933 | 32284 | 31876 | 32031 | 0.69 | cps |
| Erbium | 164-1 | 40943 | 41746 | 41732 | 41474 | 1.11 | cps |
| Erbium | 164-2 | 25383 | 25907 | 25527 | 25606 | 1.06 | cps |
| Gadolinium | 160-1 | 43240 | 43537 | 44460 | 43746 | 1.45 | cps |
| Gadolinium | 160-2 | 29204 | 29294 | 29424 | 29307 | 0.38 | cps |
| Holmium | 165-1 | 10881179 | 10840022 | 10774197 | 10831800 | 0.50 | cps |
| Holmium | 165-2 | 6774189 | 5490125 | 6454846 | 6239720 | 10.71 | cps |
| Indium | 115-1 | 8370149 | 8220328 | 8212597 | 8267692 | 1.07 | cps |
| Indium | 115-2 | 2590649 | 2124838 | 2477143 | 2397543 | 10.13 | cps |
| Iron | 56-2 | 205424430 | 202842937 | 204128550 | 204131973 | 0.63 | cps |
| Iron | 57-2 | 5107510 | 5106989 | 5123580 | 5112693 | 0.18 | cps |
| Iron | 54-2 | 11131991 | 11281200 | 11036423 | 11149871 | 1.11 | cps |
| Krypton | 83-1 | 280 | 223 | 283 | 262 | 12.86 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 145691 | 146469 | 148069 | 146743 | 0.83 | cps |
| Lead | 207-1 | 123344 | 128335 | 126546 | 126075 | 2.01 | cps |
| Lead | 208-1 | 568429 | 582455 | 580114 | 576999 | 1.30 | cps |
| Lithium | 6-1 | 1353611 | 1330517 | 1346425 | 1343518 | 0.88 | cps |
| Magnesium | 24-2 | 9029161 | 9169454 | 9081577 | 9093398 | 0.78 | cps |
| Manganese | 55-2 | 5045161 | 5003343 | 4987076 | 5011860 | 0.60 | cps |
| Molybdenum | 94-1 | 43281 | 44404 | 44046 | 43910 | 1.31 | cps |
| Molybdenum | 95-1 | 4057 | 3857 | 4007 | 3974 | 2.62 | cps |
| Molybdenum | 96-1 | 14067 | 14340 | 14300 | 14236 | 1.04 | cps |
| Molybdenum | 97-1 | 2430 | 2524 | 2514 | 2489 | 2.06 | cps |
| Molybdenum | 98-1 | 6015 | 5961 | 6128 | 6035 | 1.41 | cps |
| Neodymium | 150-1 | 69895 | 68653 | 70391 | 69646 | 1.29 | cps |
| Neodymium | 150-2 | 36724 | 36551 | 35983 | 36419 | 1.07 | cps |
| Nickel | 60-2 | 144539 | 143914 | 143314 | 143922 | 0.43 | cps |
| Phosphorus | 31-2 | 23845 | 24667 | 24246 | 24253 | 1.69 | cps |
| Potassium | 39-2 | 2824139 | 2787023 | 2795175 | 2802112 | 0.70 | cps |
| Rhodium | 103-1 | 7594757 | 7436167 | 7430588 | 7487171 | 1.24 | cps |
| Rhodium | 103-2 | 4416199 | 3506860 | 4188834 | 4037297 | 11.72 | cps |
| Scandium | 45-1 | 4644702 | 4535967 | 4542694 | 4574455 | 1.33 | cps |
| Scandium | 45-2 | 409220 | 335502 | 394166 | 379629 | 10.26 | cps |
| Selenium | 82-1 | 481 | 584 | 493 | 519 | 10.88 | cps |
| Selenium | 77-2 | 107 | 133 | 123 | 121 | 11.12 | cps |
| Selenium | 78-2 | 317 | 337 | 353 | 336 | 5.47 | cps |
| Silicon | 28-1 | 19323494 | 19409298 | 19351024 | 19361272 | 0.23 | cps |
| Silver | 107-1 | 1930 | 2154 | 2060 | 2048 | 5.48 | cps |
| Silver | 109-1 | 1767 | 1827 | 1927 | 1840 | 4.39 | cps |
| Sodium | 23-2 | 172606 | 172427 | 170637 | 171890 | 0.63 | cps |
| Strontium | 86-1 | 190455 | 192278 | 192180 | 191638 | 0.54 | cps |
| Strontium | 88-1 | 1746466 | 1746826 | 1711517 | 1734936 | 1.17 | cps |
| Sulfur | 34-1 | 141690 | 135864 | 136311 | 137955 | 2.35 | cps |
| Terbium | 159-1 | 11112904 | 10998928 | 10958708 | 11023513 | 0.73 | cps |
| Terbium | 159-2 | 6669985 | 5367349 | 6451289 | 6162874 | 11.32 | cps |
| Thallium | 203-1 | 1563 | 1610 | 1713 | 1629 | 4.71 | cps |
| Thallium | 205-1 | 3917 | 3894 | 4034 | 3948 | 1.90 | cps |
| Tin | 118-1 | 4431 | 4381 | 4307 | 4373 | 1.42 | cps |
| Titanium | 47-1 | 872698 | 873206 | 866640 | 870848 | 0.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:36:08 | DataFile Name : | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15706 | 15876 | 16026 | 15870 | 1.01 | cps |
| Vanadium | 51-2 | 447904 | 444867 | 444571 | 445781 | 0.41 | cps |
| Yttrium | 89-1 | 14162232 | 14151505 | 13958587 | 14090775 | 0.81 | cps |
| Yttrium | 89-2 | 3428767 | 2758266 | 3268665 | 3151899 | 11.11 | cps |
| Zinc | 66-2 | 94154 | 94064 | 93654 | 93957 | 0.28 | cps |
| Zirconium | 90-1 | 112275 | 112007 | 113692 | 112658 | 0.80 | cps |
| Zirconium | 91-1 | 25282 | 25415 | 25258 | 25319 | 0.33 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6646537 | 6581470 | 6672833 | 6633614 | 0.71 | cps |
| Antimony | 121-1 | 2247 | 2220 | 2284 | 2250 | 1.41 | cps |
| Arsenic | 75-2 | 17437 | 17160 | 17317 | 17305 | 0.80 | cps |
| Barium | 135-1 | 909021 | 911329 | 915591 | 911980 | 0.37 | cps |
| Barium | 137-1 | 1724837 | 1719925 | 1725174 | 1723312 | 0.17 | cps |
| Beryllium | 9-1 | 1872 | 1728 | 1928 | 1843 | 5.60 | cps |
| Bismuth | 209-1 | 6812038 | 6815888 | 6794681 | 6807536 | 0.17 | cps |
| Bismuth | 209-2 | 4783159 | 4829862 | 4837583 | 4816868 | 0.61 | cps |
| Bromine | 81-1 | 16483 | 18308 | 18879 | 17890 | 7.00 | cps |
| Bromine | 81-2 | 1640 | 1643 | 1707 | 1663 | 2.26 | cps |
| Cadmium | 108-1 | 247 | 187 | 237 | 223 | 14.39 | cps |
| Cadmium | 106-1 | 3107 | 3140 | 3160 | 3136 | 0.86 | cps |
| Cadmium | 111-1 | 3922 | 4071 | 3917 | 3970 | 2.20 | cps |
| Calcium | 43-1 | 560200 | 567756 | 565772 | 564576 | 0.69 | cps |
| Calcium | 44-1 | 8613011 | 8699936 | 8716942 | 8676630 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 245979 | 245568 | 245111 | 245553 | 0.18 | cps |
| Cobalt | 59-2 | 230168 | 228097 | 231339 | 229868 | 0.71 | cps |
| Copper | 63-2 | 611186 | 611123 | 606377 | 609562 | 0.45 | cps |
| Dysprosium | 156-1 | 68633 | 69240 | 68399 | 68757 | 0.63 | cps |
| Dysprosium | 156-2 | 51992 | 52668 | 52277 | 52313 | 0.65 | cps |
| Erbium | 164-1 | 59292 | 60962 | 60972 | 60409 | 1.60 | cps |
| Erbium | 164-2 | 37440 | 36795 | 37166 | 37134 | 0.87 | cps |
| Gadolinium | 160-1 | 66523 | 68087 | 68362 | 67658 | 1.47 | cps |
| Gadolinium | 160-2 | 45293 | 44952 | 44664 | 44970 | 0.70 | cps |
| Holmium | 165-1 | 10893494 | 10691197 | 10944717 | 10843136 | 1.24 | cps |
| Holmium | 165-2 | 6756003 | 6757528 | 6753068 | 6755533 | 0.03 | cps |
| Indium | 115-1 | 8236809 | 8143184 | 8147059 | 8175684 | 0.65 | cps |
| Indium | 115-2 | 2617167 | 2595409 | 2611275 | 2607950 | 0.43 | cps |
| Iron | 56-2 | 192959210 | 193718297 | 194266704 | 193648070 | 0.34 | cps |
| Iron | 57-2 | 4816425 | 4799021 | 4886194 | 4833880 | 0.95 | cps |
| Iron | 54-2 | 10647959 | 10500636 | 10508927 | 10552507 | 0.78 | cps |
| Krypton | 83-1 | 243 | 277 | 263 | 261 | 6.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 274894 | 276016 | 280174 | 277028 | 1.00 | cps |
| Lead | 207-1 | 233240 | 235050 | 236820 | 235037 | 0.76 | cps |
| Lead | 208-1 | 1065310 | 1074759 | 1086423 | 1075497 | 0.98 | cps |
| Lithium | 6-1 | 1396467 | 1344163 | 1346739 | 1362456 | 2.16 | cps |
| Magnesium | 24-2 | 6087533 | 6102264 | 6089212 | 6093003 | 0.13 | cps |
| Manganese | 55-2 | 5378505 | 5418126 | 5393440 | 5396690 | 0.37 | cps |
| Molybdenum | 94-1 | 59581 | 61264 | 60638 | 60494 | 1.41 | cps |
| Molybdenum | 95-1 | 4938 | 5264 | 5084 | 5095 | 3.21 | cps |
| Molybdenum | 96-1 | 17657 | 18438 | 17844 | 17980 | 2.27 | cps |
| Molybdenum | 97-1 | 3210 | 3120 | 3100 | 3144 | 1.86 | cps |
| Molybdenum | 98-1 | 7862 | 7856 | 7739 | 7819 | 0.89 | cps |
| Neodymium | 150-1 | 117367 | 119441 | 121602 | 119470 | 1.77 | cps |
| Neodymium | 150-2 | 63184 | 63666 | 62591 | 63147 | 0.85 | cps |
| Nickel | 60-2 | 89213 | 88714 | 88694 | 88874 | 0.33 | cps |
| Phosphorus | 31-2 | 26393 | 26700 | 27458 | 26850 | 2.04 | cps |
| Potassium | 39-2 | 4200023 | 4158993 | 4173016 | 4177344 | 0.50 | cps |
| Rhodium | 103-1 | 7430483 | 7431150 | 7402428 | 7421354 | 0.22 | cps |
| Rhodium | 103-2 | 4386741 | 4405742 | 4412357 | 4401614 | 0.30 | cps |
| Scandium | 45-1 | 4535519 | 4514288 | 4536136 | 4528647 | 0.27 | cps |
| Scandium | 45-2 | 408494 | 410731 | 408604 | 409277 | 0.31 | cps |
| Selenium | 82-1 | 562 | 555 | 622 | 580 | 6.33 | cps |
| Selenium | 77-2 | 177 | 223 | 240 | 213 | 15.39 | cps |
| Selenium | 78-2 | 417 | 393 | 453 | 421 | 7.18 | cps |
| Silicon | 28-1 | 21916941 | 22390307 | 22147145 | 22151464 | 1.07 | cps |
| Silver | 107-1 | 2980 | 2934 | 3000 | 2971 | 1.15 | cps |
| Silver | 109-1 | 2767 | 2690 | 2730 | 2729 | 1.41 | cps |
| Sodium | 23-2 | 188381 | 187574 | 189366 | 188440 | 0.48 | cps |
| Strontium | 86-1 | 264811 | 268843 | 271397 | 268351 | 1.24 | cps |
| Strontium | 88-1 | 2388995 | 2438531 | 2444084 | 2423870 | 1.25 | cps |
| Sulfur | 34-1 | 139338 | 138743 | 137616 | 138566 | 0.63 | cps |
| Terbium | 159-1 | 11170099 | 10998459 | 10897476 | 11022011 | 1.25 | cps |
| Terbium | 159-2 | 6798569 | 6848009 | 6773728 | 6806769 | 0.56 | cps |
| Thallium | 203-1 | 2807 | 2867 | 2834 | 2836 | 1.06 | cps |
| Thallium | 205-1 | 6718 | 6685 | 6955 | 6786 | 2.17 | cps |
| Tin | 118-1 | 5148 | 5141 | 5448 | 5245 | 3.34 | cps |
| Titanium | 47-1 | 1024251 | 1034236 | 1037929 | 1032139 | 0.69 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:39:15 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 29570 | 29028 | 30121 | 29573 | 1.85 | cps |
| Vanadium | 51-2 | 388576 | 385135 | 386462 | 386724 | 0.45 | cps |
| Yttrium | 89-1 | 14162297 | 14001461 | 14028833 | 14064197 | 0.61 | cps |
| Yttrium | 89-2 | 3440488 | 3456562 | 3403368 | 3433473 | 0.79 | cps |
| Zinc | 66-2 | 123264 | 123045 | 122827 | 123045 | 0.18 | cps |
| Zirconium | 90-1 | 156480 | 156925 | 156999 | 156801 | 0.18 | cps |
| Zirconium | 91-1 | 34624 | 34721 | 35092 | 34812 | 0.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1854 | 1463 | 1437 | 1585 | 14.73 | cps |
| Antimony | 121-1 | 163 | 143 | 140 | 149 | 8.48 | cps |
| Arsenic | 75-2 | 10 | 13 | 30 | 18 | 60.28 | cps |
| Barium | 135-1 | 350 | 393 | 400 | 381 | 7.12 | cps |
| Barium | 137-1 | 747 | 613 | 640 | 667 | 10.58 | cps |
| Beryllium | 9-1 | 28 | 33 | 11 | 24 | 48.04 | cps |
| Bismuth | 209-1 | 6712390 | 6780321 | 6566311 | 6686340 | 1.64 | cps |
| Bismuth | 209-2 | 4727050 | 4799871 | 4751608 | 4759510 | 0.78 | cps |
| Bromine | 81-1 | 11178 | 11531 | 11631 | 11447 | 2.08 | cps |
| Bromine | 81-2 | 83 | 87 | 77 | 82 | 6.19 | cps |
| Cadmium | 108-1 | 7 | 13 | 17 | 12 | 41.65 | cps |
| Cadmium | 106-1 | 2497 | 2237 | 2407 | 2380 | 5.55 | cps |
| Cadmium | 111-1 | 1776 | 1570 | 1686 | 1678 | 6.18 | cps |
| Calcium | 43-1 | 367 | 293 | 423 | 361 | 18.05 | cps |
| Calcium | 44-1 | 13316 | 12869 | 13383 | 13190 | 2.12 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 660 | 703 | 720 | 694 | 4.46 | cps |
| Cobalt | 59-2 | 177 | 197 | 163 | 179 | 9.38 | cps |
| Copper | 63-2 | 1143 | 1163 | 1030 | 1112 | 6.47 | cps |
| Dysprosium | 156-1 | 27 | 20 | 33 | 27 | 24.99 | cps |
| Dysprosium | 156-2 | 23 | 10 | 17 | 17 | 39.99 | cps |
| Erbium | 164-1 | 117 | 57 | 70 | 81 | 38.84 | cps |
| Erbium | 164-2 | 43 | 40 | 43 | 42 | 4.55 | cps |
| Gadolinium | 160-1 | 60 | 50 | 37 | 49 | 23.94 | cps |
| Gadolinium | 160-2 | 250 | 277 | 297 | 274 | 8.53 | cps |
| Holmium | 165-1 | 10449803 | 10657609 | 10437355 | 10514922 | 1.18 | cps |
| Holmium | 165-2 | 6514418 | 6570082 | 6510777 | 6531759 | 0.51 | cps |
| Indium | 115-1 | 8277497 | 8359429 | 8105639 | 8247522 | 1.57 | cps |
| Indium | 115-2 | 2594548 | 2642684 | 2616820 | 2618017 | 0.92 | cps |
| Iron | 56-2 | 67682 | 65033 | 65194 | 65970 | 2.25 | cps |
| Iron | 57-2 | 2507 | 2587 | 2594 | 2562 | 1.88 | cps |
| Iron | 54-2 | 4657 | 4587 | 4591 | 4612 | 0.86 | cps |
| Krypton | 83-1 | 183 | 137 | 187 | 169 | 16.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 803 | 747 | 780 | 777 | 3.67 | cps |
| Lead | 207-1 | 740 | 600 | 703 | 681 | 10.66 | cps |
| Lead | 208-1 | 3264 | 3144 | 2997 | 3135 | 4.26 | cps |
| Lithium | 6-1 | 1342399 | 1319703 | 1305958 | 1322687 | 1.39 | cps |
| Magnesium | 24-2 | 2847 | 2537 | 2490 | 2625 | 7.39 | cps |
| Manganese | 55-2 | 1560 | 1473 | 1427 | 1487 | 4.55 | cps |
| Molybdenum | 94-1 | 417 | 403 | 377 | 399 | 5.11 | cps |
| Molybdenum | 95-1 | 343 | 283 | 330 | 319 | 9.88 | cps |
| Molybdenum | 96-1 | 487 | 400 | 380 | 422 | 13.43 | cps |
| Molybdenum | 97-1 | 197 | 180 | 207 | 194 | 6.93 | cps |
| Molybdenum | 98-1 | 517 | 533 | 533 | 528 | 1.82 | cps |
| Neodymium | 150-1 | 33 | 40 | 23 | 32 | 26.04 | cps |
| Neodymium | 150-2 | 23 | 10 | 17 | 17 | 39.99 | cps |
| Nickel | 60-2 | 187 | 140 | 177 | 168 | 14.65 | cps |
| Phosphorus | 31-2 | 167 | 170 | 140 | 159 | 10.35 | cps |
| Potassium | 39-2 | 45073 | 45474 | 44863 | 45137 | 0.69 | cps |
| Rhodium | 103-1 | 7705255 | 7627934 | 7584405 | 7639198 | 0.80 | cps |
| Rhodium | 103-2 | 4416094 | 4478203 | 4521960 | 4472086 | 1.19 | cps |
| Scandium | 45-1 | 4410977 | 4446993 | 4382724 | 4413564 | 0.73 | cps |
| Scandium | 45-2 | 387102 | 389942 | 388828 | 388624 | 0.37 | cps |
| Selenium | 82-1 | 427 | 451 | 438 | 439 | 2.79 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 227 | 247 | 283 | 252 | 11.39 | cps |
| Silicon | 28-1 | 198047 | 198628 | 201724 | 199467 | 0.99 | cps |
| Silver | 107-1 | 153 | 163 | 163 | 160 | 3.61 | cps |
| Silver | 109-1 | 107 | 143 | 157 | 136 | 19.10 | cps |
| Sodium | 23-2 | 16529 | 16422 | 16596 | 16516 | 0.53 | cps |
| Strontium | 86-1 | 747 | 780 | 717 | 748 | 4.24 | cps |
| Strontium | 88-1 | 4031 | 3924 | 3897 | 3951 | 1.79 | cps |
| Sulfur | 34-1 | 127638 | 129348 | 129920 | 128969 | 0.92 | cps |
| Terbium | 159-1 | 10983212 | 10844900 | 10816247 | 10881453 | 0.82 | cps |
| Terbium | 159-2 | 6549042 | 6578541 | 6523637 | 6550406 | 0.42 | cps |
| Thallium | 203-1 | 207 | 223 | 220 | 217 | 4.07 | cps |
| Thallium | 205-1 | 473 | 583 | 560 | 539 | 10.76 | cps |
| Tin | 118-1 | 1540 | 1583 | 1623 | 1582 | 2.63 | cps |
| Titanium | 47-1 | 377 | 330 | 307 | 338 | 10.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:48:20 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 200 | 153 | 127 | 160 | 23.20 | cps |
| Vanadium | 51-2 | 157 | 97 | 210 | 154 | 36.71 | cps |
| Yttrium | 89-1 | 13403536 | 13241984 | 13251227 | 13298916 | 0.68 | cps |
| Yttrium | 89-2 | 3212928 | 3149057 | 3189992 | 3183992 | 1.02 | cps |
| Zinc | 66-2 | 587 | 533 | 527 | 549 | 5.99 | cps |
| Zirconium | 90-1 | 550 | 557 | 557 | 554 | 0.69 | cps |
| Zirconium | 91-1 | 103 | 147 | 80 | 110 | 30.76 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9756 | 9673 | 10003 | 9811 | 1.75 | cps |
| Antimony | 121-1 | 36877 | 36974 | 37335 | 37062 | 0.65 | cps |
| Arsenic | 75-2 | 967 | 990 | 973 | 977 | 1.23 | cps |
| Barium | 135-1 | 47255 | 46977 | 47917 | 47383 | 1.02 | cps |
| Barium | 137-1 | 81244 | 81787 | 82507 | 81846 | 0.77 | cps |
| Beryllium | 9-1 | 2867 | 2828 | 2678 | 2791 | 3.57 | cps |
| Bismuth | 209-1 | 6552762 | 6619215 | 6519817 | 6563931 | 0.77 | cps |
| Bismuth | 209-2 | 4697601 | 4693273 | 4657080 | 4682651 | 0.48 | cps |
| Bromine | 81-1 | 10864 | 11011 | 10854 | 10910 | 0.80 | cps |
| Bromine | 81-2 | 127 | 73 | 67 | 89 | 37.00 | cps |
| Cadmium | 108-1 | 383 | 267 | 373 | 341 | 18.96 | cps |
| Cadmium | 106-1 | 3070 | 2830 | 2750 | 2884 | 5.78 | cps |
| Cadmium | 111-1 | 6285 | 6162 | 6018 | 6155 | 2.17 | cps |
| Calcium | 43-1 | 24814 | 25508 | 25682 | 25335 | 1.81 | cps |
| Calcium | 44-1 | 418997 | 420778 | 424330 | 421368 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17096 | 17016 | 17116 | 17076 | 0.31 | cps |
| Cobalt | 59-2 | 12425 | 12999 | 12449 | 12624 | 2.57 | cps |
| Copper | 63-2 | 18985 | 18809 | 18431 | 18742 | 1.51 | cps |
| Dysprosium | 156-1 | 50 | 43 | 33 | 42 | 19.87 | cps |
| Dysprosium | 156-2 | 17 | 17 | 7 | 13 | 43.29 | cps |
| Erbium | 164-1 | 83 | 53 | 100 | 79 | 29.98 | cps |
| Erbium | 164-2 | 67 | 43 | 37 | 49 | 32.22 | cps |
| Gadolinium | 160-1 | 57 | 90 | 37 | 61 | 44.08 | cps |
| Gadolinium | 160-2 | 230 | 290 | 303 | 274 | 14.23 | cps |
| Holmium | 165-1 | 10550932 | 10383559 | 10302217 | 10412236 | 1.22 | cps |
| Holmium | 165-2 | 6465998 | 6419884 | 6372952 | 6419611 | 0.72 | cps |
| Indium | 115-1 | 8162361 | 8191475 | 8094906 | 8149581 | 0.61 | cps |
| Indium | 115-2 | 2598160 | 2530471 | 2540790 | 2556474 | 1.43 | cps |
| Iron | 56-2 | 1467148 | 1462466 | 1446116 | 1458577 | 0.76 | cps |
| Iron | 57-2 | 38215 | 38432 | 38305 | 38318 | 0.28 | cps |
| Iron | 54-2 | 83811 | 82883 | 82876 | 83190 | 0.65 | cps |
| Krypton | 83-1 | 183 | 220 | 187 | 197 | 10.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14324 | 14688 | 14304 | 14439 | 1.50 | cps |
| Lead | 207-1 | 12462 | 12666 | 12823 | 12650 | 1.43 | cps |
| Lead | 208-1 | 57027 | 58045 | 57935 | 57669 | 0.97 | cps |
| Lithium | 6-1 | 1305355 | 1304800 | 1291589 | 1300581 | 0.60 | cps |
| Magnesium | 24-2 | 385247 | 384441 | 381551 | 383747 | 0.51 | cps |
| Manganese | 55-2 | 6962 | 7195 | 6922 | 7026 | 2.10 | cps |
| Molybdenum | 94-1 | 39483 | 39864 | 39757 | 39701 | 0.49 | cps |
| Molybdenum | 95-1 | 47450 | 47761 | 47156 | 47455 | 0.64 | cps |
| Molybdenum | 96-1 | 53173 | 53056 | 54096 | 53442 | 1.07 | cps |
| Molybdenum | 97-1 | 29727 | 29633 | 29804 | 29721 | 0.29 | cps |
| Molybdenum | 98-1 | 76660 | 77219 | 77320 | 77066 | 0.46 | cps |
| Neodymium | 150-1 | 37 | 20 | 13 | 23 | 51.52 | cps |
| Neodymium | 150-2 | 13 | 13 | 13 | 13 | 0.00 | cps |
| Nickel | 60-2 | 3367 | 3257 | 3237 | 3287 | 2.13 | cps |
| Phosphorus | 31-2 | 160 | 183 | 147 | 163 | 11.36 | cps |
| Potassium | 39-2 | 502662 | 496877 | 495535 | 498358 | 0.76 | cps |
| Rhodium | 103-1 | 7571176 | 7608494 | 7550438 | 7576703 | 0.39 | cps |
| Rhodium | 103-2 | 4449675 | 4346510 | 4380443 | 4392209 | 1.20 | cps |
| Scandium | 45-1 | 4386634 | 4358662 | 4363988 | 4369761 | 0.34 | cps |
| Scandium | 45-2 | 389108 | 387399 | 385512 | 387340 | 0.46 | cps |
| Selenium | 82-1 | 1879 | 1843 | 2007 | 1910 | 4.53 | cps |
| Selenium | 77-2 | 150 | 120 | 140 | 137 | 11.18 | cps |
| Selenium | 78-2 | 710 | 720 | 703 | 711 | 1.18 | cps |
| Silicon | 28-1 | 285445 | 289425 | 291348 | 288739 | 1.04 | cps |
| Silver | 107-1 | 22207 | 22781 | 22684 | 22558 | 1.36 | cps |
| Silver | 109-1 | 21289 | 21499 | 22197 | 21662 | 2.19 | cps |
| Sodium | 23-2 | 625578 | 623943 | 620241 | 623254 | 0.44 | cps |
| Strontium | 86-1 | 7132 | 6848 | 6945 | 6975 | 2.07 | cps |
| Strontium | 88-1 | 57442 | 56133 | 57967 | 57181 | 1.65 | cps |
| Sulfur | 34-1 | 135783 | 138279 | 142588 | 138883 | 2.48 | cps |
| Terbium | 159-1 | 10716146 | 10709838 | 10704279 | 10710088 | 0.06 | cps |
| Terbium | 159-2 | 6441525 | 6442520 | 6451345 | 6445130 | 0.08 | cps |
| Thallium | 203-1 | 16764 | 17244 | 16907 | 16972 | 1.45 | cps |
| Thallium | 205-1 | 40015 | 39902 | 40203 | 40040 | 0.38 | cps |
| Tin | 118-1 | 1720 | 1633 | 1833 | 1729 | 5.80 | cps |
| Titanium | 47-1 | 12082 | 12479 | 12509 | 12356 | 1.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:52:15 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50482 | 49174 | 51720 | 50459 | 2.52 | cps |
| Vanadium | 51-2 | 34630 | 34767 | 34286 | 34561 | 0.72 | cps |
| Yttrium | 89-1 | 13125278 | 13040100 | 12990591 | 13051990 | 0.52 | cps |
| Yttrium | 89-2 | 3220150 | 3188688 | 3214412 | 3207750 | 0.52 | cps |
| Zinc | 66-2 | 7929 | 7622 | 7449 | 7666 | 3.17 | cps |
| Zirconium | 90-1 | 33772 | 33097 | 33565 | 33478 | 1.03 | cps |
| Zirconium | 91-1 | 7469 | 7595 | 7529 | 7531 | 0.84 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5651 | 5694 | 5671 | 5672 | 0.38 | cps |
| Antimony | 121-1 | 18686 | 18626 | 18853 | 18721 | 0.63 | cps |
| Arsenic | 75-2 | 597 | 540 | 530 | 556 | 6.47 | cps |
| Barium | 135-1 | 24264 | 23686 | 23666 | 23872 | 1.42 | cps |
| Barium | 137-1 | 40233 | 40972 | 41293 | 40833 | 1.33 | cps |
| Beryllium | 9-1 | 1395 | 1256 | 1361 | 1337 | 5.42 | cps |
| Bismuth | 209-1 | 6620838 | 6582502 | 6622732 | 6608691 | 0.34 | cps |
| Bismuth | 209-2 | 4761890 | 4647569 | 4809154 | 4739538 | 1.75 | cps |
| Bromine | 81-1 | 10947 | 10607 | 10724 | 10760 | 1.61 | cps |
| Bromine | 81-2 | 77 | 67 | 90 | 78 | 15.05 | cps |
| Cadmium | 108-1 | 143 | 183 | 177 | 168 | 12.77 | cps |
| Cadmium | 106-1 | 2767 | 2687 | 2874 | 2776 | 3.37 | cps |
| Cadmium | 111-1 | 4043 | 3929 | 4221 | 4065 | 3.62 | cps |
| Calcium | 43-1 | 12705 | 13356 | 12912 | 12991 | 2.56 | cps |
| Calcium | 44-1 | 214997 | 218375 | 217983 | 217118 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8829 | 8502 | 8656 | 8663 | 1.89 | cps |
| Cobalt | 59-2 | 6228 | 6351 | 6518 | 6366 | 2.29 | cps |
| Copper | 63-2 | 9730 | 10437 | 10290 | 10152 | 3.68 | cps |
| Dysprosium | 156-1 | 33 | 13 | 33 | 27 | 43.31 | cps |
| Dysprosium | 156-2 | 20 | 13 | 3 | 12 | 68.66 | cps |
| Erbium | 164-1 | 90 | 70 | 73 | 78 | 13.78 | cps |
| Erbium | 164-2 | 57 | 37 | 43 | 46 | 22.36 | cps |
| Gadolinium | 160-1 | 40 | 50 | 77 | 56 | 34.12 | cps |
| Gadolinium | 160-2 | 270 | 267 | 250 | 262 | 4.09 | cps |
| Holmium | 165-1 | 10345985 | 10320594 | 10569824 | 10412134 | 1.32 | cps |
| Holmium | 165-2 | 6496861 | 6400574 | 6585618 | 6494351 | 1.43 | cps |
| Indium | 115-1 | 8115253 | 8201853 | 8199943 | 8172349 | 0.61 | cps |
| Indium | 115-2 | 2580612 | 2540357 | 2571821 | 2564263 | 0.83 | cps |
| Iron | 56-2 | 770865 | 772152 | 766229 | 769749 | 0.40 | cps |
| Iron | 57-2 | 20351 | 20531 | 20477 | 20453 | 0.45 | cps |
| Iron | 54-2 | 44064 | 43349 | 43526 | 43646 | 0.85 | cps |
| Krypton | 83-1 | 223 | 137 | 193 | 184 | 23.86 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7272 | 7315 | 7709 | 7432 | 3.24 | cps |
| Lead | 207-1 | 6552 | 6362 | 6532 | 6482 | 1.61 | cps |
| Lead | 208-1 | 29756 | 29469 | 30310 | 29845 | 1.43 | cps |
| Lithium | 6-1 | 1303355 | 1267131 | 1294671 | 1288386 | 1.47 | cps |
| Magnesium | 24-2 | 190197 | 190741 | 191415 | 190784 | 0.32 | cps |
| Manganese | 55-2 | 4311 | 4364 | 4091 | 4255 | 3.41 | cps |
| Molybdenum | 94-1 | 19446 | 19927 | 19814 | 19729 | 1.27 | cps |
| Molybdenum | 95-1 | 23693 | 24033 | 24684 | 24137 | 2.09 | cps |
| Molybdenum | 96-1 | 26320 | 27012 | 26684 | 26672 | 1.30 | cps |
| Molybdenum | 97-1 | 14778 | 15141 | 14874 | 14931 | 1.26 | cps |
| Molybdenum | 98-1 | 38651 | 38755 | 38420 | 38609 | 0.44 | cps |
| Neodymium | 150-1 | 30 | 17 | 20 | 22 | 31.22 | cps |
| Neodymium | 150-2 | 13 | 17 | 7 | 12 | 41.65 | cps |
| Nickel | 60-2 | 1833 | 1753 | 1887 | 1825 | 3.68 | cps |
| Phosphorus | 31-2 | 153 | 193 | 143 | 163 | 16.20 | cps |
| Potassium | 39-2 | 272030 | 271965 | 269218 | 271071 | 0.59 | cps |
| Rhodium | 103-1 | 7655532 | 7604687 | 7630075 | 7630098 | 0.33 | cps |
| Rhodium | 103-2 | 4403707 | 4430235 | 4411287 | 4415076 | 0.31 | cps |
| Scandium | 45-1 | 4407515 | 4393795 | 4442144 | 4414485 | 0.56 | cps |
| Scandium | 45-2 | 393092 | 391958 | 391889 | 392313 | 0.17 | cps |
| Selenium | 82-1 | 1134 | 1191 | 1171 | 1165 | 2.49 | cps |
| Selenium | 77-2 | 93 | 63 | 43 | 67 | 37.75 | cps |
| Selenium | 78-2 | 530 | 467 | 497 | 498 | 6.36 | cps |
| Silicon | 28-1 | 247701 | 249949 | 248924 | 248858 | 0.45 | cps |
| Silver | 107-1 | 11158 | 11511 | 11101 | 11257 | 1.98 | cps |
| Silver | 109-1 | 10410 | 10954 | 10914 | 10760 | 2.82 | cps |
| Sodium | 23-2 | 318970 | 318876 | 318199 | 318682 | 0.13 | cps |
| Strontium | 86-1 | 3677 | 3747 | 3837 | 3754 | 2.14 | cps |
| Strontium | 88-1 | 30802 | 30482 | 30862 | 30715 | 0.67 | cps |
| Sulfur | 34-1 | 143567 | 146181 | 147554 | 145767 | 1.39 | cps |
| Terbium | 159-1 | 10700937 | 10625961 | 10676020 | 10667639 | 0.36 | cps |
| Terbium | 159-2 | 6496786 | 6561454 | 6476225 | 6511488 | 0.68 | cps |
| Thallium | 203-1 | 8143 | 8113 | 8173 | 8143 | 0.37 | cps |
| Thallium | 205-1 | 19684 | 20035 | 20075 | 19931 | 1.08 | cps |
| Tin | 118-1 | 1577 | 1660 | 4732 | 2656 | 67.70 | cps |
| Titanium | 47-1 | 6085 | 6281 | 6325 | 6230 | 2.05 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164572BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD572 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:55:31 | DataFile Name : | 065LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25167 | 25535 | 25020 | 25241 | 1.05 | cps |
| Vanadium | 51-2 | 17540 | 17484 | 17454 | 17492 | 0.25 | cps |
| Yttrium | 89-1 | 13309686 | 13349072 | 13375465 | 13344741 | 0.25 | cps |
| Yttrium | 89-2 | 3219498 | 3226264 | 3199610 | 3215124 | 0.43 | cps |
| Zinc | 66-2 | 3924 | 4014 | 4107 | 4015 | 2.28 | cps |
| Zirconium | 90-1 | 16856 | 16506 | 17073 | 16812 | 1.70 | cps |
| Zirconium | 91-1 | 3791 | 3687 | 3877 | 3785 | 2.51 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4552061 | 4602516 | 4564263 | 4572947 | 0.58 | cps |
| Antimony | 121-1 | 2137 | 2220 | 2454 | 2270 | 7.23 | cps |
| Arsenic | 75-2 | 10074 | 9847 | 9870 | 9930 | 1.26 | cps |
| Barium | 135-1 | 552251 | 557909 | 562271 | 557477 | 0.90 | cps |
| Barium | 137-1 | 966755 | 972437 | 969758 | 969650 | 0.29 | cps |
| Beryllium | 9-1 | 1078 | 1250 | 1139 | 1156 | 7.56 | cps |
| Bismuth | 209-1 | 6597883 | 6699008 | 6260541 | 6519144 | 3.52 | cps |
| Bismuth | 209-2 | 4780995 | 4769424 | 4773565 | 4774661 | 0.12 | cps |
| Bromine | 81-1 | 14564 | 14844 | 15408 | 14939 | 2.88 | cps |
| Bromine | 81-2 | 977 | 973 | 960 | 970 | 0.91 | cps |
| Cadmium | 108-1 | 177 | 197 | 167 | 180 | 8.49 | cps |
| Cadmium | 106-1 | 3147 | 3074 | 2727 | 2983 | 7.52 | cps |
| Cadmium | 111-1 | 3143 | 3004 | 2792 | 2980 | 5.92 | cps |
| Calcium | 43-1 | 548564 | 554518 | 554677 | 552587 | 0.63 | cps |
| Calcium | 44-1 | 8427303 | 8424642 | 8412269 | 8421405 | 0.10 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 190788 | 191408 | 192138 | 191445 | 0.35 | cps |
| Cobalt | 59-2 | 168713 | 168275 | 169215 | 168735 | 0.28 | cps |
| Copper | 63-2 | 321778 | 321880 | 322815 | 322157 | 0.18 | cps |
| Dysprosium | 156-1 | 47804 | 49416 | 48443 | 48555 | 1.67 | cps |
| Dysprosium | 156-2 | 37169 | 37126 | 37657 | 37317 | 0.79 | cps |
| Erbium | 164-1 | 42267 | 42608 | 43330 | 42735 | 1.27 | cps |
| Erbium | 164-2 | 26742 | 26625 | 26221 | 26530 | 1.03 | cps |
| Gadolinium | 160-1 | 46049 | 47152 | 47651 | 46951 | 1.75 | cps |
| Gadolinium | 160-2 | 30857 | 31546 | 31773 | 31392 | 1.52 | cps |
| Holmium | 165-1 | 10723471 | 10710222 | 10162295 | 10531996 | 3.04 | cps |
| Holmium | 165-2 | 6658820 | 6786161 | 6701064 | 6715348 | 0.97 | cps |
| Indium | 115-1 | 8154410 | 8170811 | 7778458 | 8034560 | 2.76 | cps |
| Indium | 115-2 | 2557045 | 2599819 | 2606219 | 2587694 | 1.03 | cps |
| Iron | 56-2 | 153659408 | 152082911 | 150658318 | 152133546 | 0.99 | cps |
| Iron | 57-2 | 3788464 | 3761323 | 3796852 | 3782213 | 0.49 | cps |
| Iron | 54-2 | 8380112 | 8348742 | 8243407 | 8324087 | 0.86 | cps |
| Krypton | 83-1 | 217 | 233 | 280 | 243 | 13.49 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 168828 | 170527 | 171727 | 170361 | 0.86 | cps |
| Lead | 207-1 | 141239 | 142613 | 142407 | 142086 | 0.52 | cps |
| Lead | 208-1 | 647861 | 660315 | 658213 | 655463 | 1.02 | cps |
| Lithium | 6-1 | 1335555 | 1305397 | 1280745 | 1307232 | 2.10 | cps |
| Magnesium | 24-2 | 6188436 | 6233188 | 6213942 | 6211855 | 0.36 | cps |
| Manganese | 55-2 | 3810762 | 3785148 | 3697889 | 3764600 | 1.57 | cps |
| Molybdenum | 94-1 | 48316 | 48075 | 47948 | 48113 | 0.39 | cps |
| Molybdenum | 95-1 | 2827 | 3007 | 3167 | 3000 | 5.67 | cps |
| Molybdenum | 96-1 | 12859 | 13496 | 13183 | 13179 | 2.42 | cps |
| Molybdenum | 97-1 | 1723 | 1807 | 1747 | 1759 | 2.44 | cps |
| Molybdenum | 98-1 | 4504 | 4884 | 4444 | 4611 | 5.18 | cps |
| Neodymium | 150-1 | 83429 | 84548 | 85074 | 84350 | 1.00 | cps |
| Neodymium | 150-2 | 43597 | 44711 | 44938 | 44415 | 1.62 | cps |
| Nickel | 60-2 | 77640 | 77033 | 79282 | 77985 | 1.49 | cps |
| Phosphorus | 31-2 | 25064 | 25034 | 23949 | 24682 | 2.57 | cps |
| Potassium | 39-2 | 2117058 | 2116654 | 2079051 | 2104254 | 1.04 | cps |
| Rhodium | 103-1 | 7563965 | 7553929 | 7089987 | 7402627 | 3.66 | cps |
| Rhodium | 103-2 | 4304104 | 4439622 | 4388110 | 4377279 | 1.56 | cps |
| Scandium | 45-1 | 4540228 | 4564948 | 4305535 | 4470237 | 3.20 | cps |
| Scandium | 45-2 | 402344 | 404442 | 402194 | 402993 | 0.31 | cps |
| Selenium | 82-1 | 572 | 535 | 481 | 529 | 8.71 | cps |
| Selenium | 77-2 | 140 | 167 | 200 | 169 | 17.80 | cps |
| Selenium | 78-2 | 343 | 373 | 320 | 346 | 7.74 | cps |
| Silicon | 28-1 | 21932286 | 22264334 | 22045115 | 22080578 | 0.76 | cps |
| Silver | 107-1 | 1233 | 1303 | 1257 | 1265 | 2.82 | cps |
| Silver | 109-1 | 1077 | 1263 | 1147 | 1162 | 8.11 | cps |
| Sodium | 23-2 | 201684 | 200369 | 199864 | 200639 | 0.47 | cps |
| Strontium | 86-1 | 204942 | 208370 | 207379 | 206897 | 0.85 | cps |
| Strontium | 88-1 | 1896603 | 1872137 | 1872031 | 1880257 | 0.75 | cps |
| Sulfur | 34-1 | 149897 | 144987 | 142124 | 145669 | 2.70 | cps |
| Terbium | 159-1 | 11007340 | 10863639 | 10486936 | 10785972 | 2.49 | cps |
| Terbium | 159-2 | 6668013 | 6763175 | 6600754 | 6677314 | 1.22 | cps |
| Thallium | 203-1 | 1513 | 1770 | 1530 | 1605 | 8.95 | cps |
| Thallium | 205-1 | 3721 | 3861 | 3687 | 3756 | 2.45 | cps |
| Tin | 118-1 | 4374 | 12303 | 4664 | 7114 | 63.21 | cps |
| Titanium | 47-1 | 845892 | 853630 | 853990 | 851171 | 0.54 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 20:58:46 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18580 | 19070 | 18750 | 18800 | 1.33 | cps |
| Vanadium | 51-2 | 317656 | 315237 | 315404 | 316099 | 0.43 | cps |
| Yttrium | 89-1 | 13846006 | 13972558 | 13193861 | 13670808 | 3.06 | cps |
| Yttrium | 89-2 | 3366868 | 3413753 | 3315240 | 3365287 | 1.46 | cps |
| Zinc | 66-2 | 96895 | 97788 | 97717 | 97466 | 0.51 | cps |
| Zirconium | 90-1 | 124062 | 126603 | 128248 | 126304 | 1.67 | cps |
| Zirconium | 91-1 | 27970 | 29002 | 28371 | 28448 | 1.83 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6800666 | 6795818 | 6708417 | 6768300 | 0.77 | cps |
| Antimony | 121-1 | 2104 | 2207 | 2120 | 2144 | 2.59 | cps |
| Arsenic | 75-2 | 16009 | 16890 | 16673 | 16524 | 2.78 | cps |
| Barium | 135-1 | 1024838 | 1050872 | 1059318 | 1045010 | 1.72 | cps |
| Barium | 137-1 | 1930996 | 1972495 | 1965567 | 1956353 | 1.14 | cps |
| Beryllium | 9-1 | 1633 | 1939 | 1972 | 1848 | 10.11 | cps |
| Bismuth | 209-1 | 6905567 | 6700840 | 6802673 | 6803026 | 1.50 | cps |
| Bismuth | 209-2 | 4862911 | 4940352 | 4865554 | 4889606 | 0.90 | cps |
| Bromine | 81-1 | 17681 | 19046 | 19850 | 18859 | 5.82 | cps |
| Bromine | 81-2 | 1930 | 2013 | 1980 | 1975 | 2.12 | cps |
| Cadmium | 108-1 | 183 | 220 | 243 | 216 | 14.03 | cps |
| Cadmium | 106-1 | 3177 | 3230 | 3224 | 3210 | 0.91 | cps |
| Cadmium | 111-1 | 3976 | 4061 | 3876 | 3971 | 2.32 | cps |
| Calcium | 43-1 | 757965 | 770234 | 774861 | 767687 | 1.14 | cps |
| Calcium | 44-1 | 11467427 | 11758592 | 11773843 | 11666621 | 1.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 254323 | 254060 | 255592 | 254658 | 0.32 | cps |
| Cobalt | 59-2 | 241297 | 241555 | 239978 | 240943 | 0.35 | cps |
| Copper | 63-2 | 650022 | 653145 | 649682 | 650950 | 0.29 | cps |
| Dysprosium | 156-1 | 73387 | 74892 | 75096 | 74458 | 1.25 | cps |
| Dysprosium | 156-2 | 55318 | 56921 | 56239 | 56159 | 1.43 | cps |
| Erbium | 164-1 | 63959 | 64669 | 66069 | 64899 | 1.65 | cps |
| Erbium | 164-2 | 41254 | 40027 | 40953 | 40745 | 1.57 | cps |
| Gadolinium | 160-1 | 70342 | 72483 | 72004 | 71609 | 1.57 | cps |
| Gadolinium | 160-2 | 48657 | 48316 | 47962 | 48312 | 0.72 | cps |
| Holmium | 165-1 | 11141752 | 10839870 | 10963379 | 10981667 | 1.38 | cps |
| Holmium | 165-2 | 6928886 | 6850823 | 6795921 | 6858543 | 0.97 | cps |
| Indium | 115-1 | 8140946 | 8203746 | 8247412 | 8197368 | 0.65 | cps |
| Indium | 115-2 | 2630852 | 2604332 | 2571083 | 2602089 | 1.15 | cps |
| Iron | 56-2 | 199913077 | 201141784 | 199499190 | 200184684 | 0.43 | cps |
| Iron | 57-2 | 4935079 | 4889200 | 4957666 | 4927315 | 0.71 | cps |
| Iron | 54-2 | 10876078 | 10838821 | 10872868 | 10862589 | 0.19 | cps |
| Krypton | 83-1 | 243 | 210 | 227 | 227 | 7.35 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 287843 | 291205 | 295265 | 291438 | 1.28 | cps |
| Lead | 207-1 | 240782 | 249085 | 247636 | 245834 | 1.80 | cps |
| Lead | 208-1 | 1116490 | 1135463 | 1143290 | 1131748 | 1.22 | cps |
| Lithium | 6-1 | 1389389 | 1395352 | 1364065 | 1382936 | 1.20 | cps |
| Magnesium | 24-2 | 6771588 | 6711559 | 6698025 | 6727057 | 0.58 | cps |
| Manganese | 55-2 | 6512087 | 6507862 | 6503683 | 6507877 | 0.06 | cps |
| Molybdenum | 94-1 | 48219 | 48948 | 49483 | 48883 | 1.30 | cps |
| Molybdenum | 95-1 | 5701 | 5678 | 5781 | 5720 | 0.95 | cps |
| Molybdenum | 96-1 | 16349 | 16770 | 16363 | 16494 | 1.45 | cps |
| Molybdenum | 97-1 | 3487 | 3474 | 3550 | 3504 | 1.17 | cps |
| Molybdenum | 98-1 | 8446 | 8626 | 8689 | 8587 | 1.47 | cps |
| Neodymium | 150-1 | 125724 | 127262 | 127793 | 126926 | 0.85 | cps |
| Neodymium | 150-2 | 67939 | 67849 | 67062 | 67617 | 0.71 | cps |
| Nickel | 60-2 | 92107 | 91329 | 90320 | 91252 | 0.98 | cps |
| Phosphorus | 31-2 | 24710 | 24683 | 25104 | 24832 | 0.95 | cps |
| Potassium | 39-2 | 3823795 | 3800229 | 3810824 | 3811616 | 0.31 | cps |
| Rhodium | 103-1 | 7355074 | 7403077 | 7351934 | 7370029 | 0.39 | cps |
| Rhodium | 103-2 | 4418498 | 4365635 | 4383232 | 4389121 | 0.61 | cps |
| Scandium | 45-1 | 4517357 | 4494304 | 4511569 | 4507743 | 0.27 | cps |
| Scandium | 45-2 | 409903 | 413692 | 412319 | 411971 | 0.47 | cps |
| Selenium | 82-1 | 569 | 618 | 581 | 589 | 4.38 | cps |
| Selenium | 77-2 | 233 | 280 | 280 | 264 | 10.19 | cps |
| Selenium | 78-2 | 333 | 447 | 427 | 402 | 15.04 | cps |
| Silicon | 28-1 | 27196239 | 27432350 | 27659406 | 27429332 | 0.84 | cps |
| Silver | 107-1 | 2937 | 2940 | 2800 | 2893 | 2.76 | cps |
| Silver | 109-1 | 2807 | 2790 | 2727 | 2775 | 1.52 | cps |
| Sodium | 23-2 | 223187 | 223529 | 221944 | 222887 | 0.37 | cps |
| Strontium | 86-1 | 290547 | 292158 | 294874 | 292526 | 0.75 | cps |
| Strontium | 88-1 | 2642129 | 2635554 | 2707854 | 2661846 | 1.50 | cps |
| Sulfur | 34-1 | 144466 | 141202 | 139930 | 141866 | 1.65 | cps |
| Terbium | 159-1 | 11212404 | 11133071 | 11156711 | 11167395 | 0.36 | cps |
| Terbium | 159-2 | 6786289 | 6736023 | 6711857 | 6744723 | 0.56 | cps |
| Thallium | 203-1 | 3017 | 3124 | 3154 | 3098 | 2.32 | cps |
| Thallium | 205-1 | 7242 | 7659 | 7602 | 7501 | 3.01 | cps |
| Tin | 118-1 | 3897 | 3907 | 3911 | 3905 | 0.18 | cps |
| Titanium | 47-1 | 1231630 | 1251408 | 1255813 | 1246284 | 1.03 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:01:55 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31257 | 31674 | 31875 | 31602 | 1.00 | cps |
| Vanadium | 51-2 | 434302 | 427877 | 430014 | 430731 | 0.76 | cps |
| Yttrium | 89-1 | 14208546 | 14034669 | 14063018 | 14102078 | 0.66 | cps |
| Yttrium | 89-2 | 3503300 | 3407884 | 3430951 | 3447378 | 1.44 | cps |
| Zinc | 66-2 | 124742 | 124748 | 123872 | 124454 | 0.41 | cps |
| Zirconium | 90-1 | 123016 | 125151 | 124697 | 124288 | 0.90 | cps |
| Zirconium | 91-1 | 27332 | 27796 | 27850 | 27659 | 1.03 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4749495 | 4804880 | 4704216 | 4752864 | 1.06 | cps |
| Antimony | 121-1 | 2074 | 2194 | 2260 | 2176 | 4.35 | cps |
| Arsenic | 75-2 | 13036 | 13296 | 12659 | 12997 | 2.47 | cps |
| Barium | 135-1 | 727350 | 733511 | 735595 | 732152 | 0.59 | cps |
| Barium | 137-1 | 1259098 | 1282571 | 1279044 | 1273571 | 0.99 | cps |
| Beryllium | 9-1 | 1256 | 1272 | 1433 | 1320 | 7.44 | cps |
| Bismuth | 209-1 | 7030064 | 6907565 | 6794202 | 6910611 | 1.71 | cps |
| Bismuth | 209-2 | 4879394 | 4775001 | 4810319 | 4821571 | 1.10 | cps |
| Bromine | 81-1 | 15605 | 16960 | 17631 | 16732 | 6.17 | cps |
| Bromine | 81-2 | 1397 | 1403 | 1620 | 1473 | 8.62 | cps |
| Cadmium | 108-1 | 143 | 143 | 157 | 148 | 5.21 | cps |
| Cadmium | 106-1 | 3060 | 2904 | 2897 | 2954 | 3.13 | cps |
| Cadmium | 111-1 | 3419 | 3466 | 3302 | 3395 | 2.49 | cps |
| Calcium | 43-1 | 526959 | 533569 | 532485 | 531004 | 0.67 | cps |
| Calcium | 44-1 | 8045783 | 8123644 | 8135558 | 8101662 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 180010 | 179609 | 178438 | 179353 | 0.46 | cps |
| Cobalt | 59-2 | 182819 | 181416 | 180889 | 181708 | 0.55 | cps |
| Copper | 63-2 | 423185 | 419876 | 419814 | 420959 | 0.46 | cps |
| Dysprosium | 156-1 | 56031 | 56292 | 56928 | 56417 | 0.82 | cps |
| Dysprosium | 156-2 | 42658 | 42628 | 42808 | 42698 | 0.23 | cps |
| Erbium | 164-1 | 48005 | 49223 | 49343 | 48857 | 1.51 | cps |
| Erbium | 164-2 | 30386 | 30239 | 30503 | 30376 | 0.44 | cps |
| Gadolinium | 160-1 | 54047 | 53993 | 54090 | 54044 | 0.09 | cps |
| Gadolinium | 160-2 | 35973 | 36283 | 35552 | 35936 | 1.02 | cps |
| Holmium | 165-1 | 11035456 | 10848048 | 10799323 | 10894276 | 1.14 | cps |
| Holmium | 165-2 | 6850365 | 6669419 | 6709223 | 6743002 | 1.41 | cps |
| Indium | 115-1 | 8386326 | 8222984 | 8145600 | 8251637 | 1.49 | cps |
| Indium | 115-2 | 2598664 | 2593113 | 2545836 | 2579204 | 1.13 | cps |
| Iron | 56-2 | 158567424 | 157285461 | 156262061 | 157371649 | 0.73 | cps |
| Iron | 57-2 | 3930948 | 3890910 | 3896078 | 3905979 | 0.56 | cps |
| Iron | 54-2 | 8599681 | 8608428 | 8579158 | 8595756 | 0.17 | cps |
| Krypton | 83-1 | 260 | 270 | 247 | 259 | 4.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 232898 | 233018 | 234136 | 233351 | 0.29 | cps |
| Lead | 207-1 | 194252 | 199591 | 197720 | 197188 | 1.37 | cps |
| Lead | 208-1 | 901762 | 910261 | 906024 | 906015 | 0.47 | cps |
| Lithium | 6-1 | 1400580 | 1426834 | 1378297 | 1401903 | 1.73 | cps |
| Magnesium | 24-2 | 4960829 | 4933124 | 4876999 | 4923651 | 0.87 | cps |
| Manganese | 55-2 | 4527719 | 4634634 | 4585262 | 4582538 | 1.17 | cps |
| Molybdenum | 94-1 | 35062 | 35917 | 36017 | 35666 | 1.47 | cps |
| Molybdenum | 95-1 | 4587 | 4881 | 4654 | 4707 | 3.27 | cps |
| Molybdenum | 96-1 | 12559 | 12572 | 12569 | 12567 | 0.06 | cps |
| Molybdenum | 97-1 | 2757 | 2640 | 3034 | 2810 | 7.19 | cps |
| Molybdenum | 98-1 | 7135 | 7552 | 7072 | 7253 | 3.60 | cps |
| Neodymium | 150-1 | 96571 | 96199 | 97189 | 96653 | 0.52 | cps |
| Neodymium | 150-2 | 50888 | 51434 | 51099 | 51140 | 0.54 | cps |
| Nickel | 60-2 | 71268 | 70247 | 69912 | 70476 | 1.00 | cps |
| Phosphorus | 31-2 | 23431 | 22684 | 23331 | 23149 | 1.75 | cps |
| Potassium | 39-2 | 2707620 | 2696552 | 2721171 | 2708447 | 0.46 | cps |
| Rhodium | 103-1 | 7520261 | 7425377 | 7361338 | 7435659 | 1.08 | cps |
| Rhodium | 103-2 | 4412006 | 4329808 | 4278278 | 4340031 | 1.55 | cps |
| Scandium | 45-1 | 4486078 | 4461609 | 4424136 | 4457274 | 0.70 | cps |
| Scandium | 45-2 | 397799 | 399370 | 393829 | 397000 | 0.72 | cps |
| Selenium | 82-1 | 517 | 507 | 456 | 493 | 6.61 | cps |
| Selenium | 77-2 | 160 | 210 | 203 | 191 | 14.21 | cps |
| Selenium | 78-2 | 403 | 347 | 330 | 360 | 10.68 | cps |
| Silicon | 28-1 | 37057293 | 37225355 | 37489264 | 37257304 | 0.58 | cps |
| Silver | 107-1 | 1783 | 1917 | 1880 | 1860 | 3.70 | cps |
| Silver | 109-1 | 1653 | 1813 | 1803 | 1757 | 5.10 | cps |
| Sodium | 23-2 | 178070 | 177095 | 177214 | 177460 | 0.30 | cps |
| Strontium | 86-1 | 195132 | 199357 | 198388 | 197626 | 1.12 | cps |
| Strontium | 88-1 | 1741930 | 1798032 | 1779795 | 1773252 | 1.61 | cps |
| Sulfur | 34-1 | 131850 | 129285 | 128280 | 129805 | 1.42 | cps |
| Terbium | 159-1 | 11245677 | 11108079 | 11112266 | 11155340 | 0.70 | cps |
| Terbium | 159-2 | 6668539 | 6789050 | 6661760 | 6706450 | 1.07 | cps |
| Thallium | 203-1 | 2187 | 2077 | 2037 | 2100 | 3.70 | cps |
| Thallium | 205-1 | 4831 | 5134 | 4954 | 4973 | 3.07 | cps |
| Tin | 118-1 | 3947 | 4074 | 3831 | 3951 | 3.08 | cps |
| Titanium | 47-1 | 1051064 | 1066330 | 1068435 | 1061943 | 0.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:05:01 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26426 | 26109 | 26573 | 26370 | 0.90 | cps |
| Vanadium | 51-2 | 329642 | 327470 | 325242 | 327451 | 0.67 | cps |
| Yttrium | 89-1 | 13961913 | 13961016 | 13750117 | 13891015 | 0.88 | cps |
| Yttrium | 89-2 | 3372867 | 3317750 | 3349621 | 3346746 | 0.83 | cps |
| Zinc | 66-2 | 92283 | 91602 | 92917 | 92267 | 0.71 | cps |
| Zirconium | 90-1 | 87522 | 89806 | 89048 | 88792 | 1.31 | cps |
| Zirconium | 91-1 | 19683 | 20181 | 20107 | 19990 | 1.34 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9357636 | 9296191 | 9306391 | 9320073 | 0.35 | cps |
| Antimony | 121-1 | 1707 | 1873 | 1850 | 1810 | 4.99 | cps |
| Arsenic | 75-2 | 8162 | 7842 | 8112 | 8039 | 2.14 | cps |
| Barium | 135-1 | 241580 | 241996 | 245027 | 242868 | 0.77 | cps |
| Barium | 137-1 | 423614 | 424689 | 426384 | 424896 | 0.33 | cps |
| Beryllium | 9-1 | 422 | 472 | 433 | 443 | 5.93 | cps |
| Bismuth | 209-1 | 6778302 | 6765128 | 6544416 | 6695949 | 1.96 | cps |
| Bismuth | 209-2 | 4728153 | 4687653 | 4757165 | 4724324 | 0.74 | cps |
| Bromine | 81-1 | 12952 | 12662 | 13059 | 12891 | 1.59 | cps |
| Bromine | 81-2 | 560 | 583 | 613 | 586 | 4.57 | cps |
| Cadmium | 108-1 | 97 | 100 | 110 | 102 | 6.79 | cps |
| Cadmium | 106-1 | 2817 | 2754 | 2774 | 2781 | 1.16 | cps |
| Cadmium | 111-1 | 2438 | 2464 | 2515 | 2472 | 1.58 | cps |
| Calcium | 43-1 | 382826 | 383777 | 385010 | 383871 | 0.29 | cps |
| Calcium | 44-1 | 5830310 | 5803199 | 5848126 | 5827212 | 0.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 547594 | 539547 | 547570 | 544904 | 0.85 | cps |
| Cobalt | 59-2 | 423353 | 416780 | 419609 | 419914 | 0.79 | cps |
| Copper | 63-2 | 758000 | 747657 | 753302 | 752986 | 0.69 | cps |
| Dysprosium | 156-1 | 22742 | 23189 | 22799 | 22910 | 1.06 | cps |
| Dysprosium | 156-2 | 16463 | 16480 | 16683 | 16542 | 0.74 | cps |
| Erbium | 164-1 | 27016 | 27307 | 26582 | 26968 | 1.35 | cps |
| Erbium | 164-2 | 16914 | 16974 | 16323 | 16737 | 2.15 | cps |
| Gadolinium | 160-1 | 24772 | 24645 | 25366 | 24928 | 1.54 | cps |
| Gadolinium | 160-2 | 16476 | 16690 | 16523 | 16563 | 0.68 | cps |
| Holmium | 165-1 | 10843244 | 10938959 | 10667655 | 10816619 | 1.27 | cps |
| Holmium | 165-2 | 6654131 | 6633409 | 6675557 | 6654366 | 0.32 | cps |
| Indium | 115-1 | 8088625 | 8217228 | 8023976 | 8109943 | 1.21 | cps |
| Indium | 115-2 | 2520225 | 2526389 | 2557815 | 2534810 | 0.80 | cps |
| Iron | 56-2 | 294569916 | 291246822 | 294379616 | 293398785 | 0.64 | cps |
| Iron | 57-2 | 7449656 | 7267028 | 7316373 | 7344352 | 1.29 | cps |
| Iron | 54-2 | 16223341 | 15850090 | 16092266 | 16055232 | 1.18 | cps |
| Krypton | 83-1 | 257 | 263 | 220 | 247 | 9.46 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 66675 | 68096 | 67614 | 67462 | 1.07 | cps |
| Lead | 207-1 | 59476 | 59841 | 60909 | 60075 | 1.24 | cps |
| Lead | 208-1 | 269617 | 268981 | 271948 | 270182 | 0.58 | cps |
| Lithium | 6-1 | 1405763 | 1398393 | 1386576 | 1396911 | 0.69 | cps |
| Magnesium | 24-2 | 13031830 | 12973753 | 12997592 | 13001058 | 0.22 | cps |
| Manganese | 55-2 | 4708165 | 4676515 | 4700922 | 4695201 | 0.35 | cps |
| Molybdenum | 94-1 | 14918 | 15642 | 15138 | 15232 | 2.44 | cps |
| Molybdenum | 95-1 | 1507 | 1517 | 1547 | 1523 | 1.37 | cps |
| Molybdenum | 96-1 | 8382 | 8276 | 8573 | 8410 | 1.79 | cps |
| Molybdenum | 97-1 | 880 | 990 | 977 | 949 | 6.33 | cps |
| Molybdenum | 98-1 | 2160 | 2117 | 2117 | 2131 | 1.17 | cps |
| Neodymium | 150-1 | 31636 | 31465 | 31519 | 31540 | 0.28 | cps |
| Neodymium | 150-2 | 16053 | 16303 | 16266 | 16207 | 0.83 | cps |
| Nickel | 60-2 | 190909 | 190632 | 191530 | 191024 | 0.24 | cps |
| Phosphorus | 31-2 | 10220 | 9566 | 10190 | 9992 | 3.69 | cps |
| Potassium | 39-2 | 1187299 | 1241528 | 1245854 | 1224894 | 2.66 | cps |
| Rhodium | 103-1 | 7368602 | 7377198 | 7313721 | 7353174 | 0.47 | cps |
| Rhodium | 103-2 | 4302280 | 4268155 | 4326000 | 4298812 | 0.68 | cps |
| Scandium | 45-1 | 4655633 | 4678181 | 4653713 | 4662509 | 0.29 | cps |
| Scandium | 45-2 | 417068 | 414109 | 414557 | 415245 | 0.38 | cps |
| Selenium | 82-1 | 489 | 414 | 490 | 464 | 9.32 | cps |
| Selenium | 77-2 | 57 | 90 | 63 | 70 | 25.20 | cps |
| Selenium | 78-2 | 347 | 267 | 310 | 308 | 13.01 | cps |
| Silicon | 28-1 | 21409461 | 21616676 | 21745132 | 21590423 | 0.78 | cps |
| Silver | 107-1 | 1003 | 997 | 1023 | 1008 | 1.38 | cps |
| Silver | 109-1 | 870 | 947 | 933 | 917 | 4.47 | cps |
| Sodium | 23-2 | 278728 | 275363 | 275953 | 276681 | 0.65 | cps |
| Strontium | 86-1 | 154191 | 155696 | 154545 | 154811 | 0.51 | cps |
| Strontium | 88-1 | 1353316 | 1352436 | 1356104 | 1353952 | 0.14 | cps |
| Sulfur | 34-1 | 122499 | 124767 | 127459 | 124909 | 1.99 | cps |
| Terbium | 159-1 | 11186435 | 11159828 | 10980489 | 11108917 | 1.01 | cps |
| Terbium | 159-2 | 6595891 | 6525721 | 6695803 | 6605805 | 1.29 | cps |
| Thallium | 203-1 | 753 | 580 | 717 | 683 | 13.37 | cps |
| Thallium | 205-1 | 1607 | 1433 | 1500 | 1513 | 5.78 | cps |
| Tin | 118-1 | 4164 | 4367 | 4384 | 4305 | 2.85 | cps |
| Titanium | 47-1 | 863225 | 874417 | 872522 | 870055 | 0.69 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:08:10 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5575 | 5591 | 5461 | 5542 | 1.28 | cps |
| Vanadium | 51-2 | 815677 | 813946 | 814867 | 814830 | 0.11 | cps |
| Yttrium | 89-1 | 13638546 | 13625407 | 13236572 | 13500175 | 1.69 | cps |
| Yttrium | 89-2 | 3295123 | 3213483 | 3280337 | 3262981 | 1.33 | cps |
| Zinc | 66-2 | 77815 | 76870 | 78063 | 77582 | 0.81 | cps |
| Zirconium | 90-1 | 39182 | 39312 | 39132 | 39209 | 0.24 | cps |
| Zirconium | 91-1 | 9023 | 8826 | 8779 | 8876 | 1.46 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4128501 | 4151529 | 4122305 | 4134112 | 0.37 | cps |
| Antimony | 121-1 | 3100 | 3230 | 3310 | 3214 | 3.30 | cps |
| Arsenic | 75-2 | 21015 | 20798 | 20978 | 20930 | 0.55 | cps |
| Barium | 135-1 | 841866 | 855248 | 862386 | 853167 | 1.22 | cps |
| Barium | 137-1 | 1465278 | 1480053 | 1493537 | 1479623 | 0.96 | cps |
| Beryllium | 9-1 | 989 | 1017 | 1011 | 1006 | 1.46 | cps |
| Bismuth | 209-1 | 6925547 | 6774701 | 6749477 | 6816575 | 1.40 | cps |
| Bismuth | 209-2 | 4787634 | 4729277 | 4867219 | 4794710 | 1.44 | cps |
| Bromine | 81-1 | 25051 | 27923 | 29049 | 27341 | 7.54 | cps |
| Bromine | 81-2 | 3620 | 3554 | 3480 | 3552 | 1.97 | cps |
| Cadmium | 108-1 | 200 | 203 | 260 | 221 | 15.25 | cps |
| Cadmium | 106-1 | 3234 | 3167 | 3137 | 3179 | 1.56 | cps |
| Cadmium | 111-1 | 3520 | 3488 | 3251 | 3420 | 4.31 | cps |
| Calcium | 43-1 | 741256 | 749908 | 758304 | 749823 | 1.14 | cps |
| Calcium | 44-1 | 11319771 | 11425134 | 11446287 | 11397064 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 203531 | 200454 | 200643 | 201543 | 0.86 | cps |
| Cobalt | 59-2 | 147132 | 146971 | 148631 | 147578 | 0.62 | cps |
| Copper | 63-2 | 237641 | 238623 | 241869 | 239378 | 0.92 | cps |
| Dysprosium | 156-1 | 38165 | 39566 | 39616 | 39115 | 2.11 | cps |
| Dysprosium | 156-2 | 30149 | 29969 | 30303 | 30140 | 0.55 | cps |
| Erbium | 164-1 | 26886 | 27621 | 27096 | 27201 | 1.39 | cps |
| Erbium | 164-2 | 17264 | 16884 | 16737 | 16961 | 1.60 | cps |
| Gadolinium | 160-1 | 33831 | 34472 | 35298 | 34534 | 2.13 | cps |
| Gadolinium | 160-2 | 23329 | 23390 | 22852 | 23190 | 1.27 | cps |
| Holmium | 165-1 | 10868159 | 10955525 | 10705857 | 10843180 | 1.17 | cps |
| Holmium | 165-2 | 6614689 | 6633352 | 6706687 | 6651576 | 0.73 | cps |
| Indium | 115-1 | 8207337 | 8207420 | 8188033 | 8200930 | 0.14 | cps |
| Indium | 115-2 | 2561482 | 2551686 | 2566400 | 2559856 | 0.29 | cps |
| Iron | 56-2 | 123335942 | 123194525 | 122777708 | 123102725 | 0.24 | cps |
| Iron | 57-2 | 3104245 | 3027622 | 3069238 | 3067035 | 1.25 | cps |
| Iron | 54-2 | 6709557 | 6719780 | 6721529 | 6716955 | 0.10 | cps |
| Krypton | 83-1 | 223 | 240 | 217 | 227 | 5.30 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 135581 | 136251 | 135525 | 135786 | 0.30 | cps |
| Lead | 207-1 | 116191 | 117556 | 117382 | 117043 | 0.63 | cps |
| Lead | 208-1 | 529580 | 535441 | 534400 | 533140 | 0.59 | cps |
| Lithium | 6-1 | 1375093 | 1367723 | 1380567 | 1374461 | 0.47 | cps |
| Magnesium | 24-2 | 5316123 | 5346196 | 5373783 | 5345367 | 0.54 | cps |
| Manganese | 55-2 | 3915402 | 3909289 | 3891645 | 3905445 | 0.32 | cps |
| Molybdenum | 94-1 | 41993 | 41305 | 42415 | 41904 | 1.34 | cps |
| Molybdenum | 95-1 | 3157 | 3104 | 2927 | 3063 | 3.93 | cps |
| Molybdenum | 96-1 | 11328 | 12115 | 11668 | 11704 | 3.37 | cps |
| Molybdenum | 97-1 | 1940 | 1720 | 1793 | 1818 | 6.16 | cps |
| Molybdenum | 98-1 | 4587 | 4838 | 4734 | 4720 | 2.66 | cps |
| Neodymium | 150-1 | 73621 | 73279 | 74093 | 73664 | 0.56 | cps |
| Neodymium | 150-2 | 38813 | 38329 | 38218 | 38453 | 0.82 | cps |
| Nickel | 60-2 | 79060 | 78997 | 79590 | 79216 | 0.41 | cps |
| Phosphorus | 31-2 | 18828 | 18748 | 18872 | 18816 | 0.33 | cps |
| Potassium | 39-2 | 1584309 | 1571694 | 1580515 | 1578839 | 0.41 | cps |
| Rhodium | 103-1 | 7499540 | 7389568 | 7394674 | 7427927 | 0.84 | cps |
| Rhodium | 103-2 | 4354546 | 4351932 | 4344247 | 4350242 | 0.12 | cps |
| Scandium | 45-1 | 4493687 | 4485321 | 4385653 | 4454887 | 1.35 | cps |
| Scandium | 45-2 | 400402 | 400664 | 403387 | 401485 | 0.41 | cps |
| Selenium | 82-1 | 495 | 498 | 562 | 519 | 7.31 | cps |
| Selenium | 77-2 | 93 | 93 | 83 | 90 | 6.42 | cps |
| Selenium | 78-2 | 300 | 337 | 343 | 327 | 7.14 | cps |
| Silicon | 28-1 | 20234336 | 20500230 | 20578954 | 20437840 | 0.88 | cps |
| Silver | 107-1 | 2137 | 2007 | 2034 | 2059 | 3.34 | cps |
| Silver | 109-1 | 1867 | 1943 | 1857 | 1889 | 2.51 | cps |
| Sodium | 23-2 | 252810 | 251939 | 255090 | 253280 | 0.64 | cps |
| Strontium | 86-1 | 518652 | 521548 | 526944 | 522381 | 0.81 | cps |
| Strontium | 88-1 | 4660816 | 4800133 | 4747627 | 4736192 | 1.49 | cps |
| Sulfur | 34-1 | 176604 | 180499 | 182796 | 179966 | 1.74 | cps |
| Terbium | 159-1 | 11125823 | 11010739 | 11003641 | 11046734 | 0.62 | cps |
| Terbium | 159-2 | 6651696 | 6614461 | 6657010 | 6641056 | 0.35 | cps |
| Thallium | 203-1 | 1520 | 1503 | 1397 | 1473 | 4.54 | cps |
| Thallium | 205-1 | 3631 | 3537 | 3474 | 3547 | 2.22 | cps |
| Tin | 118-1 | 4531 | 4741 | 4684 | 4652 | 2.34 | cps |
| Titanium | 47-1 | 423438 | 427087 | 432745 | 427757 | 1.10 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:11:17 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 22890 | 22796 | 22282 | 22656 | 1.44 | cps |
| Vanadium | 51-2 | 264754 | 263483 | 265538 | 264592 | 0.39 | cps |
| Yttrium | 89-1 | 13533317 | 13471924 | 13356131 | 13453790 | 0.67 | cps |
| Yttrium | 89-2 | 3294471 | 3304334 | 3315941 | 3304915 | 0.33 | cps |
| Zinc | 66-2 | 165023 | 165077 | 165914 | 165338 | 0.30 | cps |
| Zirconium | 90-1 | 107886 | 109810 | 111079 | 109591 | 1.47 | cps |
| Zirconium | 91-1 | 24474 | 24988 | 25405 | 24956 | 1.87 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5166969 | 5107526 | 5100077 | 5124857 | 0.72 | cps |
| Antimony | 121-1 | 4344 | 4117 | 4064 | 4175 | 3.56 | cps |
| Arsenic | 75-2 | 26504 | 26731 | 26798 | 26677 | 0.58 | cps |
| Barium | 135-1 | 979128 | 990161 | 993367 | 987552 | 0.76 | cps |
| Barium | 137-1 | 1878405 | 1858650 | 1893246 | 1876767 | 0.92 | cps |
| Beryllium | 9-1 | 1350 | 1439 | 1295 | 1361 | 5.35 | cps |
| Bismuth | 209-1 | 6876597 | 6901717 | 6862362 | 6880225 | 0.29 | cps |
| Bismuth | 209-2 | 4805054 | 4728236 | 4802723 | 4778671 | 0.91 | cps |
| Bromine | 81-1 | 14667 | 14854 | 14711 | 14744 | 0.66 | cps |
| Bromine | 81-2 | 903 | 953 | 907 | 921 | 3.03 | cps |
| Cadmium | 108-1 | 457 | 387 | 493 | 446 | 12.16 | cps |
| Cadmium | 106-1 | 3534 | 3464 | 3390 | 3463 | 2.07 | cps |
| Cadmium | 111-1 | 6271 | 6448 | 6292 | 6337 | 1.52 | cps |
| Calcium | 43-1 | 616722 | 618707 | 617892 | 617774 | 0.16 | cps |
| Calcium | 44-1 | 9437634 | 9424167 | 9386250 | 9416017 | 0.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 195854 | 195944 | 197796 | 196531 | 0.56 | cps |
| Cobalt | 59-2 | 189902 | 188575 | 188700 | 189059 | 0.39 | cps |
| Copper | 63-2 | 907320 | 905145 | 899731 | 904065 | 0.43 | cps |
| Dysprosium | 156-1 | 53990 | 54783 | 55272 | 54681 | 1.18 | cps |
| Dysprosium | 156-2 | 41070 | 41625 | 42163 | 41619 | 1.31 | cps |
| Erbium | 164-1 | 39823 | 40662 | 40535 | 40340 | 1.12 | cps |
| Erbium | 164-2 | 24618 | 25286 | 24572 | 24825 | 1.61 | cps |
| Gadolinium | 160-1 | 48510 | 49805 | 49972 | 49429 | 1.62 | cps |
| Gadolinium | 160-2 | 32491 | 32838 | 32832 | 32720 | 0.61 | cps |
| Holmium | 165-1 | 10959471 | 10899994 | 10693676 | 10851047 | 1.29 | cps |
| Holmium | 165-2 | 6730802 | 6726112 | 6707698 | 6721537 | 0.18 | cps |
| Indium | 115-1 | 8261178 | 8137199 | 8098221 | 8165533 | 1.04 | cps |
| Indium | 115-2 | 2561630 | 2572005 | 2530438 | 2554691 | 0.85 | cps |
| Iron | 56-2 | 153055991 | 153274624 | 152530891 | 152953835 | 0.25 | cps |
| Iron | 57-2 | 3812508 | 3746234 | 3780015 | 3779586 | 0.88 | cps |
| Iron | 54-2 | 8427104 | 8346202 | 8275385 | 8349564 | 0.91 | cps |
| Krypton | 83-1 | 217 | 237 | 230 | 228 | 4.47 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 866132 | 879452 | 888445 | 878010 | 1.28 | cps |
| Lead | 207-1 | 747637 | 766808 | 770731 | 761725 | 1.62 | cps |
| Lead | 208-1 | 3758243 | 3764091 | 3828801 | 3783711 | 1.03 | cps |
| Lithium | 6-1 | 1406066 | 1385234 | 1387128 | 1392809 | 0.83 | cps |
| Magnesium | 24-2 | 4890272 | 4878391 | 4885588 | 4884750 | 0.12 | cps |
| Manganese | 55-2 | 4838203 | 4850275 | 4823732 | 4837403 | 0.27 | cps |
| Molybdenum | 94-1 | 72518 | 71209 | 72046 | 71924 | 0.92 | cps |
| Molybdenum | 95-1 | 2197 | 2310 | 2190 | 2232 | 3.02 | cps |
| Molybdenum | 96-1 | 16496 | 16436 | 16606 | 16513 | 0.52 | cps |
| Molybdenum | 97-1 | 1283 | 1343 | 1253 | 1293 | 3.54 | cps |
| Molybdenum | 98-1 | 3314 | 3290 | 3310 | 3305 | 0.38 | cps |
| Neodymium | 150-1 | 103580 | 104893 | 103651 | 104041 | 0.71 | cps |
| Neodymium | 150-2 | 54582 | 54197 | 53970 | 54249 | 0.57 | cps |
| Nickel | 60-2 | 85482 | 84744 | 84654 | 84960 | 0.53 | cps |
| Phosphorus | 31-2 | 24269 | 25077 | 24182 | 24510 | 2.01 | cps |
| Potassium | 39-2 | 3025622 | 3043493 | 3063023 | 3044046 | 0.61 | cps |
| Rhodium | 103-1 | 7457239 | 7458309 | 7328108 | 7414552 | 1.01 | cps |
| Rhodium | 103-2 | 4397023 | 4351563 | 4335422 | 4361336 | 0.73 | cps |
| Scandium | 45-1 | 4500021 | 4471615 | 4491599 | 4487745 | 0.33 | cps |
| Scandium | 45-2 | 404804 | 403902 | 398887 | 402531 | 0.79 | cps |
| Selenium | 82-1 | 450 | 566 | 474 | 497 | 12.32 | cps |
| Selenium | 77-2 | 187 | 150 | 133 | 157 | 17.41 | cps |
| Selenium | 78-2 | 413 | 313 | 343 | 357 | 14.39 | cps |
| Silicon | 28-1 | 25094690 | 25230676 | 25119740 | 25148369 | 0.29 | cps |
| Silver | 107-1 | 5731 | 6155 | 6148 | 6011 | 4.04 | cps |
| Silver | 109-1 | 5661 | 5788 | 5608 | 5686 | 1.63 | cps |
| Sodium | 23-2 | 128975 | 130074 | 127936 | 128995 | 0.83 | cps |
| Strontium | 86-1 | 239071 | 242601 | 243948 | 241873 | 1.04 | cps |
| Strontium | 88-1 | 2163568 | 2199997 | 2196535 | 2186700 | 0.92 | cps |
| Sulfur | 34-1 | 158047 | 154459 | 150304 | 154270 | 2.51 | cps |
| Terbium | 159-1 | 11096418 | 11228815 | 10979287 | 11101507 | 1.12 | cps |
| Terbium | 159-2 | 6643359 | 6695014 | 6578954 | 6639109 | 0.88 | cps |
| Thallium | 203-1 | 2194 | 2280 | 2297 | 2257 | 2.46 | cps |
| Thallium | 205-1 | 5324 | 5118 | 5374 | 5272 | 2.58 | cps |
| Tin | 118-1 | 5678 | 5761 | 5728 | 5722 | 0.73 | cps |
| Titanium | 47-1 | 651761 | 661623 | 660241 | 657875 | 0.81 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:14:26 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 19418 | 19678 | 19311 | 19469 | 0.97 | cps |
| Vanadium | 51-2 | 285241 | 284215 | 285776 | 285077 | 0.28 | cps |
| Yttrium | 89-1 | 13881023 | 13722975 | 13630966 | 13744988 | 0.92 | cps |
| Yttrium | 89-2 | 3304921 | 3311425 | 3331819 | 3316055 | 0.42 | cps |
| Zinc | 66-2 | 198876 | 197667 | 198231 | 198258 | 0.31 | cps |
| Zirconium | 90-1 | 189523 | 191920 | 191258 | 190900 | 0.65 | cps |
| Zirconium | 91-1 | 43474 | 43558 | 42906 | 43313 | 0.82 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5018519 | 4984106 | 5021474 | 5008033 | 0.41 | cps |
| Antimony | 121-1 | 3934 | 4054 | 4214 | 4067 | 3.45 | cps |
| Arsenic | 75-2 | 25489 | 25211 | 25499 | 25400 | 0.64 | cps |
| Barium | 135-1 | 950397 | 955613 | 955583 | 953864 | 0.31 | cps |
| Barium | 137-1 | 1798418 | 1767604 | 1785391 | 1783804 | 0.87 | cps |
| Beryllium | 9-1 | 1195 | 1383 | 1456 | 1345 | 10.03 | cps |
| Bismuth | 209-1 | 6859552 | 6819655 | 6707874 | 6795694 | 1.16 | cps |
| Bismuth | 209-2 | 4777831 | 4694105 | 4788924 | 4753620 | 1.09 | cps |
| Bromine | 81-1 | 13526 | 13770 | 14254 | 13850 | 2.67 | cps |
| Bromine | 81-2 | 883 | 907 | 857 | 882 | 2.84 | cps |
| Cadmium | 108-1 | 387 | 453 | 450 | 430 | 8.74 | cps |
| Cadmium | 106-1 | 3347 | 3437 | 3297 | 3360 | 2.11 | cps |
| Cadmium | 111-1 | 6246 | 6159 | 6290 | 6232 | 1.07 | cps |
| Calcium | 43-1 | 595698 | 597596 | 600794 | 598029 | 0.43 | cps |
| Calcium | 44-1 | 9112321 | 9099948 | 9156979 | 9123082 | 0.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 190679 | 190395 | 189930 | 190335 | 0.20 | cps |
| Cobalt | 59-2 | 183972 | 182687 | 180154 | 182271 | 1.07 | cps |
| Copper | 63-2 | 877521 | 869781 | 872739 | 873347 | 0.45 | cps |
| Dysprosium | 156-1 | 51956 | 52464 | 52598 | 52339 | 0.65 | cps |
| Dysprosium | 156-2 | 40097 | 40097 | 39749 | 39981 | 0.50 | cps |
| Erbium | 164-1 | 38790 | 39375 | 38363 | 38843 | 1.31 | cps |
| Erbium | 164-2 | 24001 | 23770 | 24238 | 24003 | 0.97 | cps |
| Gadolinium | 160-1 | 47647 | 48641 | 48781 | 48356 | 1.28 | cps |
| Gadolinium | 160-2 | 31856 | 31823 | 31068 | 31582 | 1.41 | cps |
| Holmium | 165-1 | 10773702 | 10631759 | 10662374 | 10689279 | 0.70 | cps |
| Holmium | 165-2 | 6690865 | 6594749 | 6709223 | 6664946 | 0.92 | cps |
| Indium | 115-1 | 8260106 | 8139382 | 8018267 | 8139252 | 1.49 | cps |
| Indium | 115-2 | 2554144 | 2517584 | 2539741 | 2537156 | 0.73 | cps |
| Iron | 56-2 | 148321781 | 148131084 | 148188098 | 148213654 | 0.07 | cps |
| Iron | 57-2 | 3684898 | 3702088 | 3663798 | 3683595 | 0.52 | cps |
| Iron | 54-2 | 8046384 | 8141389 | 8031353 | 8073042 | 0.74 | cps |
| Krypton | 83-1 | 237 | 277 | 267 | 260 | 8.01 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 845467 | 852755 | 849432 | 849218 | 0.43 | cps |
| Lead | 207-1 | 737932 | 737108 | 742239 | 739093 | 0.37 | cps |
| Lead | 208-1 | 3648440 | 3649657 | 3639546 | 3645881 | 0.15 | cps |
| Lithium | 6-1 | 1390843 | 1374866 | 1386987 | 1384232 | 0.60 | cps |
| Magnesium | 24-2 | 4746088 | 4751046 | 4729275 | 4742137 | 0.24 | cps |
| Manganese | 55-2 | 4645097 | 4632189 | 4681374 | 4652887 | 0.55 | cps |
| Molybdenum | 94-1 | 71848 | 72069 | 72022 | 71980 | 0.16 | cps |
| Molybdenum | 95-1 | 1963 | 2120 | 2194 | 2092 | 5.62 | cps |
| Molybdenum | 96-1 | 16056 | 15869 | 15795 | 15907 | 0.84 | cps |
| Molybdenum | 97-1 | 1183 | 1283 | 1230 | 1232 | 4.06 | cps |
| Molybdenum | 98-1 | 3254 | 3214 | 3070 | 3179 | 3.03 | cps |
| Neodymium | 150-1 | 99008 | 100260 | 102170 | 100479 | 1.58 | cps |
| Neodymium | 150-2 | 52701 | 52046 | 52571 | 52439 | 0.66 | cps |
| Nickel | 60-2 | 82753 | 82442 | 82797 | 82664 | 0.23 | cps |
| Phosphorus | 31-2 | 23758 | 23748 | 23715 | 23741 | 0.10 | cps |
| Potassium | 39-2 | 2928997 | 2949175 | 2994417 | 2957530 | 1.13 | cps |
| Rhodium | 103-1 | 7452607 | 7362408 | 7243681 | 7352899 | 1.43 | cps |
| Rhodium | 103-2 | 4303806 | 4309034 | 4289103 | 4300648 | 0.24 | cps |
| Scandium | 45-1 | 4503133 | 4428172 | 4372564 | 4434623 | 1.48 | cps |
| Scandium | 45-2 | 399837 | 396430 | 400511 | 398926 | 0.55 | cps |
| Selenium | 82-1 | 470 | 444 | 500 | 471 | 5.92 | cps |
| Selenium | 77-2 | 150 | 190 | 180 | 173 | 12.01 | cps |
| Selenium | 78-2 | 363 | 377 | 327 | 356 | 7.28 | cps |
| Silicon | 28-1 | 25024138 | 25096170 | 25122954 | 25081087 | 0.20 | cps |
| Silver | 107-1 | 5878 | 5835 | 5898 | 5870 | 0.55 | cps |
| Silver | 109-1 | 5324 | 5338 | 5618 | 5427 | 3.05 | cps |
| Sodium | 23-2 | 126891 | 126104 | 126477 | 126491 | 0.31 | cps |
| Strontium | 86-1 | 234445 | 235010 | 235074 | 234843 | 0.15 | cps |
| Strontium | 88-1 | 2103065 | 2115948 | 2116703 | 2111905 | 0.36 | cps |
| Sulfur | 34-1 | 146690 | 144637 | 144475 | 145267 | 0.85 | cps |
| Terbium | 159-1 | 11133315 | 10932645 | 10906583 | 10990848 | 1.13 | cps |
| Terbium | 159-2 | 6637951 | 6522848 | 6609786 | 6590195 | 0.91 | cps |
| Thallium | 203-1 | 2234 | 2280 | 2190 | 2235 | 2.01 | cps |
| Thallium | 205-1 | 5318 | 5241 | 5178 | 5246 | 1.34 | cps |
| Tin | 118-1 | 5548 | 5374 | 5468 | 5463 | 1.59 | cps |
| Titanium | 47-1 | 635618 | 634275 | 637461 | 635785 | 0.25 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:17:31 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18510 | 19334 | 19204 | 19016 | 2.33 | cps |
| Vanadium | 51-2 | 275877 | 277139 | 275923 | 276313 | 0.26 | cps |
| Yttrium | 89-1 | 13793220 | 13465419 | 13472608 | 13577082 | 1.38 | cps |
| Yttrium | 89-2 | 3307496 | 3328933 | 3281723 | 3306051 | 0.72 | cps |
| Zinc | 66-2 | 191413 | 191097 | 192358 | 191623 | 0.34 | cps |
| Zirconium | 90-1 | 192683 | 193081 | 193990 | 193251 | 0.35 | cps |
| Zirconium | 91-1 | 43354 | 44049 | 43310 | 43571 | 0.95 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 978420 | 983682 | 971668 | 977923 | 0.62 | cps |
| Antimony | 121-1 | 847 | 740 | 753 | 780 | 7.45 | cps |
| Arsenic | 75-2 | 5341 | 5121 | 5168 | 5210 | 2.23 | cps |
| Barium | 135-1 | 185015 | 184313 | 183844 | 184391 | 0.32 | cps |
| Barium | 137-1 | 319337 | 322291 | 322130 | 321253 | 0.52 | cps |
| Beryllium | 9-1 | 217 | 328 | 278 | 274 | 20.31 | cps |
| Bismuth | 209-1 | 6812517 | 6835785 | 6711225 | 6786509 | 0.98 | cps |
| Bismuth | 209-2 | 4797291 | 4810714 | 4822182 | 4810062 | 0.26 | cps |
| Bromine | 81-1 | 11341 | 11274 | 11124 | 11247 | 0.99 | cps |
| Bromine | 81-2 | 307 | 270 | 197 | 258 | 21.73 | cps |
| Cadmium | 108-1 | 90 | 73 | 63 | 76 | 17.83 | cps |
| Cadmium | 106-1 | 2527 | 2677 | 2527 | 2577 | 3.36 | cps |
| Cadmium | 111-1 | 2513 | 2706 | 2548 | 2589 | 3.98 | cps |
| Calcium | 43-1 | 116009 | 118172 | 117141 | 117107 | 0.92 | cps |
| Calcium | 44-1 | 1782110 | 1785177 | 1805452 | 1790913 | 0.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 38329 | 38422 | 36902 | 37884 | 2.25 | cps |
| Cobalt | 59-2 | 35281 | 36544 | 35616 | 35814 | 1.83 | cps |
| Copper | 63-2 | 173776 | 173334 | 171278 | 172796 | 0.77 | cps |
| Dysprosium | 156-1 | 9770 | 9877 | 10144 | 9930 | 1.94 | cps |
| Dysprosium | 156-2 | 7632 | 7492 | 7662 | 7595 | 1.20 | cps |
| Erbium | 164-1 | 7492 | 7656 | 7339 | 7495 | 2.11 | cps |
| Erbium | 164-2 | 4621 | 4457 | 4597 | 4559 | 1.94 | cps |
| Gadolinium | 160-1 | 9116 | 9153 | 9343 | 9204 | 1.32 | cps |
| Gadolinium | 160-2 | 6342 | 6445 | 6038 | 6275 | 3.37 | cps |
| Holmium | 165-1 | 10668855 | 10515970 | 10678387 | 10621071 | 0.86 | cps |
| Holmium | 165-2 | 6580967 | 6597247 | 6545872 | 6574695 | 0.40 | cps |
| Indium | 115-1 | 8155228 | 8159989 | 8135783 | 8150333 | 0.16 | cps |
| Indium | 115-2 | 2575443 | 2597638 | 2547883 | 2573655 | 0.97 | cps |
| Iron | 56-2 | 28942876 | 29209979 | 28310368 | 28821074 | 1.60 | cps |
| Iron | 57-2 | 742839 | 740695 | 735470 | 739668 | 0.51 | cps |
| Iron | 54-2 | 1611431 | 1593697 | 1587292 | 1597473 | 0.78 | cps |
| Krypton | 83-1 | 183 | 210 | 217 | 203 | 8.67 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 161726 | 162880 | 162465 | 162357 | 0.36 | cps |
| Lead | 207-1 | 142238 | 141444 | 142081 | 141921 | 0.30 | cps |
| Lead | 208-1 | 645785 | 646524 | 645912 | 646074 | 0.06 | cps |
| Lithium | 6-1 | 1350332 | 1378794 | 1360775 | 1363301 | 1.06 | cps |
| Magnesium | 24-2 | 935661 | 937881 | 933177 | 935573 | 0.25 | cps |
| Manganese | 55-2 | 919077 | 913124 | 909069 | 913757 | 0.55 | cps |
| Molybdenum | 94-1 | 13443 | 13510 | 13336 | 13430 | 0.65 | cps |
| Molybdenum | 95-1 | 613 | 497 | 557 | 556 | 10.50 | cps |
| Molybdenum | 96-1 | 3034 | 3354 | 3210 | 3199 | 5.01 | cps |
| Molybdenum | 97-1 | 270 | 323 | 330 | 308 | 10.68 | cps |
| Molybdenum | 98-1 | 817 | 800 | 850 | 822 | 3.10 | cps |
| Neodymium | 150-1 | 19116 | 19407 | 18993 | 19172 | 1.11 | cps |
| Neodymium | 150-2 | 10344 | 9984 | 10367 | 10232 | 2.10 | cps |
| Nickel | 60-2 | 16279 | 16382 | 16646 | 16436 | 1.15 | cps |
| Phosphorus | 31-2 | 4434 | 4644 | 4487 | 4522 | 2.41 | cps |
| Potassium | 39-2 | 640477 | 639358 | 637111 | 638982 | 0.27 | cps |
| Rhodium | 103-1 | 7579984 | 7580966 | 7445361 | 7535437 | 1.04 | cps |
| Rhodium | 103-2 | 4412234 | 4414568 | 4412427 | 4413076 | 0.03 | cps |
| Scandium | 45-1 | 4372368 | 4350632 | 4378380 | 4367127 | 0.33 | cps |
| Scandium | 45-2 | 392684 | 393055 | 391420 | 392386 | 0.22 | cps |
| Selenium | 82-1 | 449 | 412 | 383 | 415 | 7.91 | cps |
| Selenium | 77-2 | 33 | 17 | 23 | 24 | 34.31 | cps |
| Selenium | 78-2 | 203 | 220 | 273 | 232 | 15.75 | cps |
| Silicon | 28-1 | 4840329 | 4867046 | 5198947 | 4968774 | 4.02 | cps |
| Silver | 107-1 | 1237 | 1287 | 1163 | 1229 | 5.05 | cps |
| Silver | 109-1 | 1100 | 1080 | 1150 | 1110 | 3.25 | cps |
| Sodium | 23-2 | 36162 | 36667 | 37111 | 36647 | 1.30 | cps |
| Strontium | 86-1 | 44805 | 46333 | 45925 | 45687 | 1.73 | cps |
| Strontium | 88-1 | 394928 | 401663 | 399211 | 398601 | 0.86 | cps |
| Sulfur | 34-1 | 123209 | 124300 | 124959 | 124156 | 0.71 | cps |
| Terbium | 159-1 | 10813505 | 10884614 | 11018681 | 10905600 | 0.96 | cps |
| Terbium | 159-2 | 6588304 | 6578954 | 6596736 | 6587998 | 0.14 | cps |
| Thallium | 203-1 | 553 | 450 | 560 | 521 | 11.84 | cps |
| Thallium | 205-1 | 1190 | 1250 | 1343 | 1261 | 6.13 | cps |
| Tin | 118-1 | 2304 | 2294 | 2347 | 2315 | 1.22 | cps |
| Titanium | 47-1 | 125253 | 124876 | 125706 | 125278 | 0.33 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 21:20:38 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3654 | 3611 | 3434 | 3566 | 3.27 | cps |
| Vanadium | 51-2 | 54003 | 53156 | 53588 | 53582 | 0.79 | cps |
| Yttrium | 89-1 | 13220808 | 13175276 | 13126647 | 13174244 | 0.36 | cps |
| Yttrium | 89-2 | 3206473 | 3190774 | 3213352 | 3203533 | 0.36 | cps |
| Zinc | 66-2 | 37941 | 37738 | 38286 | 37988 | 0.73 | cps |
| Zirconium | 90-1 | 36565 | 36549 | 37174 | 36763 | 0.97 | cps |
| Zirconium | 91-1 | 7899 | 8109 | 8322 | 8110 | 2.61 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5190310 | 5181131 | 5145561 | 5172334 | 0.46 | cps |
| Antimony | 121-1 | 583353 | 586331 | 596946 | 588877 | 1.21 | cps |
| Arsenic | 75-2 | 37287 | 37100 | 37547 | 37311 | 0.60 | cps |
| Barium | 135-1 | 4202798 | 4230988 | 4292177 | 4241988 | 1.08 | cps |
| Barium | 137-1 | 7290625 | 7425938 | 7492231 | 7402931 | 1.39 | cps |
| Beryllium | 9-1 | 46191 | 46899 | 46397 | 46495 | 0.78 | cps |
| Bismuth | 209-1 | 6819884 | 6783671 | 6337025 | 6646860 | 4.05 | cps |
| Bismuth | 209-2 | 4761848 | 4718767 | 4859810 | 4780142 | 1.51 | cps |
| Bromine | 81-1 | 13113 | 12736 | 13877 | 13242 | 4.39 | cps |
| Bromine | 81-2 | 753 | 767 | 783 | 768 | 1.96 | cps |
| Cadmium | 108-1 | 5181 | 5171 | 5298 | 5217 | 1.35 | cps |
| Cadmium | 106-1 | 10020 | 9813 | 9837 | 9890 | 1.15 | cps |
| Cadmium | 111-1 | 79292 | 80156 | 81441 | 80296 | 1.35 | cps |
| Calcium | 43-1 | 587504 | 593424 | 599118 | 593349 | 0.98 | cps |
| Calcium | 44-1 | 8959559 | 8994126 | 9093802 | 9015829 | 0.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 681534 | 678319 | 672777 | 677543 | 0.65 | cps |
| Cobalt | 59-2 | 2092396 | 2061268 | 2066947 | 2073537 | 0.80 | cps |
| Copper | 63-2 | 1569269 | 1539873 | 1556222 | 1555122 | 0.95 | cps |
| Dysprosium | 156-1 | 51086 | 51972 | 52518 | 51859 | 1.39 | cps |
| Dysprosium | 156-2 | 39552 | 40003 | 40622 | 40059 | 1.34 | cps |
| Erbium | 164-1 | 38904 | 39148 | 39613 | 39222 | 0.92 | cps |
| Erbium | 164-2 | 24004 | 24168 | 24281 | 24151 | 0.58 | cps |
| Gadolinium | 160-1 | 47202 | 47340 | 48373 | 47638 | 1.34 | cps |
| Gadolinium | 160-2 | 31729 | 32140 | 32314 | 32061 | 0.94 | cps |
| Holmium | 165-1 | 10818920 | 10782299 | 9716544 | 10439255 | 6.00 | cps |
| Holmium | 165-2 | 6693706 | 6634267 | 6613488 | 6647154 | 0.63 | cps |
| Indium | 115-1 | 8135640 | 8002442 | 7260625 | 7799569 | 6.04 | cps |
| Indium | 115-2 | 2528364 | 2558864 | 2588320 | 2558516 | 1.17 | cps |
| Iron | 56-2 | 150881351 | 149835911 | 149661661 | 150126308 | 0.44 | cps |
| Iron | 57-2 | 3768453 | 3741174 | 3706918 | 3738848 | 0.82 | cps |
| Iron | 54-2 | 8245720 | 8222839 | 8086424 | 8184995 | 1.05 | cps |
| Krypton | 83-1 | 250 | 230 | 247 | 242 | 4.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 927476 | 929113 | 949595 | 935395 | 1.32 | cps |
| Lead | 207-1 | 810829 | 809332 | 825336 | 815165 | 1.08 | cps |
| Lead | 208-1 | 3963903 | 4003361 | 4085779 | 4017681 | 1.55 | cps |
| Lithium | 6-1 | 1370645 | 1339682 | 1233692 | 1314673 | 5.46 | cps |
| Magnesium | 24-2 | 4686111 | 4658992 | 4682819 | 4675974 | 0.32 | cps |
| Manganese | 55-2 | 5543273 | 5522333 | 5508728 | 5524778 | 0.31 | cps |
| Molybdenum | 94-1 | 72558 | 74046 | 74187 | 73597 | 1.23 | cps |
| Molybdenum | 95-1 | 2217 | 2187 | 2157 | 2187 | 1.37 | cps |
| Molybdenum | 96-1 | 16743 | 16319 | 16580 | 16547 | 1.29 | cps |
| Molybdenum | 97-1 | 1247 | 1307 | 1263 | 1272 | 2.43 | cps |
| Molybdenum | 98-1 | 3317 | 3374 | 3097 | 3263 | 4.48 | cps |
| Neodymium | 150-1 | 98655 | 100119 | 100662 | 99812 | 1.04 | cps |
| Neodymium | 150-2 | 53695 | 52829 | 53578 | 53367 | 0.88 | cps |
| Nickel | 60-2 | 548525 | 544871 | 546101 | 546499 | 0.34 | cps |
| Phosphorus | 31-2 | 23665 | 23001 | 23291 | 23319 | 1.43 | cps |
| Potassium | 39-2 | 2955236 | 2929699 | 2935071 | 2940002 | 0.46 | cps |
| Rhodium | 103-1 | 7406464 | 7325178 | 6663907 | 7131849 | 5.71 | cps |
| Rhodium | 103-2 | 4343510 | 4373477 | 4314438 | 4343809 | 0.68 | cps |
| Scandium | 45-1 | 4468476 | 4424416 | 4059239 | 4317377 | 5.20 | cps |
| Scandium | 45-2 | 398708 | 396861 | 396695 | 397421 | 0.28 | cps |
| Selenium | 82-1 | 10370 | 10473 | 10640 | 10494 | 1.30 | cps |
| Selenium | 77-2 | 1013 | 1143 | 1117 | 1091 | 6.29 | cps |
| Selenium | 78-2 | 3607 | 3560 | 3330 | 3499 | 4.23 | cps |
| Silicon | 28-1 | 24971022 | 25158175 | 25285965 | 25138387 | 0.63 | cps |
| Silver | 107-1 | 312571 | 314031 | 320098 | 315566 | 1.26 | cps |
| Silver | 109-1 | 296015 | 298774 | 300866 | 298552 | 0.82 | cps |
| Sodium | 23-2 | 124455 | 123722 | 125110 | 124429 | 0.56 | cps |
| Strontium | 86-1 | 232716 | 233716 | 237493 | 234642 | 1.07 | cps |
| Strontium | 88-1 | 2114623 | 2093855 | 2160486 | 2122988 | 1.61 | cps |
| Sulfur | 34-1 | 142365 | 138639 | 139607 | 140204 | 1.38 | cps |
| Terbium | 159-1 | 11067971 | 11126555 | 10007915 | 10734147 | 5.87 | cps |
| Terbium | 159-2 | 6565941 | 6617578 | 6613766 | 6599095 | 0.44 | cps |
| Thallium | 203-1 | 270814 | 273946 | 276003 | 273588 | 0.96 | cps |
| Thallium | 205-1 | 646917 | 657374 | 665310 | 656534 | 1.41 | cps |
| Tin | 118-1 | 4948 | 5238 | 5268 | 5151 | 3.43 | cps |
| Titanium | 47-1 | 617166 | 627915 | 633521 | 626201 | 1.33 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:23:49 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18416 | 19004 | 19254 | 18891 | 2.28 | cps |
| Vanadium | 51-2 | 1344775 | 1327297 | 1339737 | 1337270 | 0.67 | cps |
| Yttrium | 89-1 | 13657864 | 13634993 | 12421961 | 13238273 | 5.34 | cps |
| Yttrium | 89-2 | 3319201 | 3303845 | 3323244 | 3315430 | 0.31 | cps |
| Zinc | 66-2 | 396506 | 398619 | 396161 | 397095 | 0.34 | cps |
| Zirconium | 90-1 | 191646 | 194621 | 196837 | 194368 | 1.34 | cps |
| Zirconium | 91-1 | 43471 | 44852 | 44026 | 44116 | 1.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5926499 | 5912472 | 5866389 | 5901787 | 0.53 | cps |
| Antimony | 121-1 | 3029193 | 3069742 | 3084789 | 3061241 | 0.94 | cps |
| Arsenic | 75-2 | 79866 | 80329 | 80748 | 80314 | 0.55 | cps |
| Barium | 135-1 | 16493378 | 16906559 | 16713096 | 16704344 | 1.24 | cps |
| Barium | 137-1 | 28647760 | 28768112 | 28941770 | 28785880 | 0.51 | cps |
| Beryllium | 9-1 | 216660 | 218176 | 217295 | 217377 | 0.35 | cps |
| Bismuth | 209-1 | 6959553 | 6861196 | 6833412 | 6884720 | 0.96 | cps |
| Bismuth | 209-2 | 4785012 | 4809570 | 4867240 | 4820607 | 0.88 | cps |
| Bromine | 81-1 | 12942 | 13159 | 13126 | 13076 | 0.89 | cps |
| Bromine | 81-2 | 807 | 860 | 833 | 833 | 3.20 | cps |
| Cadmium | 108-1 | 23669 | 24407 | 24264 | 24113 | 1.62 | cps |
| Cadmium | 106-1 | 35777 | 35233 | 36018 | 35676 | 1.13 | cps |
| Cadmium | 111-1 | 366692 | 365682 | 365856 | 366077 | 0.15 | cps |
| Calcium | 43-1 | 563397 | 563368 | 565559 | 564108 | 0.22 | cps |
| Calcium | 44-1 | 8502988 | 8641770 | 8661464 | 8602074 | 1.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2514665 | 2504342 | 2486739 | 2501915 | 0.56 | cps |
| Cobalt | 59-2 | 9197373 | 9262687 | 9215590 | 9225217 | 0.37 | cps |
| Copper | 63-2 | 3961608 | 4017905 | 3969414 | 3982975 | 0.77 | cps |
| Dysprosium | 156-1 | 49447 | 49845 | 50233 | 49841 | 0.79 | cps |
| Dysprosium | 156-2 | 38904 | 38824 | 38262 | 38663 | 0.90 | cps |
| Erbium | 164-1 | 37179 | 37460 | 37400 | 37346 | 0.40 | cps |
| Erbium | 164-2 | 23383 | 23256 | 23276 | 23305 | 0.29 | cps |
| Gadolinium | 160-1 | 46086 | 46597 | 46008 | 46230 | 0.69 | cps |
| Gadolinium | 160-2 | 30323 | 31091 | 30593 | 30669 | 1.27 | cps |
| Holmium | 165-1 | 10819167 | 10832016 | 10898717 | 10849967 | 0.39 | cps |
| Holmium | 165-2 | 6714903 | 6729716 | 6689130 | 6711250 | 0.31 | cps |
| Indium | 115-1 | 8055926 | 8066627 | 8045008 | 8055854 | 0.13 | cps |
| Indium | 115-2 | 2530313 | 2510230 | 2549412 | 2529985 | 0.77 | cps |
| Iron | 56-2 | 151387514 | 152594054 | 151457398 | 151812989 | 0.45 | cps |
| Iron | 57-2 | 3778021 | 3746433 | 3785566 | 3770007 | 0.55 | cps |
| Iron | 54-2 | 8392906 | 8336389 | 8324538 | 8351278 | 0.44 | cps |
| Krypton | 83-1 | 197 | 217 | 200 | 204 | 5.24 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1250811 | 1266631 | 1265833 | 1261092 | 0.71 | cps |
| Lead | 207-1 | 1086717 | 1092056 | 1108285 | 1095686 | 1.03 | cps |
| Lead | 208-1 | 5379238 | 5409672 | 5468218 | 5419043 | 0.83 | cps |
| Lithium | 6-1 | 1352648 | 1342053 | 1351804 | 1348835 | 0.44 | cps |
| Magnesium | 24-2 | 4482705 | 4471826 | 4482237 | 4478923 | 0.14 | cps |
| Manganese | 55-2 | 8728471 | 8636738 | 8599253 | 8654821 | 0.77 | cps |
| Molybdenum | 94-1 | 70652 | 72136 | 71922 | 71570 | 1.12 | cps |
| Molybdenum | 95-1 | 2144 | 2327 | 2247 | 2239 | 4.11 | cps |
| Molybdenum | 96-1 | 16519 | 16643 | 16259 | 16474 | 1.19 | cps |
| Molybdenum | 97-1 | 1307 | 1240 | 1273 | 1273 | 2.62 | cps |
| Molybdenum | 98-1 | 3577 | 3641 | 3547 | 3588 | 1.33 | cps |
| Neodymium | 150-1 | 98115 | 97427 | 95974 | 97172 | 1.13 | cps |
| Neodymium | 150-2 | 51755 | 51012 | 51437 | 51401 | 0.72 | cps |
| Nickel | 60-2 | 2434746 | 2446339 | 2411012 | 2430699 | 0.74 | cps |
| Phosphorus | 31-2 | 22246 | 22156 | 22410 | 22271 | 0.58 | cps |
| Potassium | 39-2 | 2805675 | 2832669 | 2810345 | 2816230 | 0.51 | cps |
| Rhodium | 103-1 | 7384638 | 7341144 | 7332792 | 7352858 | 0.38 | cps |
| Rhodium | 103-2 | 4290314 | 4342984 | 4306982 | 4313426 | 0.62 | cps |
| Scandium | 45-1 | 4417423 | 4411565 | 4350156 | 4393048 | 0.85 | cps |
| Scandium | 45-2 | 398329 | 396016 | 397273 | 397206 | 0.29 | cps |
| Selenium | 82-1 | 48293 | 48018 | 48205 | 48172 | 0.29 | cps |
| Selenium | 77-2 | 4818 | 4517 | 4697 | 4677 | 3.23 | cps |
| Selenium | 78-2 | 15131 | 14971 | 14881 | 14994 | 0.85 | cps |
| Silicon | 28-1 | 24250655 | 24672853 | 24320928 | 24414812 | 0.93 | cps |
| Silver | 107-1 | 1497114 | 1589143 | 1489846 | 1525368 | 3.63 | cps |
| Silver | 109-1 | 1417145 | 1431929 | 1424696 | 1424590 | 0.52 | cps |
| Sodium | 23-2 | 122056 | 120359 | 120890 | 121101 | 0.72 | cps |
| Strontium | 86-1 | 221566 | 224228 | 227427 | 224407 | 1.31 | cps |
| Strontium | 88-1 | 2011506 | 2039957 | 2026567 | 2026010 | 0.70 | cps |
| Sulfur | 34-1 | 136581 | 133736 | 130831 | 133716 | 2.15 | cps |
| Terbium | 159-1 | 11083274 | 10936363 | 11004223 | 11007954 | 0.67 | cps |
| Terbium | 159-2 | 6650532 | 6597148 | 6591027 | 6612903 | 0.49 | cps |
| Thallium | 203-1 | 1336198 | 1349008 | 1351929 | 1345712 | 0.62 | cps |
| Thallium | 205-1 | 3758468 | 3728649 | 3765991 | 3751036 | 0.53 | cps |
| Tin | 118-1 | 5101 | 5254 | 5428 | 5261 | 3.11 | cps |
| Titanium | 47-1 | 591948 | 592769 | 589861 | 591526 | 0.25 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:26:51 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18026 | 18510 | 18800 | 18445 | 2.12 | cps |
| Vanadium | 51-2 | 5283497 | 5297885 | 5245782 | 5275721 | 0.51 | cps |
| Yttrium | 89-1 | 13339747 | 13559025 | 13413970 | 13437581 | 0.83 | cps |
| Yttrium | 89-2 | 3302019 | 3233811 | 3288684 | 3274838 | 1.10 | cps |
| Zinc | 66-2 | 1183024 | 1179938 | 1178602 | 1180521 | 0.19 | cps |
| Zirconium | 90-1 | 191501 | 193166 | 192051 | 192239 | 0.44 | cps |
| Zirconium | 91-1 | 43019 | 43047 | 43264 | 43110 | 0.31 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4357025 | 4303206 | 4352054 | 4337428 | 0.69 | cps |
| Antimony | 121-1 | 4901 | 4657 | 4911 | 4823 | 2.98 | cps |
| Arsenic | 75-2 | 13470 | 13423 | 13480 | 13457 | 0.23 | cps |
| Barium | 135-1 | 729387 | 739902 | 739180 | 736156 | 0.80 | cps |
| Barium | 137-1 | 1256263 | 1278727 | 1278511 | 1271167 | 1.02 | cps |
| Beryllium | 9-1 | 1111 | 1089 | 1172 | 1124 | 3.84 | cps |
| Bismuth | 209-1 | 7040970 | 6942758 | 7072583 | 7018771 | 0.96 | cps |
| Bismuth | 209-2 | 4842036 | 4895378 | 4843930 | 4860448 | 0.62 | cps |
| Bromine | 81-1 | 30328 | 32198 | 33384 | 31970 | 4.82 | cps |
| Bromine | 81-2 | 4357 | 4264 | 4177 | 4266 | 2.11 | cps |
| Cadmium | 108-1 | 247 | 180 | 270 | 232 | 20.11 | cps |
| Cadmium | 106-1 | 3117 | 3094 | 3137 | 3116 | 0.70 | cps |
| Cadmium | 111-1 | 4196 | 4070 | 4180 | 4149 | 1.66 | cps |
| Calcium | 43-1 | 446534 | 451407 | 457148 | 451696 | 1.18 | cps |
| Calcium | 44-1 | 6824188 | 6891930 | 6871682 | 6862600 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 186849 | 189184 | 187119 | 187717 | 0.68 | cps |
| Cobalt | 59-2 | 126104 | 124380 | 124360 | 124948 | 0.80 | cps |
| Copper | 63-2 | 303971 | 303491 | 304181 | 303881 | 0.12 | cps |
| Dysprosium | 156-1 | 41327 | 40759 | 41297 | 41128 | 0.78 | cps |
| Dysprosium | 156-2 | 30927 | 31459 | 31208 | 31198 | 0.85 | cps |
| Erbium | 164-1 | 32240 | 32097 | 31642 | 31993 | 0.98 | cps |
| Erbium | 164-2 | 19761 | 19858 | 20338 | 19986 | 1.55 | cps |
| Gadolinium | 160-1 | 39398 | 39338 | 39201 | 39313 | 0.26 | cps |
| Gadolinium | 160-2 | 25957 | 26091 | 25967 | 26005 | 0.29 | cps |
| Holmium | 165-1 | 11041842 | 11008978 | 11019119 | 11023313 | 0.15 | cps |
| Holmium | 165-2 | 6874137 | 6894305 | 6677692 | 6815378 | 1.76 | cps |
| Indium | 115-1 | 8344270 | 8276472 | 8212960 | 8277901 | 0.79 | cps |
| Indium | 115-2 | 2605891 | 2580704 | 2573879 | 2586824 | 0.65 | cps |
| Iron | 56-2 | 106641108 | 105094168 | 105189982 | 105641753 | 0.82 | cps |
| Iron | 57-2 | 2627926 | 2626714 | 2630118 | 2628253 | 0.07 | cps |
| Iron | 54-2 | 5778810 | 5754439 | 5793232 | 5775494 | 0.34 | cps |
| Krypton | 83-1 | 263 | 237 | 213 | 238 | 10.52 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 152821 | 153028 | 155835 | 153894 | 1.09 | cps |
| Lead | 207-1 | 129840 | 132051 | 133128 | 131673 | 1.27 | cps |
| Lead | 208-1 | 597374 | 603722 | 611733 | 604276 | 1.19 | cps |
| Lithium | 6-1 | 1421575 | 1386240 | 1368037 | 1391951 | 1.96 | cps |
| Magnesium | 24-2 | 4830647 | 4774860 | 4790476 | 4798661 | 0.60 | cps |
| Manganese | 55-2 | 3605661 | 3567742 | 3634170 | 3602524 | 0.93 | cps |
| Molybdenum | 94-1 | 45504 | 45755 | 45962 | 45740 | 0.50 | cps |
| Molybdenum | 95-1 | 3534 | 3884 | 3617 | 3678 | 4.97 | cps |
| Molybdenum | 96-1 | 12626 | 12799 | 12632 | 12686 | 0.77 | cps |
| Molybdenum | 97-1 | 2057 | 2310 | 2277 | 2215 | 6.22 | cps |
| Molybdenum | 98-1 | 5651 | 5391 | 5524 | 5522 | 2.36 | cps |
| Neodymium | 150-1 | 75434 | 76526 | 77213 | 76391 | 1.17 | cps |
| Neodymium | 150-2 | 40030 | 39492 | 39325 | 39616 | 0.93 | cps |
| Nickel | 60-2 | 57821 | 57135 | 57409 | 57455 | 0.60 | cps |
| Phosphorus | 31-2 | 15558 | 15091 | 14797 | 15149 | 2.53 | cps |
| Potassium | 39-2 | 2067376 | 2072140 | 2075744 | 2071753 | 0.20 | cps |
| Rhodium | 103-1 | 7454256 | 7590248 | 7558789 | 7534431 | 0.94 | cps |
| Rhodium | 103-2 | 4402339 | 4413936 | 4351827 | 4389367 | 0.75 | cps |
| Scandium | 45-1 | 4496224 | 4462352 | 4445339 | 4467971 | 0.58 | cps |
| Scandium | 45-2 | 405135 | 399868 | 403665 | 402889 | 0.67 | cps |
| Selenium | 82-1 | 516 | 530 | 545 | 530 | 2.74 | cps |
| Selenium | 77-2 | 183 | 157 | 113 | 151 | 23.38 | cps |
| Selenium | 78-2 | 333 | 397 | 350 | 360 | 9.12 | cps |
| Silicon | 28-1 | 25442750 | 25596759 | 25607130 | 25548880 | 0.36 | cps |
| Silver | 107-1 | 2064 | 1950 | 2090 | 2035 | 3.65 | cps |
| Silver | 109-1 | 1863 | 1830 | 1740 | 1811 | 3.52 | cps |
| Sodium | 23-2 | 384589 | 380403 | 381382 | 382125 | 0.57 | cps |
| Strontium | 86-1 | 614315 | 622829 | 620484 | 619209 | 0.71 | cps |
| Strontium | 88-1 | 5607765 | 5621403 | 5663525 | 5630898 | 0.52 | cps |
| Sulfur | 34-1 | 162807 | 162523 | 162639 | 162656 | 0.09 | cps |
| Terbium | 159-1 | 11274124 | 11338304 | 11193307 | 11268578 | 0.64 | cps |
| Terbium | 159-2 | 6793687 | 6675317 | 6595928 | 6688311 | 1.49 | cps |
| Thallium | 203-1 | 2210 | 2227 | 2234 | 2224 | 0.54 | cps |
| Thallium | 205-1 | 5304 | 5268 | 5535 | 5369 | 2.69 | cps |
| Tin | 118-1 | 3250 | 3254 | 3290 | 3265 | 0.68 | cps |
| Titanium | 47-1 | 481711 | 486461 | 489729 | 485967 | 0.83 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:29:46 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 59117 | 60771 | 60319 | 60069 | 1.42 | cps |
| Vanadium | 51-2 | 255542 | 254661 | 256969 | 255724 | 0.46 | cps |
| Yttrium | 89-1 | 13794573 | 13713112 | 13623141 | 13710275 | 0.63 | cps |
| Yttrium | 89-2 | 3362027 | 3320538 | 3318745 | 3333770 | 0.73 | cps |
| Zinc | 66-2 | 143969 | 142515 | 143400 | 143295 | 0.51 | cps |
| Zirconium | 90-1 | 117005 | 118382 | 119246 | 118211 | 0.96 | cps |
| Zirconium | 91-1 | 26628 | 26781 | 27349 | 26919 | 1.41 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5005078 | 4985060 | 4957646 | 4982595 | 0.48 | cps |
| Antimony | 121-1 | 3300 | 3310 | 3404 | 3338 | 1.71 | cps |
| Arsenic | 75-2 | 25222 | 24781 | 25342 | 25115 | 1.18 | cps |
| Barium | 135-1 | 954559 | 958802 | 960222 | 957861 | 0.31 | cps |
| Barium | 137-1 | 1776145 | 1787549 | 1761860 | 1775185 | 0.73 | cps |
| Beryllium | 9-1 | 1178 | 1261 | 1272 | 1237 | 4.17 | cps |
| Bismuth | 209-1 | 6908522 | 6929210 | 6870769 | 6902834 | 0.43 | cps |
| Bismuth | 209-2 | 4814544 | 4800059 | 4845783 | 4820129 | 0.48 | cps |
| Bromine | 81-1 | 15949 | 16403 | 16966 | 16439 | 3.10 | cps |
| Bromine | 81-2 | 1270 | 1360 | 1163 | 1265 | 7.79 | cps |
| Cadmium | 108-1 | 293 | 240 | 237 | 257 | 12.39 | cps |
| Cadmium | 106-1 | 3127 | 3100 | 3157 | 3128 | 0.91 | cps |
| Cadmium | 111-1 | 3487 | 3372 | 3521 | 3460 | 2.25 | cps |
| Calcium | 43-1 | 267220 | 266314 | 266890 | 266808 | 0.17 | cps |
| Calcium | 44-1 | 4071716 | 4098976 | 4091911 | 4087534 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 221476 | 220360 | 221847 | 221228 | 0.35 | cps |
| Cobalt | 59-2 | 198482 | 197994 | 197174 | 197883 | 0.33 | cps |
| Copper | 63-2 | 528062 | 524917 | 530077 | 527685 | 0.49 | cps |
| Dysprosium | 156-1 | 53732 | 53371 | 53676 | 53593 | 0.36 | cps |
| Dysprosium | 156-2 | 40441 | 39910 | 40314 | 40222 | 0.69 | cps |
| Erbium | 164-1 | 39710 | 40275 | 40990 | 40325 | 1.59 | cps |
| Erbium | 164-2 | 25253 | 25166 | 25016 | 25145 | 0.48 | cps |
| Gadolinium | 160-1 | 50384 | 51116 | 51002 | 50834 | 0.78 | cps |
| Gadolinium | 160-2 | 33487 | 33904 | 33213 | 33535 | 1.04 | cps |
| Holmium | 165-1 | 11151664 | 10951808 | 10816498 | 10973323 | 1.54 | cps |
| Holmium | 165-2 | 6765954 | 6783626 | 6736368 | 6761983 | 0.35 | cps |
| Indium | 115-1 | 8338251 | 8214146 | 8121779 | 8224725 | 1.32 | cps |
| Indium | 115-2 | 2595467 | 2541444 | 2580657 | 2572523 | 1.09 | cps |
| Iron | 56-2 | 165994891 | 163251524 | 162884604 | 164043673 | 1.04 | cps |
| Iron | 57-2 | 4100312 | 4065841 | 4092568 | 4086240 | 0.44 | cps |
| Iron | 54-2 | 8972125 | 9068728 | 9011223 | 9017359 | 0.54 | cps |
| Krypton | 83-1 | 270 | 283 | 237 | 263 | 9.13 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 192578 | 190944 | 191976 | 191833 | 0.43 | cps |
| Lead | 207-1 | 164648 | 163608 | 165771 | 164675 | 0.66 | cps |
| Lead | 208-1 | 750227 | 756806 | 757365 | 754799 | 0.53 | cps |
| Lithium | 6-1 | 1373286 | 1387625 | 1380607 | 1380506 | 0.52 | cps |
| Magnesium | 24-2 | 5006973 | 4931263 | 4992216 | 4976817 | 0.81 | cps |
| Manganese | 55-2 | 7059199 | 7047746 | 7004348 | 7037098 | 0.41 | cps |
| Molybdenum | 94-1 | 59986 | 61395 | 60357 | 60579 | 1.21 | cps |
| Molybdenum | 95-1 | 4878 | 5028 | 4904 | 4936 | 1.62 | cps |
| Molybdenum | 96-1 | 17394 | 17300 | 17010 | 17235 | 1.16 | cps |
| Molybdenum | 97-1 | 2920 | 2964 | 2867 | 2917 | 1.66 | cps |
| Molybdenum | 98-1 | 7625 | 7449 | 7329 | 7468 | 2.00 | cps |
| Neodymium | 150-1 | 96165 | 96537 | 97115 | 96606 | 0.50 | cps |
| Neodymium | 150-2 | 50965 | 50968 | 50534 | 50822 | 0.49 | cps |
| Nickel | 60-2 | 81728 | 80149 | 80518 | 80798 | 1.02 | cps |
| Phosphorus | 31-2 | 18545 | 18728 | 18438 | 18570 | 0.79 | cps |
| Potassium | 39-2 | 2612506 | 2570720 | 2586228 | 2589818 | 0.82 | cps |
| Rhodium | 103-1 | 7480942 | 7521734 | 7456836 | 7486504 | 0.44 | cps |
| Rhodium | 103-2 | 4386671 | 4353897 | 4388829 | 4376466 | 0.45 | cps |
| Scandium | 45-1 | 4552294 | 4532716 | 4492972 | 4525994 | 0.67 | cps |
| Scandium | 45-2 | 405394 | 402393 | 405043 | 404277 | 0.41 | cps |
| Selenium | 82-1 | 481 | 434 | 566 | 493 | 13.55 | cps |
| Selenium | 77-2 | 200 | 180 | 147 | 176 | 15.35 | cps |
| Selenium | 78-2 | 370 | 323 | 320 | 338 | 8.28 | cps |
| Silicon | 28-1 | 14302049 | 14457914 | 14296290 | 14352084 | 0.64 | cps |
| Silver | 107-1 | 3357 | 3711 | 3520 | 3529 | 5.01 | cps |
| Silver | 109-1 | 3280 | 3257 | 3314 | 3284 | 0.87 | cps |
| Sodium | 23-2 | 80539 | 79795 | 79571 | 79969 | 0.63 | cps |
| Strontium | 86-1 | 169082 | 172691 | 171844 | 171206 | 1.10 | cps |
| Strontium | 88-1 | 1553641 | 1553387 | 1529376 | 1545468 | 0.90 | cps |
| Sulfur | 34-1 | 143677 | 145040 | 146895 | 145204 | 1.11 | cps |
| Terbium | 159-1 | 11316729 | 11180145 | 11040369 | 11179081 | 1.24 | cps |
| Terbium | 159-2 | 6689663 | 6739084 | 6776619 | 6735122 | 0.65 | cps |
| Thallium | 203-1 | 1923 | 1800 | 1803 | 1842 | 3.81 | cps |
| Thallium | 205-1 | 4047 | 4124 | 4334 | 4168 | 3.56 | cps |
| Tin | 118-1 | 3804 | 3804 | 3821 | 3809 | 0.25 | cps |
| Titanium | 47-1 | 515974 | 521909 | 519408 | 519097 | 0.57 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:32:54 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23023 | 22552 | 22843 | 22806 | 1.04 | cps |
| Vanadium | 51-2 | 283997 | 282898 | 284832 | 283909 | 0.34 | cps |
| Yttrium | 89-1 | 13899476 | 13820232 | 13745324 | 13821678 | 0.56 | cps |
| Yttrium | 89-2 | 3374139 | 3305883 | 3318647 | 3332890 | 1.09 | cps |
| Zinc | 66-2 | 105771 | 104599 | 105643 | 105338 | 0.61 | cps |
| Zirconium | 90-1 | 156550 | 155880 | 156319 | 156250 | 0.22 | cps |
| Zirconium | 91-1 | 34611 | 35052 | 35309 | 34991 | 1.01 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4745546 | 4736095 | 4719863 | 4733835 | 0.27 | cps |
| Antimony | 121-1 | 2507 | 2700 | 2567 | 2591 | 3.82 | cps |
| Arsenic | 75-2 | 17761 | 17247 | 16953 | 17320 | 2.36 | cps |
| Barium | 135-1 | 806440 | 816984 | 823151 | 815525 | 1.04 | cps |
| Barium | 137-1 | 1392997 | 1420705 | 1415248 | 1409650 | 1.04 | cps |
| Beryllium | 9-1 | 1145 | 1245 | 1333 | 1241 | 7.62 | cps |
| Bismuth | 209-1 | 6933372 | 6869521 | 6829416 | 6877436 | 0.76 | cps |
| Bismuth | 209-2 | 4783513 | 4851215 | 4785948 | 4806892 | 0.80 | cps |
| Bromine | 81-1 | 30168 | 35486 | 37631 | 34428 | 11.16 | cps |
| Bromine | 81-2 | 5198 | 5111 | 5508 | 5272 | 3.96 | cps |
| Cadmium | 108-1 | 183 | 187 | 243 | 204 | 16.49 | cps |
| Cadmium | 106-1 | 3020 | 2944 | 2787 | 2917 | 4.08 | cps |
| Cadmium | 111-1 | 3399 | 3387 | 3224 | 3337 | 2.93 | cps |
| Calcium | 43-1 | 334926 | 341281 | 343001 | 339736 | 1.25 | cps |
| Calcium | 44-1 | 5160043 | 5195285 | 5199459 | 5184929 | 0.42 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 184983 | 182018 | 182547 | 183183 | 0.86 | cps |
| Cobalt | 59-2 | 138078 | 139111 | 136679 | 137956 | 0.88 | cps |
| Copper | 63-2 | 260665 | 258906 | 258782 | 259451 | 0.41 | cps |
| Dysprosium | 156-1 | 44203 | 44614 | 44360 | 44392 | 0.47 | cps |
| Dysprosium | 156-2 | 33670 | 34546 | 33583 | 33933 | 1.57 | cps |
| Erbium | 164-1 | 33062 | 34152 | 33737 | 33651 | 1.63 | cps |
| Erbium | 164-2 | 20502 | 20719 | 21023 | 20748 | 1.26 | cps |
| Gadolinium | 160-1 | 40646 | 42143 | 41933 | 41574 | 1.95 | cps |
| Gadolinium | 160-2 | 28232 | 27601 | 28035 | 27956 | 1.16 | cps |
| Holmium | 165-1 | 10935699 | 10839374 | 10784454 | 10853176 | 0.71 | cps |
| Holmium | 165-2 | 6738904 | 6731012 | 6667113 | 6712343 | 0.59 | cps |
| Indium | 115-1 | 8196642 | 8106124 | 8067346 | 8123370 | 0.82 | cps |
| Indium | 115-2 | 2554215 | 2543249 | 2531361 | 2542942 | 0.45 | cps |
| Iron | 56-2 | 118200962 | 118651712 | 117802512 | 118218395 | 0.36 | cps |
| Iron | 57-2 | 2922323 | 2939359 | 2936476 | 2932719 | 0.31 | cps |
| Iron | 54-2 | 6426777 | 6364769 | 6416722 | 6402756 | 0.52 | cps |
| Krypton | 83-1 | 153 | 257 | 217 | 209 | 24.94 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 143968 | 146585 | 146432 | 145661 | 1.01 | cps |
| Lead | 207-1 | 122133 | 124689 | 124972 | 123931 | 1.26 | cps |
| Lead | 208-1 | 562226 | 571430 | 572965 | 568873 | 1.02 | cps |
| Lithium | 6-1 | 1404551 | 1326740 | 1373877 | 1368389 | 2.86 | cps |
| Magnesium | 24-2 | 4737786 | 4764085 | 4788979 | 4763617 | 0.54 | cps |
| Manganese | 55-2 | 4241302 | 4269934 | 4302745 | 4271327 | 0.72 | cps |
| Molybdenum | 94-1 | 38614 | 39413 | 40760 | 39596 | 2.74 | cps |
| Molybdenum | 95-1 | 3504 | 3244 | 3517 | 3422 | 4.51 | cps |
| Molybdenum | 96-1 | 11334 | 11832 | 11164 | 11443 | 3.03 | cps |
| Molybdenum | 97-1 | 1910 | 1973 | 1970 | 1951 | 1.83 | cps |
| Molybdenum | 98-1 | 4754 | 4944 | 5001 | 4900 | 2.64 | cps |
| Neodymium | 150-1 | 81155 | 82425 | 82680 | 82087 | 1.00 | cps |
| Neodymium | 150-2 | 43514 | 42153 | 42471 | 42712 | 1.67 | cps |
| Nickel | 60-2 | 61104 | 60324 | 60846 | 60758 | 0.65 | cps |
| Phosphorus | 31-2 | 16793 | 16589 | 16502 | 16628 | 0.90 | cps |
| Potassium | 39-2 | 2038992 | 2030016 | 2037507 | 2035505 | 0.24 | cps |
| Rhodium | 103-1 | 7501365 | 7363900 | 7418114 | 7427793 | 0.93 | cps |
| Rhodium | 103-2 | 4447412 | 4356441 | 4334422 | 4379425 | 1.37 | cps |
| Scandium | 45-1 | 4384574 | 4370658 | 4411747 | 4388993 | 0.48 | cps |
| Scandium | 45-2 | 397650 | 401649 | 396936 | 398745 | 0.64 | cps |
| Selenium | 82-1 | 629 | 503 | 554 | 562 | 11.35 | cps |
| Selenium | 77-2 | 143 | 147 | 143 | 144 | 1.33 | cps |
| Selenium | 78-2 | 387 | 370 | 393 | 383 | 3.13 | cps |
| Silicon | 28-1 | 22916121 | 23296456 | 23166455 | 23126344 | 0.84 | cps |
| Silver | 107-1 | 4161 | 4497 | 4561 | 4406 | 4.88 | cps |
| Silver | 109-1 | 4007 | 4224 | 4241 | 4157 | 3.13 | cps |
| Sodium | 23-2 | 204860 | 206377 | 206877 | 206038 | 0.51 | cps |
| Strontium | 86-1 | 463291 | 473097 | 477175 | 471188 | 1.51 | cps |
| Strontium | 88-1 | 4216832 | 4230638 | 4316929 | 4254800 | 1.27 | cps |
| Sulfur | 34-1 | 155115 | 152950 | 152388 | 153484 | 0.94 | cps |
| Terbium | 159-1 | 11105300 | 11056930 | 11030662 | 11064297 | 0.34 | cps |
| Terbium | 159-2 | 6712045 | 6672876 | 6543390 | 6642770 | 1.33 | cps |
| Thallium | 203-1 | 7852 | 8012 | 8356 | 8074 | 3.19 | cps |
| Thallium | 205-1 | 19087 | 19694 | 19517 | 19433 | 1.61 | cps |
| Tin | 118-1 | 6328 | 7207 | 6672 | 6736 | 6.58 | cps |
| Titanium | 47-1 | 503362 | 514621 | 514213 | 510732 | 1.25 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 21795 | 22683 | 22102 | 22193 | 2.03 | cps |
| Vanadium | 51-2 | 245771 | 244527 | 245193 | 245164 | 0.25 | cps |
| Yttrium | 89-1 | 13591597 | 13535094 | 13648442 | 13591711 | 0.42 | cps |
| Yttrium | 89-2 | 3301791 | 3274534 | 3259634 | 3278653 | 0.65 | cps |
| Zinc | 66-2 | 137486 | 139201 | 136971 | 137886 | 0.85 | cps |
| Zirconium | 90-1 | 101712 | 103391 | 103901 | 103001 | 1.11 | cps |
| Zirconium | 91-1 | 22955 | 23399 | 23502 | 23285 | 1.25 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7369272 | 7286597 | 7290927 | 7315599 | 0.64 | cps |
| Antimony | 121-1 | 1407 | 1483 | 1417 | 1436 | 2.90 | cps |
| Arsenic | 75-2 | 13853 | 14427 | 14444 | 14241 | 2.36 | cps |
| Barium | 135-1 | 1196793 | 1220031 | 1218603 | 1211809 | 1.07 | cps |
| Barium | 137-1 | 2270623 | 2277280 | 2287068 | 2278324 | 0.36 | cps |
| Beryllium | 9-1 | 2050 | 1933 | 1745 | 1909 | 8.08 | cps |
| Bismuth | 209-1 | 6875619 | 6923361 | 6765856 | 6854945 | 1.18 | cps |
| Bismuth | 209-2 | 4847781 | 4784158 | 4890570 | 4840836 | 1.11 | cps |
| Bromine | 81-1 | 22033 | 24093 | 24838 | 23655 | 6.14 | cps |
| Bromine | 81-2 | 2884 | 2867 | 3007 | 2919 | 2.62 | cps |
| Cadmium | 108-1 | 193 | 150 | 133 | 159 | 19.49 | cps |
| Cadmium | 106-1 | 3307 | 2847 | 2787 | 2980 | 9.55 | cps |
| Cadmium | 111-1 | 2863 | 2685 | 2558 | 2702 | 5.68 | cps |
| Calcium | 43-1 | 284418 | 285581 | 286600 | 285533 | 0.38 | cps |
| Calcium | 44-1 | 4326815 | 4332988 | 4301055 | 4320286 | 0.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 215345 | 214361 | 215549 | 215085 | 0.30 | cps |
| Cobalt | 59-2 | 194202 | 191255 | 190996 | 192151 | 0.93 | cps |
| Copper | 63-2 | 279792 | 281039 | 277480 | 279437 | 0.65 | cps |
| Dysprosium | 156-1 | 70566 | 71514 | 70506 | 70862 | 0.80 | cps |
| Dysprosium | 156-2 | 53622 | 53655 | 52859 | 53379 | 0.84 | cps |
| Erbium | 164-1 | 53458 | 53100 | 53599 | 53386 | 0.48 | cps |
| Erbium | 164-2 | 33370 | 32889 | 33153 | 33137 | 0.73 | cps |
| Gadolinium | 160-1 | 67321 | 66942 | 66982 | 67082 | 0.31 | cps |
| Gadolinium | 160-2 | 45025 | 44363 | 44190 | 44526 | 0.99 | cps |
| Holmium | 165-1 | 10860000 | 10983681 | 10761216 | 10868299 | 1.03 | cps |
| Holmium | 165-2 | 6789669 | 6709966 | 6734119 | 6744585 | 0.61 | cps |
| Indium | 115-1 | 8190914 | 8268438 | 8237886 | 8232413 | 0.47 | cps |
| Indium | 115-2 | 2554049 | 2554980 | 2549101 | 2552710 | 0.12 | cps |
| Iron | 56-2 | 161969221 | 162228768 | 161788278 | 161995422 | 0.14 | cps |
| Iron | 57-2 | 4050461 | 4042456 | 3982547 | 4025155 | 0.92 | cps |
| Iron | 54-2 | 8852353 | 8779148 | 8885883 | 8839128 | 0.62 | cps |
| Krypton | 83-1 | 277 | 147 | 273 | 232 | 31.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 169563 | 172607 | 171541 | 171237 | 0.90 | cps |
| Lead | 207-1 | 142960 | 145347 | 145644 | 144650 | 1.02 | cps |
| Lead | 208-1 | 660539 | 669578 | 670667 | 666928 | 0.83 | cps |
| Lithium | 6-1 | 1361446 | 1383924 | 1376641 | 1374004 | 0.83 | cps |
| Magnesium | 24-2 | 5655346 | 5730053 | 5650388 | 5678596 | 0.79 | cps |
| Manganese | 55-2 | 5189964 | 5103881 | 5113678 | 5135841 | 0.92 | cps |
| Molybdenum | 94-1 | 62888 | 63574 | 64819 | 63760 | 1.54 | cps |
| Molybdenum | 95-1 | 2130 | 1990 | 1973 | 2031 | 4.24 | cps |
| Molybdenum | 96-1 | 14908 | 15131 | 14678 | 14905 | 1.52 | cps |
| Molybdenum | 97-1 | 1163 | 1207 | 1097 | 1156 | 4.80 | cps |
| Molybdenum | 98-1 | 2724 | 2957 | 2894 | 2858 | 4.22 | cps |
| Neodymium | 150-1 | 130033 | 129145 | 132213 | 130463 | 1.21 | cps |
| Neodymium | 150-2 | 68482 | 68927 | 68006 | 68472 | 0.67 | cps |
| Nickel | 60-2 | 87329 | 87004 | 87949 | 87427 | 0.55 | cps |
| Phosphorus | 31-2 | 14751 | 15148 | 14871 | 14923 | 1.36 | cps |
| Potassium | 39-2 | 2979827 | 2983431 | 2979773 | 2981010 | 0.07 | cps |
| Rhodium | 103-1 | 7478924 | 7404341 | 7324827 | 7402697 | 1.04 | cps |
| Rhodium | 103-2 | 4452377 | 4342423 | 4429902 | 4408234 | 1.32 | cps |
| Scandium | 45-1 | 4555055 | 4473829 | 4490464 | 4506449 | 0.95 | cps |
| Scandium | 45-2 | 407772 | 401291 | 405124 | 404729 | 0.81 | cps |
| Selenium | 82-1 | 572 | 622 | 465 | 553 | 14.54 | cps |
| Selenium | 77-2 | 187 | 263 | 223 | 224 | 17.08 | cps |
| Selenium | 78-2 | 420 | 393 | 363 | 392 | 7.23 | cps |
| Silicon | 28-1 | 22845595 | 23081984 | 23121434 | 23016338 | 0.65 | cps |
| Silver | 107-1 | 1143 | 1217 | 1277 | 1212 | 5.51 | cps |
| Silver | 109-1 | 1070 | 1187 | 1163 | 1140 | 5.42 | cps |
| Sodium | 23-2 | 78036 | 79035 | 79420 | 78830 | 0.91 | cps |
| Strontium | 86-1 | 242066 | 246605 | 246240 | 244970 | 1.03 | cps |
| Strontium | 88-1 | 2195244 | 2228408 | 2244092 | 2222581 | 1.12 | cps |
| Sulfur | 34-1 | 126045 | 123709 | 123659 | 124471 | 1.10 | cps |
| Terbium | 159-1 | 11176521 | 11066844 | 11102577 | 11115314 | 0.50 | cps |
| Terbium | 159-2 | 6746294 | 6581658 | 6593074 | 6640342 | 1.38 | cps |
| Thallium | 203-1 | 2210 | 2277 | 2177 | 2221 | 2.29 | cps |
| Thallium | 205-1 | 5344 | 5504 | 5354 | 5401 | 1.66 | cps |
| Tin | 118-1 | 3661 | 3497 | 3520 | 3559 | 2.48 | cps |
| Titanium | 47-1 | 742270 | 746782 | 750021 | 746358 | 0.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 21527 | 21711 | 22189 | 21809 | 1.56 | cps |
| Vanadium | 51-2 | 303009 | 300757 | 302630 | 302132 | 0.40 | cps |
| Yttrium | 89-1 | 13877827 | 13910512 | 13859536 | 13882625 | 0.19 | cps |
| Yttrium | 89-2 | 3395234 | 3361195 | 3410297 | 3388909 | 0.74 | cps |
| Zinc | 66-2 | 87977 | 87135 | 88078 | 87730 | 0.59 | cps |
| Zirconium | 90-1 | 167347 | 171390 | 171714 | 170151 | 1.43 | cps |
| Zirconium | 91-1 | 37839 | 37865 | 38240 | 37981 | 0.59 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5540375 | 5652410 | 5549131 | 5580638 | 1.12 | cps |
| Antimony | 121-1 | 3687 | 3737 | 3804 | 3743 | 1.56 | cps |
| Arsenic | 75-2 | 19069 | 18819 | 19086 | 18991 | 0.79 | cps |
| Barium | 135-1 | 925275 | 941732 | 937281 | 934763 | 0.91 | cps |
| Barium | 137-1 | 1727433 | 1718810 | 1737552 | 1727931 | 0.54 | cps |
| Beryllium | 9-1 | 1483 | 1517 | 1417 | 1472 | 3.46 | cps |
| Bismuth | 209-1 | 6890062 | 6964070 | 6883111 | 6912414 | 0.65 | cps |
| Bismuth | 209-2 | 4837833 | 4876668 | 4806968 | 4840490 | 0.72 | cps |
| Bromine | 81-1 | 15992 | 16893 | 16913 | 16599 | 3.17 | cps |
| Bromine | 81-2 | 1323 | 1230 | 1437 | 1330 | 7.78 | cps |
| Cadmium | 108-1 | 307 | 310 | 347 | 321 | 6.91 | cps |
| Cadmium | 106-1 | 3170 | 3090 | 2884 | 3048 | 4.85 | cps |
| Cadmium | 111-1 | 4602 | 4883 | 4590 | 4691 | 3.54 | cps |
| Calcium | 43-1 | 253642 | 255699 | 256465 | 255269 | 0.57 | cps |
| Calcium | 44-1 | 3872973 | 3923831 | 3910336 | 3902380 | 0.68 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207636 | 208056 | 209532 | 208408 | 0.48 | cps |
| Cobalt | 59-2 | 198562 | 198549 | 198339 | 198483 | 0.06 | cps |
| Copper | 63-2 | 610032 | 614013 | 612501 | 612182 | 0.33 | cps |
| Dysprosium | 156-1 | 56778 | 57705 | 57852 | 57445 | 1.01 | cps |
| Dysprosium | 156-2 | 43423 | 43119 | 43256 | 43266 | 0.35 | cps |
| Erbium | 164-1 | 43698 | 44096 | 44969 | 44254 | 1.47 | cps |
| Erbium | 164-2 | 26939 | 27340 | 27624 | 27301 | 1.26 | cps |
| Gadolinium | 160-1 | 53073 | 53843 | 54653 | 53856 | 1.47 | cps |
| Gadolinium | 160-2 | 34950 | 35461 | 35522 | 35311 | 0.89 | cps |
| Holmium | 165-1 | 10714550 | 10939493 | 10825744 | 10826596 | 1.04 | cps |
| Holmium | 165-2 | 6685737 | 6684479 | 6632875 | 6667697 | 0.45 | cps |
| Indium | 115-1 | 8173128 | 8186245 | 8006869 | 8122081 | 1.23 | cps |
| Indium | 115-2 | 2556291 | 2569440 | 2585361 | 2570364 | 0.57 | cps |
| Iron | 56-2 | 152182458 | 152503191 | 152307894 | 152331181 | 0.11 | cps |
| Iron | 57-2 | 3785228 | 3852591 | 3794705 | 3810841 | 0.96 | cps |
| Iron | 54-2 | 8304761 | 8333757 | 8242890 | 8293803 | 0.56 | cps |
| Krypton | 83-1 | 207 | 253 | 233 | 231 | 10.13 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 383073 | 391997 | 386793 | 387288 | 1.16 | cps |
| Lead | 207-1 | 335447 | 337154 | 334297 | 335633 | 0.43 | cps |
| Lead | 208-1 | 1510450 | 1534472 | 1523514 | 1522812 | 0.79 | cps |
| Lithium | 6-1 | 1357814 | 1342605 | 1365656 | 1355358 | 0.86 | cps |
| Magnesium | 24-2 | 5001755 | 5037254 | 4942116 | 4993708 | 0.96 | cps |
| Manganese | 55-2 | 5212143 | 5237123 | 5229833 | 5226366 | 0.25 | cps |
| Molybdenum | 94-1 | 63781 | 64401 | 63755 | 63979 | 0.57 | cps |
| Molybdenum | 95-1 | 2504 | 2570 | 2630 | 2568 | 2.47 | cps |
| Molybdenum | 96-1 | 15208 | 14951 | 15465 | 15208 | 1.69 | cps |
| Molybdenum | 97-1 | 1390 | 1443 | 1560 | 1465 | 5.94 | cps |
| Molybdenum | 98-1 | 3851 | 3784 | 3707 | 3781 | 1.90 | cps |
| Neodymium | 150-1 | 106871 | 107936 | 107744 | 107517 | 0.53 | cps |
| Neodymium | 150-2 | 56439 | 56600 | 55807 | 56282 | 0.75 | cps |
| Nickel | 60-2 | 87956 | 87577 | 88204 | 87912 | 0.36 | cps |
| Phosphorus | 31-2 | 20504 | 21355 | 20023 | 20627 | 3.27 | cps |
| Potassium | 39-2 | 3207643 | 3201029 | 3202946 | 3203873 | 0.11 | cps |
| Rhodium | 103-1 | 7415043 | 7368303 | 7333512 | 7372286 | 0.55 | cps |
| Rhodium | 103-2 | 4361090 | 4357318 | 4353371 | 4357260 | 0.09 | cps |
| Scandium | 45-1 | 4436258 | 4419875 | 4436987 | 4431040 | 0.22 | cps |
| Scandium | 45-2 | 399331 | 404044 | 399355 | 400910 | 0.68 | cps |
| Selenium | 82-1 | 600 | 539 | 507 | 549 | 8.52 | cps |
| Selenium | 77-2 | 180 | 173 | 187 | 180 | 3.70 | cps |
| Selenium | 78-2 | 360 | 343 | 367 | 357 | 3.37 | cps |
| Silicon | 28-1 | 28390574 | 28442900 | 28691810 | 28508428 | 0.56 | cps |
| Silver | 107-1 | 3444 | 3807 | 3654 | 3635 | 5.02 | cps |
| Silver | 109-1 | 3514 | 3464 | 3567 | 3515 | 1.47 | cps |
| Sodium | 23-2 | 69362 | 71508 | 70159 | 70343 | 1.54 | cps |
| Strontium | 86-1 | 176136 | 178923 | 180032 | 178364 | 1.13 | cps |
| Strontium | 88-1 | 1582337 | 1639761 | 1640506 | 1620868 | 2.06 | cps |
| Sulfur | 34-1 | 123618 | 121213 | 121044 | 121958 | 1.18 | cps |
| Terbium | 159-1 | 11180070 | 11035393 | 11019264 | 11078242 | 0.80 | cps |
| Terbium | 159-2 | 6773164 | 6739722 | 6739591 | 6750826 | 0.29 | cps |
| Thallium | 203-1 | 3060 | 3030 | 3077 | 3056 | 0.77 | cps |
| Thallium | 205-1 | 7372 | 7372 | 7229 | 7324 | 1.13 | cps |
| Tin | 118-1 | 4247 | 4181 | 4324 | 4251 | 1.69 | cps |
| Titanium | 47-1 | 668463 | 674596 | 680349 | 674469 | 0.88 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:42:15 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 22028 | 21768 | 22990 | 22262 | 2.89 | cps |
| Vanadium | 51-2 | 297620 | 297838 | 296698 | 297385 | 0.20 | cps |
| Yttrium | 89-1 | 13603807 | 13639720 | 13638481 | 13627336 | 0.15 | cps |
| Yttrium | 89-2 | 3333498 | 3338014 | 3333645 | 3335052 | 0.08 | cps |
| Zinc | 66-2 | 130252 | 131133 | 130618 | 130668 | 0.34 | cps |
| Zirconium | 90-1 | 168296 | 170062 | 171147 | 169835 | 0.85 | cps |
| Zirconium | 91-1 | 37515 | 37949 | 38567 | 38010 | 1.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10700793 | 10591440 | 10798080 | 10696771 | 0.97 | cps |
| Antimony | 121-1 | 4914221 | 4950635 | 4979690 | 4948182 | 0.66 | cps |
| Arsenic | 75-2 | 244596 | 247209 | 251109 | 247638 | 1.32 | cps |
| Barium | 135-1 | 6797388 | 6747953 | 6794053 | 6779798 | 0.41 | cps |
| Barium | 137-1 | 11696079 | 11610993 | 11636566 | 11647880 | 0.37 | cps |
| Beryllium | 9-1 | 719824 | 724093 | 732330 | 725416 | 0.88 | cps |
| Bismuth | 209-1 | 6217335 | 6359856 | 6319897 | 6299029 | 1.17 | cps |
| Bismuth | 209-2 | 4259134 | 4317657 | 4388377 | 4321723 | 1.50 | cps |
| Bromine | 81-1 | 11451 | 10607 | 10290 | 10783 | 5.56 | cps |
| Bromine | 81-2 | 160 | 180 | 170 | 170 | 5.88 | cps |
| Cadmium | 108-1 | 90205 | 90298 | 90563 | 90356 | 0.21 | cps |
| Cadmium | 106-1 | 130130 | 129803 | 129091 | 129675 | 0.41 | cps |
| Cadmium | 111-1 | 1216593 | 1226502 | 1218032 | 1220376 | 0.44 | cps |
| Calcium | 43-1 | 6390081 | 6358864 | 6394660 | 6381202 | 0.31 | cps |
| Calcium | 44-1 | 102110468 | 101288598 | 101640828 | 101679965 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1935804 | 1945486 | 1940543 | 1940611 | 0.25 | cps |
| Cobalt | 59-2 | 3127627 | 3168142 | 3186441 | 3160737 | 0.95 | cps |
| Copper | 63-2 | 22123340 | 21977832 | 22136478 | 22079217 | 0.40 | cps |
| Dysprosium | 156-1 | 277 | 300 | 307 | 294 | 5.35 | cps |
| Dysprosium | 156-2 | 313 | 390 | 373 | 359 | 11.24 | cps |
| Erbium | 164-1 | 357 | 390 | 303 | 350 | 12.49 | cps |
| Erbium | 164-2 | 213 | 200 | 160 | 191 | 14.52 | cps |
| Gadolinium | 160-1 | 237 | 313 | 303 | 284 | 14.65 | cps |
| Gadolinium | 160-2 | 367 | 390 | 433 | 397 | 8.53 | cps |
| Holmium | 165-1 | 10601144 | 10658123 | 10584197 | 10614488 | 0.36 | cps |
| Holmium | 165-2 | 6444533 | 6428882 | 6558282 | 6477232 | 1.09 | cps |
| Indium | 115-1 | 7676228 | 7620649 | 7599986 | 7632288 | 0.52 | cps |
| Indium | 115-2 | 2354330 | 2360703 | 2376854 | 2363962 | 0.49 | cps |
| Iron | 56-2 | 418812154 | 418279367 | 421764500 | 419618674 | 0.45 | cps |
| Iron | 57-2 | 10494988 | 10334303 | 10592267 | 10473853 | 1.24 | cps |
| Iron | 54-2 | 23012309 | 22892415 | 22991833 | 22965519 | 0.28 | cps |
| Krypton | 83-1 | 190 | 223 | 210 | 208 | 8.08 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20048155 | 20681948 | 20550431 | 20426845 | 1.64 | cps |
| Lead | 207-1 | 17638189 | 18095664 | 18173110 | 17968988 | 1.61 | cps |
| Lead | 208-1 | 79720360 | 82385970 | 82368220 | 81491517 | 1.88 | cps |
| Lithium | 6-1 | 1344607 | 1337713 | 1338070 | 1340130 | 0.29 | cps |
| Magnesium | 24-2 | 91933982 | 91552495 | 92539122 | 92008533 | 0.54 | cps |
| Manganese | 55-2 | 14176839 | 14294108 | 14228439 | 14233129 | 0.41 | cps |
| Molybdenum | 94-1 | 18762022 | 18783945 | 18593395 | 18713121 | 0.56 | cps |
| Molybdenum | 95-1 | 27401785 | 27339554 | 27283204 | 27341514 | 0.22 | cps |
| Molybdenum | 96-1 | 29692145 | 29870022 | 29826724 | 29796297 | 0.31 | cps |
| Molybdenum | 97-1 | 17107639 | 17203238 | 17269444 | 17193440 | 0.47 | cps |
| Molybdenum | 98-1 | 44161099 | 44054179 | 44202514 | 44139264 | 0.17 | cps |
| Neodymium | 150-1 | 447 | 390 | 417 | 418 | 6.79 | cps |
| Neodymium | 150-2 | 140 | 147 | 153 | 147 | 4.55 | cps |
| Nickel | 60-2 | 754568 | 749641 | 754753 | 752987 | 0.39 | cps |
| Phosphorus | 31-2 | 111015 | 109850 | 112217 | 111028 | 1.07 | cps |
| Potassium | 39-2 | 54203034 | 53951786 | 54238088 | 54130969 | 0.29 | cps |
| Rhodium | 103-1 | 6832444 | 6790669 | 6772002 | 6798372 | 0.46 | cps |
| Rhodium | 103-2 | 3899394 | 3961363 | 3943081 | 3934612 | 0.81 | cps |
| Scandium | 45-1 | 4270276 | 4201509 | 4172668 | 4214818 | 1.19 | cps |
| Scandium | 45-2 | 376998 | 382180 | 382985 | 380721 | 0.85 | cps |
| Selenium | 82-1 | 75482 | 75574 | 75083 | 75380 | 0.35 | cps |
| Selenium | 77-2 | 7088 | 6862 | 6815 | 6922 | 2.11 | cps |
| Selenium | 78-2 | 22911 | 23025 | 22925 | 22953 | 0.27 | cps |
| Silicon | 28-1 | 40862380 | 40672025 | 40617581 | 40717329 | 0.32 | cps |
| Silver | 107-1 | 6309291 | 6256485 | 6239976 | 6268584 | 0.58 | cps |
| Silver | 109-1 | 5873406 | 5962590 | 5793018 | 5876338 | 1.44 | cps |
| Sodium | 23-2 | 150978801 | 148088024 | 151364148 | 150143658 | 1.19 | cps |
| Strontium | 86-1 | 39569839 | 39397043 | 39298609 | 39421830 | 0.35 | cps |
| Strontium | 88-1 | 345775222 | 345439555 | 345098315 | 345437697 | 0.10 | cps |
| Sulfur | 34-1 | 524127 | 515181 | 513084 | 517464 | 1.13 | cps |
| Terbium | 159-1 | 10676020 | 10971194 | 10779538 | 10808917 | 1.39 | cps |
| Terbium | 159-2 | 6331980 | 6476506 | 6469334 | 6425940 | 1.27 | cps |
| Thallium | 203-1 | 5033460 | 5160710 | 5148341 | 5114170 | 1.37 | cps |
| Thallium | 205-1 | 12115217 | 12431889 | 12349829 | 12298978 | 1.34 | cps |
| Tin | 118-1 | 4177687 | 4220142 | 4148179 | 4182003 | 0.87 | cps |
| Titanium | 47-1 | 6505407 | 6470384 | 6454091 | 6476627 | 0.40 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:45:23 | DataFile Name : | 081CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16288011 | 16543704 | 16286099 | 16372605 | 0.91 | cps |
| Vanadium | 51-2 | 1754489 | 1738795 | 1744190 | 1745825 | 0.46 | cps |
| Yttrium | 89-1 | 12854404 | 12898827 | 12538911 | 12764047 | 1.54 | cps |
| Yttrium | 89-2 | 3023581 | 3058206 | 3099613 | 3060467 | 1.24 | cps |
| Zinc | 66-2 | 3451484 | 3456438 | 3472885 | 3460269 | 0.32 | cps |
| Zirconium | 90-1 | 8655969 | 8613413 | 8586108 | 8618497 | 0.41 | cps |
| Zirconium | 91-1 | 1913222 | 1929143 | 1929698 | 1924021 | 0.49 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 967 | 1083 | 957 | 1002 | 7.03 | cps |
| Antimony | 121-1 | 3460 | 3497 | 3354 | 3437 | 2.17 | cps |
| Arsenic | 75-2 | 17 | 10 | 13 | 13 | 25.01 | cps |
| Barium | 135-1 | 460 | 420 | 417 | 432 | 5.58 | cps |
| Barium | 137-1 | 873 | 753 | 733 | 787 | 9.63 | cps |
| Beryllium | 9-1 | 94 | 78 | 78 | 83 | 11.55 | cps |
| Bismuth | 209-1 | 6878428 | 7025736 | 6910187 | 6938117 | 1.12 | cps |
| Bismuth | 209-2 | 4856022 | 4875398 | 4907220 | 4879547 | 0.53 | cps |
| Bromine | 81-1 | 10237 | 10180 | 10207 | 10208 | 0.28 | cps |
| Bromine | 81-2 | 110 | 117 | 53 | 93 | 37.29 | cps |
| Cadmium | 108-1 | 13 | 20 | 3 | 12 | 68.66 | cps |
| Cadmium | 106-1 | 2664 | 2670 | 2674 | 2669 | 0.19 | cps |
| Cadmium | 111-1 | 1979 | 1932 | 1953 | 1954 | 1.20 | cps |
| Calcium | 43-1 | 507 | 500 | 523 | 510 | 2.36 | cps |
| Calcium | 44-1 | 14407 | 13904 | 13433 | 13915 | 3.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 620 | 677 | 597 | 631 | 6.52 | cps |
| Cobalt | 59-2 | 213 | 197 | 183 | 198 | 7.60 | cps |
| Copper | 63-2 | 1410 | 1520 | 1303 | 1411 | 7.68 | cps |
| Dysprosium | 156-1 | 10 | 23 | 20 | 18 | 39.03 | cps |
| Dysprosium | 156-2 | 7 | 13 | 7 | 9 | 43.25 | cps |
| Erbium | 164-1 | 73 | 90 | 97 | 87 | 13.87 | cps |
| Erbium | 164-2 | 50 | 47 | 37 | 44 | 15.61 | cps |
| Gadolinium | 160-1 | 30 | 33 | 30 | 31 | 6.18 | cps |
| Gadolinium | 160-2 | 230 | 220 | 253 | 234 | 7.30 | cps |
| Holmium | 165-1 | 10671163 | 10758127 | 10740056 | 10723115 | 0.43 | cps |
| Holmium | 165-2 | 6698662 | 6699672 | 6608971 | 6669102 | 0.78 | cps |
| Indium | 115-1 | 8183154 | 8267301 | 8272845 | 8241100 | 0.61 | cps |
| Indium | 115-2 | 2591840 | 2612336 | 2622423 | 2608866 | 0.60 | cps |
| Iron | 56-2 | 42901 | 42891 | 42697 | 42830 | 0.27 | cps |
| Iron | 57-2 | 1933 | 1997 | 1923 | 1951 | 2.04 | cps |
| Iron | 54-2 | 3154 | 3330 | 3390 | 3292 | 3.74 | cps |
| Krypton | 83-1 | 227 | 207 | 187 | 207 | 9.68 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1560 | 1567 | 1483 | 1537 | 3.01 | cps |
| Lead | 207-1 | 1477 | 1350 | 1200 | 1342 | 10.32 | cps |
| Lead | 208-1 | 6464 | 6071 | 5731 | 6088 | 6.03 | cps |
| Lithium | 6-1 | 1386619 | 1379558 | 1340018 | 1368732 | 1.83 | cps |
| Magnesium | 24-2 | 3244 | 2967 | 2904 | 3038 | 5.95 | cps |
| Manganese | 55-2 | 1107 | 973 | 1117 | 1066 | 7.51 | cps |
| Molybdenum | 94-1 | 1653 | 1407 | 1380 | 1480 | 10.18 | cps |
| Molybdenum | 95-1 | 1593 | 1630 | 1340 | 1521 | 10.38 | cps |
| Molybdenum | 96-1 | 1817 | 1773 | 1737 | 1776 | 2.26 | cps |
| Molybdenum | 97-1 | 1040 | 950 | 783 | 924 | 14.09 | cps |
| Molybdenum | 98-1 | 2580 | 2280 | 2290 | 2384 | 7.15 | cps |
| Neodymium | 150-1 | 20 | 10 | 30 | 20 | 50.00 | cps |
| Neodymium | 150-2 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Nickel | 60-2 | 157 | 103 | 160 | 140 | 22.71 | cps |
| Phosphorus | 31-2 | 163 | 110 | 143 | 139 | 19.40 | cps |
| Potassium | 39-2 | 50005 | 49310 | 49697 | 49671 | 0.70 | cps |
| Rhodium | 103-1 | 7625303 | 7679815 | 7609933 | 7638350 | 0.48 | cps |
| Rhodium | 103-2 | 4484607 | 4467992 | 4526698 | 4493099 | 0.67 | cps |
| Scandium | 45-1 | 4367996 | 4437981 | 4385303 | 4397093 | 0.83 | cps |
| Scandium | 45-2 | 394005 | 390196 | 393448 | 392550 | 0.52 | cps |
| Selenium | 82-1 | 338 | 377 | 443 | 386 | 13.80 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 290 | 237 | 227 | 251 | 13.56 | cps |
| Silicon | 28-1 | 213139 | 210141 | 210024 | 211101 | 0.84 | cps |
| Silver | 107-1 | 760 | 623 | 653 | 679 | 10.58 | cps |
| Silver | 109-1 | 617 | 560 | 450 | 542 | 15.63 | cps |
| Sodium | 23-2 | 26974 | 25444 | 26199 | 26206 | 2.92 | cps |
| Strontium | 86-1 | 1600 | 1503 | 1280 | 1461 | 11.23 | cps |
| Strontium | 88-1 | 11311 | 9530 | 8803 | 9881 | 13.06 | cps |
| Sulfur | 34-1 | 158752 | 161078 | 160182 | 160004 | 0.73 | cps |
| Terbium | 159-1 | 10969561 | 10995773 | 10808172 | 10924502 | 0.93 | cps |
| Terbium | 159-2 | 6588305 | 6579479 | 6672726 | 6613503 | 0.78 | cps |
| Thallium | 203-1 | 773 | 630 | 643 | 682 | 11.61 | cps |
| Thallium | 205-1 | 1757 | 1540 | 1377 | 1558 | 12.24 | cps |
| Tin | 118-1 | 2277 | 2624 | 2660 | 2520 | 8.39 | cps |
| Titanium | 47-1 | 447 | 420 | 400 | 422 | 5.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB003 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:48:04 | DataFile Name : | 082CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 427 | 400 | 400 | 409 | 3.77 | cps |
| Vanadium | 51-2 | 97 | 97 | 123 | 106 | 14.58 | cps |
| Yttrium | 89-1 | 13209429 | 13221150 | 13236229 | 13222269 | 0.10 | cps |
| Yttrium | 89-2 | 3253357 | 3211575 | 3228269 | 3231067 | 0.65 | cps |
| Zinc | 66-2 | 673 | 670 | 683 | 676 | 1.03 | cps |
| Zirconium | 90-1 | 1680 | 1600 | 1490 | 1590 | 6.00 | cps |
| Zirconium | 91-1 | 387 | 443 | 400 | 410 | 7.23 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8028859 | 7942222 | 7876120 | 7949067 | 0.96 | cps |
| Antimony | 121-1 | 3697 | 4244 | 4027 | 3990 | 6.90 | cps |
| Arsenic | 75-2 | 66578 | 67000 | 65494 | 66357 | 1.17 | cps |
| Barium | 135-1 | 2894641 | 2953141 | 2972653 | 2940145 | 1.38 | cps |
| Barium | 137-1 | 4991093 | 5091454 | 5135692 | 5072746 | 1.46 | cps |
| Beryllium | 9-1 | 1533 | 1811 | 1695 | 1680 | 8.30 | cps |
| Bismuth | 209-1 | 6920323 | 6967025 | 6963008 | 6950119 | 0.37 | cps |
| Bismuth | 209-2 | 4872089 | 4951237 | 4969843 | 4931056 | 1.05 | cps |
| Bromine | 81-1 | 13089 | 13917 | 14767 | 13924 | 6.03 | cps |
| Bromine | 81-2 | 787 | 763 | 903 | 818 | 9.17 | cps |
| Cadmium | 108-1 | 350 | 247 | 317 | 304 | 17.32 | cps |
| Cadmium | 106-1 | 3831 | 3537 | 3447 | 3605 | 5.56 | cps |
| Cadmium | 111-1 | 4460 | 4237 | 4218 | 4305 | 3.12 | cps |
| Calcium | 43-1 | 488860 | 497349 | 503583 | 496598 | 1.49 | cps |
| Calcium | 44-1 | 7395968 | 7581230 | 7787848 | 7588349 | 2.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 327020 | 330107 | 328822 | 328650 | 0.47 | cps |
| Cobalt | 59-2 | 283424 | 282158 | 282539 | 282707 | 0.23 | cps |
| Copper | 63-2 | 503500 | 501139 | 503341 | 502660 | 0.26 | cps |
| Dysprosium | 156-1 | 73223 | 75445 | 74824 | 74497 | 1.54 | cps |
| Dysprosium | 156-2 | 57962 | 58009 | 58307 | 58093 | 0.32 | cps |
| Erbium | 164-1 | 53345 | 52187 | 53652 | 53061 | 1.46 | cps |
| Erbium | 164-2 | 32661 | 32408 | 32371 | 32480 | 0.49 | cps |
| Gadolinium | 160-1 | 67531 | 67893 | 68262 | 67896 | 0.54 | cps |
| Gadolinium | 160-2 | 45313 | 45376 | 45567 | 45419 | 0.29 | cps |
| Holmium | 165-1 | 11382441 | 11133612 | 11245644 | 11253899 | 1.11 | cps |
| Holmium | 165-2 | 6892266 | 6940705 | 6924482 | 6919151 | 0.36 | cps |
| Indium | 115-1 | 8516161 | 8611356 | 8665208 | 8597575 | 0.88 | cps |
| Indium | 115-2 | 2686590 | 2740232 | 2751800 | 2726207 | 1.28 | cps |
| Iron | 56-2 | 236085096 | 234970237 | 233122643 | 234725992 | 0.64 | cps |
| Iron | 57-2 | 5798613 | 5830983 | 5776716 | 5802104 | 0.47 | cps |
| Iron | 54-2 | 12747626 | 12874047 | 12672429 | 12764701 | 0.80 | cps |
| Krypton | 83-1 | 280 | 280 | 280 | 280 | 0.00 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 178850 | 179904 | 179411 | 179388 | 0.29 | cps |
| Lead | 207-1 | 150770 | 152320 | 151595 | 151562 | 0.51 | cps |
| Lead | 208-1 | 691329 | 703403 | 701592 | 698775 | 0.93 | cps |
| Lithium | 6-1 | 1382853 | 1407032 | 1423642 | 1404509 | 1.46 | cps |
| Magnesium | 24-2 | 7568517 | 7490699 | 7442447 | 7500554 | 0.85 | cps |
| Manganese | 55-2 | 24242446 | 24157707 | 24229152 | 24209769 | 0.19 | cps |
| Molybdenum | 94-1 | 88539 | 90196 | 91849 | 90194 | 1.84 | cps |
| Molybdenum | 95-1 | 4537 | 4657 | 4531 | 4575 | 1.56 | cps |
| Molybdenum | 96-1 | 21199 | 21810 | 22100 | 21703 | 2.12 | cps |
| Molybdenum | 97-1 | 2317 | 2274 | 2307 | 2299 | 0.99 | cps |
| Molybdenum | 98-1 | 5695 | 5701 | 5895 | 5763 | 1.97 | cps |
| Neodymium | 150-1 | 144212 | 143724 | 145963 | 144633 | 0.81 | cps |
| Neodymium | 150-2 | 75628 | 76422 | 76874 | 76308 | 0.83 | cps |
| Nickel | 60-2 | 170085 | 170397 | 169112 | 169865 | 0.39 | cps |
| Phosphorus | 31-2 | 25121 | 25982 | 25334 | 25479 | 1.76 | cps |
| Potassium | 39-2 | 1892819 | 1863355 | 1871980 | 1876051 | 0.81 | cps |
| Rhodium | 103-1 | 7782120 | 7830526 | 7855054 | 7822567 | 0.47 | cps |
| Rhodium | 103-2 | 4653565 | 4636424 | 4567437 | 4619142 | 0.99 | cps |
| Scandium | 45-1 | 4819569 | 4949745 | 4994295 | 4921203 | 1.84 | cps |
| Scandium | 45-2 | 445229 | 442190 | 439365 | 442262 | 0.66 | cps |
| Selenium | 82-1 | 498 | 510 | 632 | 547 | 13.61 | cps |
| Selenium | 77-2 | 263 | 240 | 253 | 252 | 4.64 | cps |
| Selenium | 78-2 | 467 | 500 | 423 | 463 | 8.30 | cps |
| Silicon | 28-1 | 28721300 | 29052481 | 29368995 | 29047592 | 1.11 | cps |
| Silver | 107-1 | 1430 | 1503 | 1507 | 1480 | 2.93 | cps |
| Silver | 109-1 | 1317 | 1467 | 1423 | 1402 | 5.51 | cps |
| Sodium | 23-2 | 113065 | 112631 | 111362 | 112353 | 0.79 | cps |
| Strontium | 86-1 | 352474 | 361922 | 369567 | 361321 | 2.37 | cps |
| Strontium | 88-1 | 3208605 | 3360217 | 3340993 | 3303271 | 2.50 | cps |
| Sulfur | 34-1 | 159024 | 157027 | 150304 | 155452 | 2.94 | cps |
| Terbium | 159-1 | 11430893 | 11353250 | 11542503 | 11442215 | 0.83 | cps |
| Terbium | 159-2 | 6938402 | 6896923 | 6919268 | 6918198 | 0.30 | cps |
| Thallium | 203-1 | 3077 | 3661 | 3057 | 3265 | 10.50 | cps |
| Thallium | 205-1 | 7469 | 8123 | 7429 | 7674 | 5.08 | cps |
| Tin | 118-1 | 3841 | 3804 | 4131 | 3925 | 4.56 | cps |
| Titanium | 47-1 | 727509 | 741412 | 758485 | 742469 | 2.09 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:51:21 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 21618 | 22619 | 22579 | 22272 | 2.55 | cps |
| Vanadium | 51-2 | 500050 | 500377 | 497655 | 499361 | 0.30 | cps |
| Yttrium | 89-1 | 14495950 | 14922068 | 14851839 | 14756619 | 1.55 | cps |
| Yttrium | 89-2 | 3594770 | 3539767 | 3524818 | 3553119 | 1.04 | cps |
| Zinc | 66-2 | 108776 | 107832 | 107285 | 107964 | 0.70 | cps |
| Zirconium | 90-1 | 231733 | 240143 | 241663 | 237846 | 2.25 | cps |
| Zirconium | 91-1 | 52095 | 54019 | 54474 | 53529 | 2.36 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5693073 | 5650925 | 5617289 | 5653762 | 0.67 | cps |
| Antimony | 121-1 | 2840 | 2860 | 2640 | 2780 | 4.38 | cps |
| Arsenic | 75-2 | 17734 | 18251 | 17717 | 17901 | 1.70 | cps |
| Barium | 135-1 | 695050 | 697791 | 701669 | 698170 | 0.48 | cps |
| Barium | 137-1 | 1199401 | 1212545 | 1214562 | 1208836 | 0.68 | cps |
| Beryllium | 9-1 | 1406 | 1439 | 1489 | 1445 | 2.90 | cps |
| Bismuth | 209-1 | 7174729 | 7116934 | 6949938 | 7080534 | 1.65 | cps |
| Bismuth | 209-2 | 4998127 | 5030323 | 5009719 | 5012723 | 0.33 | cps |
| Bromine | 81-1 | 30294 | 35767 | 37364 | 34475 | 10.75 | cps |
| Bromine | 81-2 | 5104 | 4971 | 4968 | 5014 | 1.56 | cps |
| Cadmium | 108-1 | 177 | 280 | 197 | 218 | 25.17 | cps |
| Cadmium | 106-1 | 3374 | 3000 | 3204 | 3193 | 5.86 | cps |
| Cadmium | 111-1 | 3511 | 3244 | 3335 | 3364 | 4.04 | cps |
| Calcium | 43-1 | 491812 | 498090 | 497614 | 495838 | 0.70 | cps |
| Calcium | 44-1 | 7509030 | 7591064 | 7640557 | 7580217 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 209768 | 210779 | 207532 | 209359 | 0.79 | cps |
| Cobalt | 59-2 | 141711 | 141062 | 142317 | 141697 | 0.44 | cps |
| Copper | 63-2 | 290121 | 291824 | 289898 | 290614 | 0.36 | cps |
| Dysprosium | 156-1 | 45012 | 45470 | 45547 | 45343 | 0.64 | cps |
| Dysprosium | 156-2 | 34496 | 34392 | 34562 | 34483 | 0.25 | cps |
| Erbium | 164-1 | 35251 | 35081 | 35194 | 35175 | 0.25 | cps |
| Erbium | 164-2 | 22532 | 22078 | 21547 | 22052 | 2.24 | cps |
| Gadolinium | 160-1 | 43320 | 44129 | 44380 | 43943 | 1.26 | cps |
| Gadolinium | 160-2 | 28726 | 28750 | 29331 | 28935 | 1.18 | cps |
| Holmium | 165-1 | 11246427 | 11085954 | 11237524 | 11189968 | 0.81 | cps |
| Holmium | 165-2 | 7011657 | 7086270 | 6899967 | 6999298 | 1.34 | cps |
| Indium | 115-1 | 8676212 | 8767757 | 8616695 | 8686888 | 0.88 | cps |
| Indium | 115-2 | 2703983 | 2713241 | 2701879 | 2706368 | 0.22 | cps |
| Iron | 56-2 | 135765491 | 134910108 | 136406381 | 135693994 | 0.55 | cps |
| Iron | 57-2 | 3375075 | 3359051 | 3373955 | 3369360 | 0.27 | cps |
| Iron | 54-2 | 7492554 | 7414390 | 7355470 | 7420805 | 0.93 | cps |
| Krypton | 83-1 | 263 | 250 | 223 | 246 | 8.29 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 145728 | 146345 | 147454 | 146509 | 0.60 | cps |
| Lead | 207-1 | 124262 | 125574 | 125328 | 125055 | 0.56 | cps |
| Lead | 208-1 | 572728 | 574581 | 578365 | 575225 | 0.50 | cps |
| Lithium | 6-1 | 1414713 | 1404616 | 1405092 | 1408141 | 0.40 | cps |
| Magnesium | 24-2 | 5299128 | 5266374 | 5289342 | 5284948 | 0.32 | cps |
| Manganese | 55-2 | 3760601 | 3809493 | 3763310 | 3777802 | 0.73 | cps |
| Molybdenum | 94-1 | 54120 | 55799 | 55143 | 55021 | 1.54 | cps |
| Molybdenum | 95-1 | 3277 | 3787 | 3534 | 3533 | 7.22 | cps |
| Molybdenum | 96-1 | 14908 | 15268 | 14370 | 14849 | 3.04 | cps |
| Molybdenum | 97-1 | 2064 | 2284 | 2140 | 2162 | 5.16 | cps |
| Molybdenum | 98-1 | 5324 | 5401 | 5274 | 5333 | 1.20 | cps |
| Neodymium | 150-1 | 81946 | 82499 | 83036 | 82494 | 0.66 | cps |
| Neodymium | 150-2 | 43938 | 42577 | 44012 | 43509 | 1.86 | cps |
| Nickel | 60-2 | 71811 | 72360 | 72695 | 72289 | 0.62 | cps |
| Phosphorus | 31-2 | 16409 | 16072 | 16189 | 16223 | 1.05 | cps |
| Potassium | 39-2 | 1935794 | 1935902 | 1921919 | 1931205 | 0.42 | cps |
| Rhodium | 103-1 | 8012608 | 7943376 | 7846054 | 7934013 | 1.05 | cps |
| Rhodium | 103-2 | 4643828 | 4642898 | 4652197 | 4646308 | 0.11 | cps |
| Scandium | 45-1 | 4885631 | 4912916 | 4882029 | 4893525 | 0.35 | cps |
| Scandium | 45-2 | 434475 | 436050 | 433049 | 434525 | 0.35 | cps |
| Selenium | 82-1 | 521 | 532 | 595 | 549 | 7.34 | cps |
| Selenium | 77-2 | 143 | 127 | 173 | 148 | 16.00 | cps |
| Selenium | 78-2 | 360 | 410 | 340 | 370 | 9.74 | cps |
| Silicon | 28-1 | 31269233 | 31589400 | 31767756 | 31542130 | 0.80 | cps |
| Silver | 107-1 | 2100 | 2217 | 2160 | 2159 | 2.70 | cps |
| Silver | 109-1 | 1897 | 2184 | 1973 | 2018 | 7.36 | cps |
| Sodium | 23-2 | 270179 | 270868 | 268806 | 269951 | 0.39 | cps |
| Strontium | 86-1 | 397271 | 399863 | 402412 | 399848 | 0.64 | cps |
| Strontium | 88-1 | 3575893 | 3599898 | 3620347 | 3598713 | 0.62 | cps |
| Sulfur | 34-1 | 156454 | 152465 | 151038 | 153319 | 1.83 | cps |
| Terbium | 159-1 | 11591324 | 11535124 | 11544587 | 11557012 | 0.26 | cps |
| Terbium | 159-2 | 6957085 | 6973890 | 6949781 | 6960252 | 0.18 | cps |
| Thallium | 203-1 | 1647 | 1847 | 1610 | 1701 | 7.49 | cps |
| Thallium | 205-1 | 4077 | 3867 | 3717 | 3887 | 4.65 | cps |
| Tin | 118-1 | 5038 | 5071 | 5034 | 5048 | 0.40 | cps |
| Titanium | 47-1 | 498405 | 503488 | 503153 | 501682 | 0.57 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:54:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26914 | 27408 | 27802 | 27375 | 1.63 | cps |
| Vanadium | 51-2 | 311121 | 311291 | 307013 | 309808 | 0.78 | cps |
| Yttrium | 89-1 | 14632952 | 14689080 | 14567483 | 14629838 | 0.42 | cps |
| Yttrium | 89-2 | 3522308 | 3506332 | 3499778 | 3509473 | 0.33 | cps |
| Zinc | 66-2 | 120444 | 119466 | 118422 | 119444 | 0.85 | cps |
| Zirconium | 90-1 | 142752 | 145199 | 143651 | 143867 | 0.86 | cps |
| Zirconium | 91-1 | 31891 | 31801 | 32576 | 32089 | 1.32 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5333394 | 5381275 | 5319817 | 5344829 | 0.60 | cps |
| Antimony | 121-1 | 6505 | 6975 | 6512 | 6664 | 4.05 | cps |
| Arsenic | 75-2 | 22467 | 22661 | 22354 | 22494 | 0.69 | cps |
| Barium | 135-1 | 1016081 | 1019391 | 1037062 | 1024178 | 1.10 | cps |
| Barium | 137-1 | 1883305 | 1932058 | 1955163 | 1923509 | 1.91 | cps |
| Beryllium | 9-1 | 1606 | 1411 | 1461 | 1493 | 6.77 | cps |
| Bismuth | 209-1 | 7099161 | 7099972 | 6195004 | 6798045 | 7.68 | cps |
| Bismuth | 209-2 | 5068679 | 4952403 | 4939499 | 4986860 | 1.43 | cps |
| Bromine | 81-1 | 22871 | 24330 | 24791 | 23997 | 4.18 | cps |
| Bromine | 81-2 | 2530 | 2444 | 2467 | 2480 | 1.81 | cps |
| Cadmium | 108-1 | 317 | 377 | 320 | 338 | 9.98 | cps |
| Cadmium | 106-1 | 3670 | 3754 | 3244 | 3556 | 7.70 | cps |
| Cadmium | 111-1 | 4184 | 4341 | 3993 | 4173 | 4.17 | cps |
| Calcium | 43-1 | 1162869 | 1178399 | 1179876 | 1173715 | 0.80 | cps |
| Calcium | 44-1 | 17740016 | 17944621 | 18026642 | 17903759 | 0.82 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 193011 | 191767 | 194409 | 193062 | 0.68 | cps |
| Cobalt | 59-2 | 162810 | 162367 | 161050 | 162076 | 0.56 | cps |
| Copper | 63-2 | 461557 | 456974 | 456945 | 458492 | 0.58 | cps |
| Dysprosium | 156-1 | 47019 | 47624 | 47467 | 47370 | 0.66 | cps |
| Dysprosium | 156-2 | 36695 | 36584 | 36106 | 36462 | 0.86 | cps |
| Erbium | 164-1 | 36732 | 36340 | 37009 | 36694 | 0.92 | cps |
| Erbium | 164-2 | 22431 | 22558 | 22401 | 22464 | 0.37 | cps |
| Gadolinium | 160-1 | 43210 | 43815 | 44457 | 43827 | 1.42 | cps |
| Gadolinium | 160-2 | 29331 | 28168 | 28910 | 28803 | 2.04 | cps |
| Holmium | 165-1 | 11601208 | 11442032 | 9861366 | 10968202 | 8.77 | cps |
| Holmium | 165-2 | 7193347 | 7009999 | 6951571 | 7051639 | 1.79 | cps |
| Indium | 115-1 | 8733155 | 8662621 | 7561925 | 8319234 | 7.89 | cps |
| Indium | 115-2 | 2746236 | 2690302 | 2729080 | 2721873 | 1.05 | cps |
| Iron | 56-2 | 139159545 | 138916198 | 138236305 | 138770682 | 0.34 | cps |
| Iron | 57-2 | 3469455 | 3437269 | 3486323 | 3464349 | 0.72 | cps |
| Iron | 54-2 | 7696531 | 7593082 | 7629304 | 7639639 | 0.69 | cps |
| Krypton | 83-1 | 300 | 227 | 307 | 278 | 15.98 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 230511 | 232222 | 232212 | 231648 | 0.43 | cps |
| Lead | 207-1 | 197244 | 197034 | 200684 | 198321 | 1.03 | cps |
| Lead | 208-1 | 898860 | 909057 | 908868 | 905595 | 0.64 | cps |
| Lithium | 6-1 | 1398480 | 1435427 | 1259902 | 1364603 | 6.78 | cps |
| Magnesium | 24-2 | 5642476 | 5620796 | 5637622 | 5633631 | 0.20 | cps |
| Manganese | 55-2 | 5289822 | 5263000 | 5298164 | 5283662 | 0.35 | cps |
| Molybdenum | 94-1 | 94103 | 93939 | 95874 | 94639 | 1.13 | cps |
| Molybdenum | 95-1 | 4037 | 4597 | 4361 | 4332 | 6.49 | cps |
| Molybdenum | 96-1 | 21726 | 22017 | 22351 | 22031 | 1.42 | cps |
| Molybdenum | 97-1 | 2760 | 2827 | 2444 | 2677 | 7.65 | cps |
| Molybdenum | 98-1 | 6355 | 6805 | 6688 | 6616 | 3.53 | cps |
| Neodymium | 150-1 | 88361 | 87661 | 88445 | 88156 | 0.49 | cps |
| Neodymium | 150-2 | 46383 | 46633 | 45931 | 46316 | 0.77 | cps |
| Nickel | 60-2 | 80672 | 81168 | 80018 | 80619 | 0.72 | cps |
| Phosphorus | 31-2 | 26580 | 26186 | 26219 | 26328 | 0.83 | cps |
| Potassium | 39-2 | 3030508 | 3022073 | 3046664 | 3033082 | 0.41 | cps |
| Rhodium | 103-1 | 7889355 | 8057190 | 6836620 | 7594388 | 8.71 | cps |
| Rhodium | 103-2 | 4587754 | 4593948 | 4603545 | 4595082 | 0.17 | cps |
| Scandium | 45-1 | 4841403 | 4924842 | 4258140 | 4674795 | 7.77 | cps |
| Scandium | 45-2 | 431687 | 434223 | 429102 | 431670 | 0.59 | cps |
| Selenium | 82-1 | 536 | 598 | 461 | 532 | 12.88 | cps |
| Selenium | 77-2 | 167 | 140 | 103 | 137 | 23.27 | cps |
| Selenium | 78-2 | 400 | 393 | 393 | 396 | 0.97 | cps |
| Silicon | 28-1 | 40054712 | 40440366 | 40531226 | 40342101 | 0.63 | cps |
| Silver | 107-1 | 2204 | 2364 | 2437 | 2335 | 5.11 | cps |
| Silver | 109-1 | 2164 | 2277 | 2234 | 2225 | 2.57 | cps |
| Sodium | 23-2 | 164821 | 164461 | 164181 | 164488 | 0.20 | cps |
| Strontium | 86-1 | 841398 | 851462 | 848777 | 847212 | 0.62 | cps |
| Strontium | 88-1 | 7552843 | 7662417 | 7712977 | 7642746 | 1.07 | cps |
| Sulfur | 34-1 | 197266 | 201203 | 203766 | 200745 | 1.63 | cps |
| Terbium | 159-1 | 11658001 | 11518994 | 10145532 | 11107509 | 7.53 | cps |
| Terbium | 159-2 | 6920676 | 6985626 | 6953048 | 6953117 | 0.47 | cps |
| Thallium | 203-1 | 3907 | 3804 | 4077 | 3929 | 3.51 | cps |
| Thallium | 205-1 | 9116 | 9340 | 9380 | 9279 | 1.53 | cps |
| Tin | 118-1 | 8846 | 9376 | 9687 | 9303 | 4.57 | cps |
| Titanium | 47-1 | 655291 | 665943 | 664886 | 662040 | 0.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 21:57:36 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18977 | 19858 | 19211 | 19349 | 2.36 | cps |
| Vanadium | 51-2 | 276892 | 274319 | 276750 | 275987 | 0.52 | cps |
| Yttrium | 89-1 | 14892757 | 14845922 | 12993982 | 14244220 | 7.60 | cps |
| Yttrium | 89-2 | 3532220 | 3542245 | 3500675 | 3525047 | 0.62 | cps |
| Zinc | 66-2 | 145853 | 146040 | 146652 | 146182 | 0.29 | cps |
| Zirconium | 90-1 | 248234 | 248179 | 254733 | 250382 | 1.50 | cps |
| Zirconium | 91-1 | 55675 | 56130 | 56194 | 56000 | 0.51 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5398093 | 5316059 | 5255772 | 5323308 | 1.34 | cps |
| Antimony | 121-1 | 16036 | 15976 | 16213 | 16075 | 0.77 | cps |
| Arsenic | 75-2 | 21028 | 20688 | 20337 | 20684 | 1.67 | cps |
| Barium | 135-1 | 940304 | 944080 | 940948 | 941777 | 0.21 | cps |
| Barium | 137-1 | 1768840 | 1763499 | 1739451 | 1757263 | 0.89 | cps |
| Beryllium | 9-1 | 1745 | 1628 | 1650 | 1674 | 3.70 | cps |
| Bismuth | 209-1 | 7046381 | 6965360 | 6964132 | 6991958 | 0.67 | cps |
| Bismuth | 209-2 | 4918562 | 4973007 | 4901684 | 4931084 | 0.76 | cps |
| Bromine | 81-1 | 17057 | 17868 | 18238 | 17721 | 3.41 | cps |
| Bromine | 81-2 | 1393 | 1540 | 1493 | 1476 | 5.08 | cps |
| Cadmium | 108-1 | 453 | 497 | 463 | 471 | 4.82 | cps |
| Cadmium | 106-1 | 3527 | 3494 | 3357 | 3459 | 2.60 | cps |
| Cadmium | 111-1 | 7013 | 7096 | 7140 | 7083 | 0.91 | cps |
| Calcium | 43-1 | 254395 | 255740 | 256271 | 255469 | 0.38 | cps |
| Calcium | 44-1 | 3934218 | 3916415 | 3864004 | 3904879 | 0.93 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 220756 | 217283 | 218084 | 218708 | 0.83 | cps |
| Cobalt | 59-2 | 186936 | 189153 | 189386 | 188491 | 0.72 | cps |
| Copper | 63-2 | 1249292 | 1260268 | 1253293 | 1254284 | 0.44 | cps |
| Dysprosium | 156-1 | 57674 | 59144 | 59358 | 58725 | 1.56 | cps |
| Dysprosium | 156-2 | 44647 | 44303 | 44009 | 44320 | 0.72 | cps |
| Erbium | 164-1 | 43815 | 42989 | 44046 | 43617 | 1.27 | cps |
| Erbium | 164-2 | 26879 | 26716 | 27323 | 26973 | 1.17 | cps |
| Gadolinium | 160-1 | 53354 | 54509 | 53666 | 53843 | 1.11 | cps |
| Gadolinium | 160-2 | 35545 | 35913 | 35228 | 35562 | 0.96 | cps |
| Holmium | 165-1 | 11136528 | 11017613 | 11117809 | 11090650 | 0.58 | cps |
| Holmium | 165-2 | 6854921 | 6883401 | 6819445 | 6852589 | 0.47 | cps |
| Indium | 115-1 | 8621174 | 8619156 | 8483260 | 8574530 | 0.92 | cps |
| Indium | 115-2 | 2622907 | 2639686 | 2624278 | 2628957 | 0.35 | cps |
| Iron | 56-2 | 152966468 | 155012328 | 153612761 | 153863852 | 0.68 | cps |
| Iron | 57-2 | 3812523 | 3711242 | 3784738 | 3769501 | 1.39 | cps |
| Iron | 54-2 | 8338078 | 8399919 | 8417657 | 8385218 | 0.50 | cps |
| Krypton | 83-1 | 240 | 207 | 270 | 239 | 13.26 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 727067 | 741882 | 729700 | 732883 | 1.08 | cps |
| Lead | 207-1 | 642388 | 641975 | 650321 | 644894 | 0.73 | cps |
| Lead | 208-1 | 2897282 | 2927705 | 2912239 | 2912408 | 0.52 | cps |
| Lithium | 6-1 | 1405807 | 1392095 | 1412170 | 1403357 | 0.73 | cps |
| Magnesium | 24-2 | 4853953 | 4869855 | 4867278 | 4863695 | 0.18 | cps |
| Manganese | 55-2 | 5167337 | 5240729 | 5159521 | 5189196 | 0.86 | cps |
| Molybdenum | 94-1 | 58674 | 59092 | 58991 | 58919 | 0.37 | cps |
| Molybdenum | 95-1 | 2754 | 2877 | 2827 | 2819 | 2.20 | cps |
| Molybdenum | 96-1 | 14577 | 14554 | 14551 | 14561 | 0.10 | cps |
| Molybdenum | 97-1 | 1690 | 1557 | 1777 | 1675 | 6.62 | cps |
| Molybdenum | 98-1 | 3897 | 4074 | 4084 | 4018 | 2.61 | cps |
| Neodymium | 150-1 | 105622 | 108725 | 109824 | 108057 | 2.02 | cps |
| Neodymium | 150-2 | 57416 | 56680 | 56509 | 56868 | 0.85 | cps |
| Nickel | 60-2 | 82613 | 82381 | 81044 | 82013 | 1.03 | cps |
| Phosphorus | 31-2 | 19750 | 19716 | 19646 | 19704 | 0.27 | cps |
| Potassium | 39-2 | 2990476 | 2977384 | 2978167 | 2982009 | 0.25 | cps |
| Rhodium | 103-1 | 7890127 | 7757908 | 7670306 | 7772780 | 1.42 | cps |
| Rhodium | 103-2 | 4512837 | 4484642 | 4522785 | 4506755 | 0.44 | cps |
| Scandium | 45-1 | 4782852 | 4830710 | 4761593 | 4791718 | 0.74 | cps |
| Scandium | 45-2 | 420623 | 424476 | 422467 | 422522 | 0.46 | cps |
| Selenium | 82-1 | 506 | 617 | 512 | 545 | 11.48 | cps |
| Selenium | 77-2 | 183 | 163 | 197 | 181 | 9.26 | cps |
| Selenium | 78-2 | 437 | 380 | 367 | 394 | 9.42 | cps |
| Silicon | 28-1 | 41074941 | 41566028 | 41254379 | 41298449 | 0.60 | cps |
| Silver | 107-1 | 8806 | 8826 | 8996 | 8876 | 1.18 | cps |
| Silver | 109-1 | 8116 | 8409 | 8453 | 8326 | 2.20 | cps |
| Sodium | 23-2 | 115113 | 113528 | 112958 | 113866 | 0.98 | cps |
| Strontium | 86-1 | 199563 | 200942 | 197722 | 199409 | 0.81 | cps |
| Strontium | 88-1 | 1757289 | 1816793 | 1804951 | 1793011 | 1.76 | cps |
| Sulfur | 34-1 | 140220 | 134216 | 130626 | 135021 | 3.59 | cps |
| Terbium | 159-1 | 11564866 | 11284019 | 11238692 | 11362526 | 1.56 | cps |
| Terbium | 159-2 | 6830378 | 6853248 | 6908302 | 6863976 | 0.58 | cps |
| Thallium | 203-1 | 2720 | 2704 | 2907 | 2777 | 4.07 | cps |
| Thallium | 205-1 | 6655 | 6552 | 6979 | 6728 | 3.31 | cps |
| Tin | 118-1 | 6361 | 6161 | 6411 | 6311 | 2.10 | cps |
| Titanium | 47-1 | 765932 | 771325 | 765754 | 767670 | 0.41 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:00:42 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23424 | 23414 | 23154 | 23330 | 0.66 | cps |
| Vanadium | 51-2 | 292149 | 292479 | 292672 | 292433 | 0.09 | cps |
| Yttrium | 89-1 | 14549339 | 14504281 | 14232641 | 14428754 | 1.19 | cps |
| Yttrium | 89-2 | 3419475 | 3447335 | 3462838 | 3443216 | 0.64 | cps |
| Zinc | 66-2 | 197103 | 194992 | 195026 | 195707 | 0.62 | cps |
| Zirconium | 90-1 | 154793 | 156558 | 154944 | 155432 | 0.63 | cps |
| Zirconium | 91-1 | 34320 | 34644 | 34571 | 34512 | 0.49 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11217228 | 11392901 | 11433550 | 11347893 | 1.01 | cps |
| Antimony | 121-1 | 2417 | 2497 | 2390 | 2435 | 2.28 | cps |
| Arsenic | 75-2 | 18749 | 18675 | 18151 | 18525 | 1.76 | cps |
| Barium | 135-1 | 798996 | 801567 | 800865 | 800476 | 0.17 | cps |
| Barium | 137-1 | 1385745 | 1392038 | 1393063 | 1390282 | 0.29 | cps |
| Beryllium | 9-1 | 1389 | 1617 | 1461 | 1489 | 7.82 | cps |
| Bismuth | 209-1 | 6920365 | 6792745 | 6827189 | 6846766 | 0.96 | cps |
| Bismuth | 209-2 | 4888780 | 4871361 | 4877688 | 4879276 | 0.18 | cps |
| Bromine | 81-1 | 14921 | 15535 | 15385 | 15280 | 2.09 | cps |
| Bromine | 81-2 | 850 | 887 | 987 | 908 | 7.79 | cps |
| Cadmium | 108-1 | 450 | 487 | 567 | 501 | 11.91 | cps |
| Cadmium | 106-1 | 3497 | 3227 | 3340 | 3355 | 4.04 | cps |
| Cadmium | 111-1 | 8158 | 8203 | 8150 | 8170 | 0.35 | cps |
| Calcium | 43-1 | 561135 | 563179 | 562922 | 562412 | 0.20 | cps |
| Calcium | 44-1 | 8574000 | 8535381 | 8657021 | 8588801 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 217989 | 214872 | 214378 | 215747 | 0.91 | cps |
| Cobalt | 59-2 | 522199 | 527276 | 524979 | 524818 | 0.48 | cps |
| Copper | 63-2 | 673340 | 678569 | 670729 | 674213 | 0.59 | cps |
| Dysprosium | 156-1 | 44514 | 45199 | 44748 | 44820 | 0.78 | cps |
| Dysprosium | 156-2 | 32067 | 31716 | 32070 | 31951 | 0.64 | cps |
| Erbium | 164-1 | 45467 | 44524 | 45226 | 45072 | 1.09 | cps |
| Erbium | 164-2 | 28058 | 27871 | 27841 | 27923 | 0.42 | cps |
| Gadolinium | 160-1 | 44494 | 44400 | 44888 | 44594 | 0.58 | cps |
| Gadolinium | 160-2 | 30072 | 29909 | 29448 | 29809 | 1.09 | cps |
| Holmium | 165-1 | 11087307 | 11070284 | 10976742 | 11044778 | 0.54 | cps |
| Holmium | 165-2 | 6943393 | 6840948 | 6901397 | 6895246 | 0.75 | cps |
| Indium | 115-1 | 8501793 | 8367659 | 8415333 | 8428261 | 0.81 | cps |
| Indium | 115-2 | 2640615 | 2623687 | 2621680 | 2628661 | 0.40 | cps |
| Iron | 56-2 | 355780568 | 355673475 | 357460981 | 356305008 | 0.28 | cps |
| Iron | 57-2 | 8862592 | 8879153 | 8872774 | 8871506 | 0.09 | cps |
| Iron | 54-2 | 19452239 | 19513517 | 19569729 | 19511828 | 0.30 | cps |
| Krypton | 83-1 | 250 | 283 | 237 | 257 | 9.37 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 238468 | 241811 | 241052 | 240444 | 0.73 | cps |
| Lead | 207-1 | 204305 | 208357 | 207103 | 206588 | 1.00 | cps |
| Lead | 208-1 | 935466 | 945951 | 946397 | 942605 | 0.66 | cps |
| Lithium | 6-1 | 1391099 | 1412419 | 1411250 | 1404923 | 0.85 | cps |
| Magnesium | 24-2 | 10325776 | 10365115 | 10245837 | 10312243 | 0.59 | cps |
| Manganese | 55-2 | 11346034 | 11310344 | 11326857 | 11327745 | 0.16 | cps |
| Molybdenum | 94-1 | 17427 | 17240 | 17671 | 17446 | 1.24 | cps |
| Molybdenum | 95-1 | 5628 | 5464 | 5101 | 5398 | 5.00 | cps |
| Molybdenum | 96-1 | 12926 | 13123 | 13073 | 13040 | 0.78 | cps |
| Molybdenum | 97-1 | 3274 | 3357 | 3357 | 3329 | 1.45 | cps |
| Molybdenum | 98-1 | 7642 | 8029 | 7859 | 7843 | 2.47 | cps |
| Neodymium | 150-1 | 65980 | 66613 | 65096 | 65896 | 1.16 | cps |
| Neodymium | 150-2 | 34095 | 34085 | 34579 | 34253 | 0.83 | cps |
| Nickel | 60-2 | 78169 | 77636 | 77653 | 77820 | 0.39 | cps |
| Phosphorus | 31-2 | 15334 | 15308 | 15261 | 15301 | 0.24 | cps |
| Potassium | 39-2 | 1359246 | 1375444 | 1358558 | 1364416 | 0.70 | cps |
| Rhodium | 103-1 | 7719765 | 7685061 | 7599020 | 7667949 | 0.81 | cps |
| Rhodium | 103-2 | 4516451 | 4439903 | 4452763 | 4469706 | 0.92 | cps |
| Scandium | 45-1 | 4881749 | 4821895 | 4852516 | 4852053 | 0.62 | cps |
| Scandium | 45-2 | 430311 | 430553 | 429365 | 430076 | 0.15 | cps |
| Selenium | 82-1 | 529 | 494 | 528 | 517 | 3.78 | cps |
| Selenium | 77-2 | 117 | 127 | 153 | 132 | 14.34 | cps |
| Selenium | 78-2 | 313 | 380 | 280 | 324 | 15.69 | cps |
| Silicon | 28-1 | 43459844 | 43954163 | 43456359 | 43623455 | 0.66 | cps |
| Silver | 107-1 | 9753 | 9860 | 9547 | 9720 | 1.64 | cps |
| Silver | 109-1 | 9043 | 9216 | 9293 | 9184 | 1.40 | cps |
| Sodium | 23-2 | 472267 | 474571 | 472285 | 473041 | 0.28 | cps |
| Strontium | 86-1 | 385214 | 390318 | 390004 | 388512 | 0.74 | cps |
| Strontium | 88-1 | 3481685 | 3512182 | 3491615 | 3495161 | 0.45 | cps |
| Sulfur | 34-1 | 118115 | 116349 | 114656 | 116374 | 1.49 | cps |
| Terbium | 159-1 | 11483844 | 11445070 | 11301669 | 11410194 | 0.84 | cps |
| Terbium | 159-2 | 6739892 | 6768320 | 6729752 | 6745988 | 0.30 | cps |
| Thallium | 203-1 | 2694 | 2664 | 2750 | 2703 | 1.63 | cps |
| Thallium | 205-1 | 6348 | 6675 | 6505 | 6509 | 2.51 | cps |
| Tin | 118-1 | 3694 | 3640 | 3794 | 3709 | 2.10 | cps |
| Titanium | 47-1 | 1529467 | 1563354 | 1517987 | 1536936 | 1.53 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:03:50 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14598 | 14712 | 14468 | 14593 | 0.84 | cps |
| Vanadium | 51-2 | 653191 | 650472 | 647567 | 650410 | 0.43 | cps |
| Yttrium | 89-1 | 14571721 | 14607929 | 14438551 | 14539400 | 0.61 | cps |
| Yttrium | 89-2 | 3516488 | 3511630 | 3482531 | 3503550 | 0.52 | cps |
| Zinc | 66-2 | 345651 | 349010 | 347072 | 347244 | 0.49 | cps |
| Zirconium | 90-1 | 39486 | 38978 | 39560 | 39341 | 0.80 | cps |
| Zirconium | 91-1 | 8529 | 8673 | 8763 | 8655 | 1.36 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5720309 | 5781195 | 5855590 | 5785698 | 1.17 | cps |
| Antimony | 121-1 | 3694 | 3580 | 3797 | 3691 | 2.94 | cps |
| Arsenic | 75-2 | 25048 | 25165 | 25105 | 25106 | 0.23 | cps |
| Barium | 135-1 | 1008605 | 1016032 | 1021945 | 1015527 | 0.66 | cps |
| Barium | 137-1 | 1925785 | 1902060 | 1918036 | 1915294 | 0.63 | cps |
| Beryllium | 9-1 | 1750 | 1411 | 1795 | 1652 | 12.69 | cps |
| Bismuth | 209-1 | 6964528 | 6893663 | 6973539 | 6943910 | 0.63 | cps |
| Bismuth | 209-2 | 4783950 | 4496058 | 4286044 | 4522017 | 5.53 | cps |
| Bromine | 81-1 | 16826 | 17057 | 18101 | 17328 | 3.92 | cps |
| Bromine | 81-2 | 1460 | 1627 | 1557 | 1548 | 5.41 | cps |
| Cadmium | 108-1 | 367 | 343 | 363 | 358 | 3.53 | cps |
| Cadmium | 106-1 | 3560 | 3047 | 3317 | 3308 | 7.76 | cps |
| Cadmium | 111-1 | 4863 | 4443 | 4651 | 4652 | 4.51 | cps |
| Calcium | 43-1 | 503918 | 506633 | 505486 | 505346 | 0.27 | cps |
| Calcium | 44-1 | 7630210 | 7783161 | 7701789 | 7705053 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 219152 | 221442 | 218653 | 219749 | 0.68 | cps |
| Cobalt | 59-2 | 201899 | 204514 | 201466 | 202626 | 0.81 | cps |
| Copper | 63-2 | 666452 | 667494 | 667855 | 667267 | 0.11 | cps |
| Dysprosium | 156-1 | 58575 | 58966 | 59643 | 59061 | 0.91 | cps |
| Dysprosium | 156-2 | 44674 | 44828 | 45166 | 44889 | 0.56 | cps |
| Erbium | 164-1 | 42986 | 44139 | 45049 | 44058 | 2.35 | cps |
| Erbium | 164-2 | 27667 | 27688 | 27460 | 27605 | 0.46 | cps |
| Gadolinium | 160-1 | 53943 | 54275 | 53776 | 53998 | 0.47 | cps |
| Gadolinium | 160-2 | 36026 | 36297 | 36076 | 36133 | 0.40 | cps |
| Holmium | 165-1 | 11098688 | 10961873 | 11091844 | 11050802 | 0.70 | cps |
| Holmium | 165-2 | 6822667 | 6146597 | 5932501 | 6300588 | 7.37 | cps |
| Indium | 115-1 | 8462658 | 8459405 | 8375318 | 8432460 | 0.59 | cps |
| Indium | 115-2 | 2586987 | 2370918 | 2269202 | 2409036 | 6.74 | cps |
| Iron | 56-2 | 165047584 | 165575171 | 163503008 | 164708588 | 0.65 | cps |
| Iron | 57-2 | 4071484 | 4076789 | 4019854 | 4056042 | 0.78 | cps |
| Iron | 54-2 | 9004255 | 9021126 | 8889184 | 8971522 | 0.80 | cps |
| Krypton | 83-1 | 237 | 270 | 260 | 256 | 6.69 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 382694 | 385434 | 387406 | 385178 | 0.61 | cps |
| Lead | 207-1 | 333157 | 335177 | 337045 | 335126 | 0.58 | cps |
| Lead | 208-1 | 1518296 | 1526993 | 1538630 | 1527973 | 0.67 | cps |
| Lithium | 6-1 | 1386204 | 1413220 | 1379016 | 1392813 | 1.29 | cps |
| Magnesium | 24-2 | 5393160 | 5403505 | 5399927 | 5398864 | 0.10 | cps |
| Manganese | 55-2 | 5779777 | 5813687 | 5696681 | 5763382 | 1.04 | cps |
| Molybdenum | 94-1 | 69557 | 70311 | 71918 | 70596 | 1.71 | cps |
| Molybdenum | 95-1 | 3260 | 3474 | 3510 | 3415 | 3.95 | cps |
| Molybdenum | 96-1 | 17664 | 17594 | 17080 | 17446 | 1.83 | cps |
| Molybdenum | 97-1 | 1833 | 2020 | 2257 | 2037 | 10.42 | cps |
| Molybdenum | 98-1 | 4747 | 4898 | 5161 | 4935 | 4.24 | cps |
| Neodymium | 150-1 | 109367 | 111406 | 110798 | 110523 | 0.95 | cps |
| Neodymium | 150-2 | 58002 | 58132 | 58333 | 58156 | 0.29 | cps |
| Nickel | 60-2 | 96612 | 97528 | 96068 | 96736 | 0.76 | cps |
| Phosphorus | 31-2 | 21826 | 22710 | 22450 | 22329 | 2.04 | cps |
| Potassium | 39-2 | 3173738 | 3208628 | 3169015 | 3183794 | 0.68 | cps |
| Rhodium | 103-1 | 7776839 | 7619653 | 7545912 | 7647468 | 1.54 | cps |
| Rhodium | 103-2 | 4429376 | 3996681 | 3910342 | 4112133 | 6.76 | cps |
| Scandium | 45-1 | 4679989 | 4661126 | 4667293 | 4669469 | 0.21 | cps |
| Scandium | 45-2 | 418182 | 382147 | 362148 | 387492 | 7.33 | cps |
| Selenium | 82-1 | 535 | 470 | 445 | 483 | 9.63 | cps |
| Selenium | 77-2 | 217 | 197 | 230 | 214 | 7.82 | cps |
| Selenium | 78-2 | 380 | 380 | 343 | 368 | 5.76 | cps |
| Silicon | 28-1 | 33608570 | 33939487 | 34279222 | 33942426 | 0.99 | cps |
| Silver | 107-1 | 3174 | 3540 | 3347 | 3354 | 5.47 | cps |
| Silver | 109-1 | 3097 | 3127 | 3187 | 3137 | 1.46 | cps |
| Sodium | 23-2 | 140043 | 140548 | 140437 | 140343 | 0.19 | cps |
| Strontium | 86-1 | 260459 | 263038 | 263835 | 262444 | 0.67 | cps |
| Strontium | 88-1 | 2364201 | 2351838 | 2385321 | 2367120 | 0.72 | cps |
| Sulfur | 34-1 | 126760 | 125141 | 126334 | 126078 | 0.67 | cps |
| Terbium | 159-1 | 11403929 | 11326399 | 11239424 | 11323251 | 0.73 | cps |
| Terbium | 159-2 | 6803208 | 6072275 | 5917665 | 6264383 | 7.55 | cps |
| Thallium | 203-1 | 2724 | 2674 | 2670 | 2689 | 1.11 | cps |
| Thallium | 205-1 | 6025 | 6608 | 6378 | 6337 | 4.64 | cps |
| Tin | 118-1 | 5081 | 5258 | 5308 | 5215 | 2.28 | cps |
| Titanium | 47-1 | 740324 | 741685 | 746080 | 742697 | 0.41 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:06:56 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 22372 | 22753 | 22699 | 22608 | 0.91 | cps |
| Vanadium | 51-2 | 315410 | 319935 | 316820 | 317388 | 0.73 | cps |
| Yttrium | 89-1 | 14271194 | 14143370 | 14184223 | 14199596 | 0.46 | cps |
| Yttrium | 89-2 | 3439689 | 3090240 | 3039834 | 3189921 | 6.83 | cps |
| Zinc | 66-2 | 137069 | 138667 | 136749 | 137495 | 0.75 | cps |
| Zirconium | 90-1 | 186235 | 188007 | 188264 | 187502 | 0.59 | cps |
| Zirconium | 91-1 | 42134 | 42618 | 41940 | 42231 | 0.83 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11280988 | 11346504 | 11148934 | 11258808 | 0.89 | cps |
| Antimony | 121-1 | 3400 | 3304 | 3347 | 3350 | 1.45 | cps |
| Arsenic | 75-2 | 24146 | 23939 | 23819 | 23968 | 0.69 | cps |
| Barium | 135-1 | 692019 | 693987 | 698534 | 694846 | 0.48 | cps |
| Barium | 137-1 | 1199882 | 1210148 | 1195210 | 1201747 | 0.64 | cps |
| Beryllium | 9-1 | 1417 | 1189 | 1250 | 1285 | 9.17 | cps |
| Bismuth | 209-1 | 6926566 | 6741339 | 6758551 | 6808819 | 1.50 | cps |
| Bismuth | 209-2 | 4753877 | 4761036 | 4759018 | 4757977 | 0.08 | cps |
| Bromine | 81-1 | 14774 | 14657 | 15208 | 14880 | 1.95 | cps |
| Bromine | 81-2 | 820 | 767 | 993 | 860 | 13.78 | cps |
| Cadmium | 108-1 | 473 | 403 | 430 | 436 | 8.11 | cps |
| Cadmium | 106-1 | 3404 | 3284 | 3374 | 3354 | 1.86 | cps |
| Cadmium | 111-1 | 7336 | 7297 | 7385 | 7339 | 0.60 | cps |
| Calcium | 43-1 | 476862 | 481107 | 479880 | 479283 | 0.46 | cps |
| Calcium | 44-1 | 7265264 | 7256511 | 7227442 | 7249739 | 0.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 188786 | 189518 | 188405 | 188903 | 0.30 | cps |
| Cobalt | 59-2 | 476251 | 473657 | 470175 | 473361 | 0.64 | cps |
| Copper | 63-2 | 740612 | 733335 | 728837 | 734261 | 0.81 | cps |
| Dysprosium | 156-1 | 40722 | 41066 | 41027 | 40938 | 0.46 | cps |
| Dysprosium | 156-2 | 29488 | 29244 | 29354 | 29362 | 0.42 | cps |
| Erbium | 164-1 | 42618 | 42999 | 43735 | 43117 | 1.32 | cps |
| Erbium | 164-2 | 26545 | 26732 | 25784 | 26354 | 1.91 | cps |
| Gadolinium | 160-1 | 41110 | 41361 | 41986 | 41486 | 1.09 | cps |
| Gadolinium | 160-2 | 27337 | 27571 | 27293 | 27400 | 0.54 | cps |
| Holmium | 165-1 | 11221301 | 10956612 | 11014677 | 11064197 | 1.26 | cps |
| Holmium | 165-2 | 6716448 | 6644103 | 6736349 | 6698967 | 0.72 | cps |
| Indium | 115-1 | 8445894 | 8311422 | 8321962 | 8359759 | 0.89 | cps |
| Indium | 115-2 | 2569147 | 2579145 | 2580257 | 2576183 | 0.24 | cps |
| Iron | 56-2 | 363339515 | 360882381 | 360890195 | 361704030 | 0.39 | cps |
| Iron | 57-2 | 8907858 | 8879475 | 8921643 | 8902992 | 0.24 | cps |
| Iron | 54-2 | 19742290 | 19665236 | 19464775 | 19624100 | 0.73 | cps |
| Krypton | 83-1 | 227 | 237 | 197 | 220 | 9.46 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 237619 | 237984 | 237410 | 237671 | 0.12 | cps |
| Lead | 207-1 | 203699 | 203472 | 204102 | 203758 | 0.16 | cps |
| Lead | 208-1 | 925704 | 930858 | 927883 | 928148 | 0.28 | cps |
| Lithium | 6-1 | 1380115 | 1387907 | 1376381 | 1381468 | 0.43 | cps |
| Magnesium | 24-2 | 8848762 | 8791413 | 8691044 | 8777073 | 0.91 | cps |
| Manganese | 55-2 | 10142264 | 10023663 | 10024685 | 10063537 | 0.68 | cps |
| Molybdenum | 94-1 | 32135 | 32994 | 33014 | 32714 | 1.53 | cps |
| Molybdenum | 95-1 | 5104 | 4938 | 4864 | 4969 | 2.48 | cps |
| Molybdenum | 96-1 | 15719 | 15722 | 15612 | 15684 | 0.40 | cps |
| Molybdenum | 97-1 | 2937 | 3150 | 3037 | 3041 | 3.51 | cps |
| Molybdenum | 98-1 | 7379 | 7345 | 7579 | 7434 | 1.70 | cps |
| Neodymium | 150-1 | 59260 | 59953 | 60804 | 60006 | 1.29 | cps |
| Neodymium | 150-2 | 31559 | 31221 | 30526 | 31102 | 1.69 | cps |
| Nickel | 60-2 | 69323 | 69537 | 68817 | 69225 | 0.53 | cps |
| Phosphorus | 31-2 | 14320 | 14737 | 14614 | 14557 | 1.47 | cps |
| Potassium | 39-2 | 1318684 | 1315528 | 1309102 | 1314438 | 0.37 | cps |
| Rhodium | 103-1 | 7694500 | 7589054 | 7488767 | 7590774 | 1.36 | cps |
| Rhodium | 103-2 | 4401040 | 4355862 | 4361862 | 4372922 | 0.56 | cps |
| Scandium | 45-1 | 4746584 | 4728043 | 4714394 | 4729674 | 0.34 | cps |
| Scandium | 45-2 | 417519 | 420054 | 416499 | 418024 | 0.44 | cps |
| Selenium | 82-1 | 503 | 541 | 485 | 510 | 5.64 | cps |
| Selenium | 77-2 | 163 | 150 | 103 | 139 | 22.68 | cps |
| Selenium | 78-2 | 327 | 300 | 357 | 328 | 8.65 | cps |
| Silicon | 28-1 | 31369009 | 31908034 | 31876250 | 31717764 | 0.95 | cps |
| Silver | 107-1 | 8996 | 9667 | 9527 | 9396 | 3.76 | cps |
| Silver | 109-1 | 8703 | 8846 | 8896 | 8815 | 1.14 | cps |
| Sodium | 23-2 | 364663 | 363748 | 362140 | 363517 | 0.35 | cps |
| Strontium | 86-1 | 345416 | 347472 | 344176 | 345688 | 0.48 | cps |
| Strontium | 88-1 | 3124092 | 3217462 | 3134845 | 3158800 | 1.62 | cps |
| Sulfur | 34-1 | 117252 | 116100 | 115667 | 116340 | 0.70 | cps |
| Terbium | 159-1 | 11377491 | 11388664 | 11019733 | 11261963 | 1.86 | cps |
| Terbium | 159-2 | 6713378 | 6679523 | 6797142 | 6730015 | 0.90 | cps |
| Thallium | 203-1 | 2474 | 2450 | 2600 | 2508 | 3.22 | cps |
| Thallium | 205-1 | 5838 | 6008 | 5635 | 5827 | 3.21 | cps |
| Tin | 118-1 | 3524 | 3744 | 3814 | 3694 | 4.10 | cps |
| Titanium | 47-1 | 2082994 | 2094356 | 2146665 | 2108005 | 1.61 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4N4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:10:04 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14742 | 14722 | 14905 | 14789 | 0.68 | cps |
| Vanadium | 51-2 | 627652 | 628531 | 627948 | 628044 | 0.07 | cps |
| Yttrium | 89-1 | 14236178 | 14230440 | 14178143 | 14214920 | 0.22 | cps |
| Yttrium | 89-2 | 3465805 | 3392006 | 3424773 | 3427528 | 1.08 | cps |
| Zinc | 66-2 | 318142 | 318099 | 318616 | 318286 | 0.09 | cps |
| Zirconium | 90-1 | 80747 | 80295 | 80160 | 80401 | 0.38 | cps |
| Zirconium | 91-1 | 18412 | 18141 | 17724 | 18092 | 1.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1292815 | 1295049 | 1303711 | 1297192 | 0.44 | cps |
| Antimony | 121-1 | 1167 | 1183 | 1170 | 1173 | 0.75 | cps |
| Arsenic | 75-2 | 6918 | 6832 | 6725 | 6825 | 1.42 | cps |
| Barium | 135-1 | 245059 | 248208 | 249893 | 247720 | 0.99 | cps |
| Barium | 137-1 | 426086 | 429832 | 429237 | 428385 | 0.47 | cps |
| Beryllium | 9-1 | 356 | 367 | 444 | 389 | 12.45 | cps |
| Bismuth | 209-1 | 6897284 | 6723067 | 6770206 | 6796852 | 1.33 | cps |
| Bismuth | 209-2 | 4925514 | 4871964 | 4938271 | 4911916 | 0.72 | cps |
| Bromine | 81-1 | 11618 | 11698 | 11932 | 11749 | 1.39 | cps |
| Bromine | 81-2 | 290 | 290 | 310 | 297 | 3.89 | cps |
| Cadmium | 108-1 | 123 | 113 | 90 | 109 | 15.71 | cps |
| Cadmium | 106-1 | 2864 | 2834 | 2624 | 2774 | 4.72 | cps |
| Cadmium | 111-1 | 3022 | 2978 | 2814 | 2938 | 3.73 | cps |
| Calcium | 43-1 | 156281 | 158086 | 157585 | 157318 | 0.59 | cps |
| Calcium | 44-1 | 2426388 | 2427104 | 2403195 | 2418896 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50591 | 49651 | 50434 | 50225 | 1.00 | cps |
| Cobalt | 59-2 | 48441 | 48849 | 48364 | 48552 | 0.54 | cps |
| Copper | 63-2 | 232709 | 233741 | 232342 | 232931 | 0.31 | cps |
| Dysprosium | 156-1 | 12983 | 13760 | 13146 | 13296 | 3.08 | cps |
| Dysprosium | 156-2 | 10381 | 10637 | 10487 | 10502 | 1.23 | cps |
| Erbium | 164-1 | 9680 | 9940 | 10120 | 9914 | 2.23 | cps |
| Erbium | 164-2 | 6115 | 6131 | 6345 | 6197 | 2.07 | cps |
| Gadolinium | 160-1 | 12035 | 12312 | 12079 | 12142 | 1.23 | cps |
| Gadolinium | 160-2 | 8343 | 8049 | 8036 | 8142 | 2.13 | cps |
| Holmium | 165-1 | 10626364 | 10788781 | 10562560 | 10659235 | 1.09 | cps |
| Holmium | 165-2 | 6712768 | 6693572 | 6705143 | 6703828 | 0.14 | cps |
| Indium | 115-1 | 8353186 | 8330184 | 8278298 | 8320556 | 0.46 | cps |
| Indium | 115-2 | 2664059 | 2639749 | 2625207 | 2643005 | 0.74 | cps |
| Iron | 56-2 | 39253124 | 38812727 | 38613115 | 38892989 | 0.84 | cps |
| Iron | 57-2 | 991189 | 989548 | 992047 | 990928 | 0.13 | cps |
| Iron | 54-2 | 2186717 | 2126138 | 2137201 | 2150019 | 1.50 | cps |
| Krypton | 83-1 | 193 | 183 | 177 | 184 | 4.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 217327 | 219511 | 217835 | 218224 | 0.52 | cps |
| Lead | 207-1 | 188631 | 189466 | 189645 | 189247 | 0.29 | cps |
| Lead | 208-1 | 860928 | 861094 | 862513 | 861512 | 0.10 | cps |
| Lithium | 6-1 | 1328114 | 1377106 | 1379260 | 1361493 | 2.12 | cps |
| Magnesium | 24-2 | 1233367 | 1242182 | 1235021 | 1236857 | 0.38 | cps |
| Manganese | 55-2 | 1238992 | 1226097 | 1232020 | 1232370 | 0.52 | cps |
| Molybdenum | 94-1 | 18305 | 17527 | 18358 | 18063 | 2.58 | cps |
| Molybdenum | 95-1 | 743 | 757 | 787 | 762 | 2.91 | cps |
| Molybdenum | 96-1 | 4351 | 4291 | 4347 | 4330 | 0.78 | cps |
| Molybdenum | 97-1 | 443 | 413 | 443 | 433 | 4.00 | cps |
| Molybdenum | 98-1 | 940 | 1087 | 1040 | 1022 | 7.33 | cps |
| Neodymium | 150-1 | 25557 | 26224 | 25490 | 25757 | 1.58 | cps |
| Neodymium | 150-2 | 13393 | 13817 | 13690 | 13633 | 1.60 | cps |
| Nickel | 60-2 | 22928 | 22444 | 22527 | 22633 | 1.14 | cps |
| Phosphorus | 31-2 | 6535 | 6348 | 6421 | 6435 | 1.46 | cps |
| Potassium | 39-2 | 850325 | 856915 | 855652 | 854298 | 0.41 | cps |
| Rhodium | 103-1 | 7622566 | 7651971 | 7549350 | 7607962 | 0.69 | cps |
| Rhodium | 103-2 | 4504819 | 4433446 | 4527101 | 4488455 | 1.09 | cps |
| Scandium | 45-1 | 4501969 | 4448226 | 4447707 | 4465967 | 0.70 | cps |
| Scandium | 45-2 | 401070 | 399582 | 404659 | 401770 | 0.65 | cps |
| Selenium | 82-1 | 392 | 388 | 480 | 420 | 12.39 | cps |
| Selenium | 77-2 | 53 | 37 | 33 | 41 | 26.06 | cps |
| Selenium | 78-2 | 293 | 267 | 290 | 283 | 5.13 | cps |
| Silicon | 28-1 | 6455261 | 6461060 | 6518748 | 6478356 | 0.54 | cps |
| Silver | 107-1 | 1850 | 1687 | 1623 | 1720 | 6.80 | cps |
| Silver | 109-1 | 1410 | 1487 | 1503 | 1467 | 3.39 | cps |
| Sodium | 23-2 | 47336 | 46309 | 46804 | 46817 | 1.10 | cps |
| Strontium | 86-1 | 61729 | 61571 | 61401 | 61567 | 0.27 | cps |
| Strontium | 88-1 | 534946 | 536159 | 541528 | 537544 | 0.65 | cps |
| Sulfur | 34-1 | 115089 | 116174 | 118593 | 116619 | 1.54 | cps |
| Terbium | 159-1 | 11154514 | 11089114 | 11041327 | 11094985 | 0.51 | cps |
| Terbium | 159-2 | 6756772 | 6701962 | 6597430 | 6685388 | 1.21 | cps |
| Thallium | 203-1 | 613 | 690 | 683 | 662 | 6.41 | cps |
| Thallium | 205-1 | 1507 | 1457 | 1617 | 1527 | 5.36 | cps |
| Tin | 118-1 | 2807 | 2860 | 2684 | 2784 | 3.26 | cps |
| Titanium | 47-1 | 166083 | 166966 | 168499 | 167183 | 0.73 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:13:10 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4644 | 4748 | 4888 | 4760 | 2.57 | cps |
| Vanadium | 51-2 | 72513 | 71873 | 71826 | 72071 | 0.53 | cps |
| Yttrium | 89-1 | 13669259 | 13552081 | 13360842 | 13527394 | 1.15 | cps |
| Yttrium | 89-2 | 3341665 | 3319642 | 3304334 | 3321880 | 0.56 | cps |
| Zinc | 66-2 | 52191 | 51378 | 51903 | 51824 | 0.80 | cps |
| Zirconium | 90-1 | 48068 | 49269 | 47868 | 48402 | 1.57 | cps |
| Zirconium | 91-1 | 11134 | 10817 | 10911 | 10954 | 1.49 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1326093 | 1340701 | 1325320 | 1330705 | 0.65 | cps |
| Antimony | 121-1 | 1020 | 1167 | 1190 | 1126 | 8.19 | cps |
| Arsenic | 75-2 | 6568 | 6208 | 6518 | 6431 | 3.03 | cps |
| Barium | 135-1 | 242536 | 244373 | 246496 | 244469 | 0.81 | cps |
| Barium | 137-1 | 417954 | 421665 | 427935 | 422518 | 1.19 | cps |
| Beryllium | 9-1 | 311 | 389 | 406 | 369 | 13.68 | cps |
| Bismuth | 209-1 | 6883402 | 6845795 | 6745606 | 6824934 | 1.04 | cps |
| Bismuth | 209-2 | 4843785 | 4872172 | 4808384 | 4841447 | 0.66 | cps |
| Bromine | 81-1 | 11334 | 10958 | 11261 | 11184 | 1.79 | cps |
| Bromine | 81-2 | 243 | 307 | 310 | 287 | 13.10 | cps |
| Cadmium | 108-1 | 163 | 103 | 110 | 126 | 26.19 | cps |
| Cadmium | 106-1 | 2910 | 2804 | 2774 | 2829 | 2.54 | cps |
| Cadmium | 111-1 | 2983 | 2884 | 3041 | 2969 | 2.68 | cps |
| Calcium | 43-1 | 154655 | 156127 | 157750 | 156177 | 0.99 | cps |
| Calcium | 44-1 | 2378354 | 2400831 | 2431953 | 2403713 | 1.12 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50099 | 49685 | 49682 | 49822 | 0.48 | cps |
| Cobalt | 59-2 | 47652 | 47358 | 47589 | 47533 | 0.33 | cps |
| Copper | 63-2 | 229538 | 229459 | 229821 | 229606 | 0.08 | cps |
| Dysprosium | 156-1 | 13026 | 13276 | 12929 | 13077 | 1.37 | cps |
| Dysprosium | 156-2 | 10114 | 10314 | 10034 | 10154 | 1.42 | cps |
| Erbium | 164-1 | 10040 | 10104 | 9850 | 9998 | 1.32 | cps |
| Erbium | 164-2 | 6165 | 5851 | 6105 | 6040 | 2.75 | cps |
| Gadolinium | 160-1 | 12536 | 11668 | 12309 | 12171 | 3.70 | cps |
| Gadolinium | 160-2 | 8733 | 8296 | 8559 | 8529 | 2.58 | cps |
| Holmium | 165-1 | 10766992 | 10858609 | 10681418 | 10769006 | 0.82 | cps |
| Holmium | 165-2 | 6680247 | 6644866 | 6651004 | 6658706 | 0.28 | cps |
| Indium | 115-1 | 8268141 | 8282022 | 8293441 | 8281201 | 0.15 | cps |
| Indium | 115-2 | 2659924 | 2626967 | 2625016 | 2637302 | 0.74 | cps |
| Iron | 56-2 | 38708795 | 38844684 | 38559811 | 38704430 | 0.37 | cps |
| Iron | 57-2 | 982425 | 989083 | 985022 | 985510 | 0.34 | cps |
| Iron | 54-2 | 2112857 | 2172492 | 2147017 | 2144122 | 1.40 | cps |
| Krypton | 83-1 | 200 | 217 | 163 | 193 | 14.11 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 212218 | 214774 | 216486 | 214493 | 1.00 | cps |
| Lead | 207-1 | 184620 | 186947 | 186431 | 185999 | 0.66 | cps |
| Lead | 208-1 | 841737 | 849526 | 853338 | 848200 | 0.70 | cps |
| Lithium | 6-1 | 1334185 | 1361017 | 1361858 | 1352353 | 1.16 | cps |
| Magnesium | 24-2 | 1218228 | 1249659 | 1238233 | 1235373 | 1.29 | cps |
| Manganese | 55-2 | 1213247 | 1220357 | 1215500 | 1216368 | 0.30 | cps |
| Molybdenum | 94-1 | 19083 | 18852 | 19510 | 19148 | 1.74 | cps |
| Molybdenum | 95-1 | 660 | 660 | 630 | 650 | 2.66 | cps |
| Molybdenum | 96-1 | 4357 | 4371 | 4434 | 4387 | 0.93 | cps |
| Molybdenum | 97-1 | 377 | 373 | 400 | 383 | 3.79 | cps |
| Molybdenum | 98-1 | 960 | 973 | 970 | 968 | 0.72 | cps |
| Neodymium | 150-1 | 24885 | 25784 | 25717 | 25462 | 1.97 | cps |
| Neodymium | 150-2 | 12906 | 13453 | 13130 | 13163 | 2.09 | cps |
| Nickel | 60-2 | 21315 | 22076 | 21365 | 21586 | 1.97 | cps |
| Phosphorus | 31-2 | 6115 | 6255 | 6051 | 6140 | 1.70 | cps |
| Potassium | 39-2 | 852678 | 852376 | 853845 | 852966 | 0.09 | cps |
| Rhodium | 103-1 | 7716537 | 7623636 | 7557087 | 7632420 | 1.05 | cps |
| Rhodium | 103-2 | 4465676 | 4439762 | 4392198 | 4432545 | 0.84 | cps |
| Scandium | 45-1 | 4487465 | 4446670 | 4478356 | 4470830 | 0.48 | cps |
| Scandium | 45-2 | 403304 | 401696 | 403998 | 402999 | 0.29 | cps |
| Selenium | 82-1 | 441 | 425 | 460 | 442 | 3.95 | cps |
| Selenium | 77-2 | 53 | 43 | 27 | 41 | 32.76 | cps |
| Selenium | 78-2 | 267 | 340 | 330 | 312 | 12.74 | cps |
| Silicon | 28-1 | 6650415 | 6599327 | 6637896 | 6629212 | 0.40 | cps |
| Silver | 107-1 | 1600 | 1617 | 1487 | 1568 | 4.51 | cps |
| Silver | 109-1 | 1417 | 1543 | 1597 | 1519 | 6.09 | cps |
| Sodium | 23-2 | 44745 | 45571 | 44484 | 44933 | 1.26 | cps |
| Strontium | 86-1 | 59918 | 60902 | 60216 | 60345 | 0.84 | cps |
| Strontium | 88-1 | 532446 | 533052 | 533548 | 533015 | 0.10 | cps |
| Sulfur | 34-1 | 118475 | 119584 | 121045 | 119701 | 1.08 | cps |
| Terbium | 159-1 | 11034961 | 10848562 | 10889026 | 10924183 | 0.90 | cps |
| Terbium | 159-2 | 6656165 | 6606650 | 6491997 | 6584937 | 1.28 | cps |
| Thallium | 203-1 | 670 | 713 | 680 | 688 | 3.30 | cps |
| Thallium | 205-1 | 1497 | 1587 | 1510 | 1531 | 3.17 | cps |
| Tin | 118-1 | 2594 | 2587 | 2550 | 2577 | 0.91 | cps |
| Titanium | 47-1 | 163822 | 165908 | 166824 | 165518 | 0.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-09DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:16:21 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4608 | 4574 | 4888 | 4690 | 3.67 | cps |
| Vanadium | 51-2 | 72114 | 72285 | 72198 | 72199 | 0.12 | cps |
| Yttrium | 89-1 | 13539088 | 13299595 | 13551673 | 13463452 | 1.06 | cps |
| Yttrium | 89-2 | 3319332 | 3294846 | 3239533 | 3284570 | 1.24 | cps |
| Zinc | 66-2 | 50819 | 51248 | 50532 | 50866 | 0.71 | cps |
| Zirconium | 90-1 | 50547 | 50516 | 50694 | 50586 | 0.19 | cps |
| Zirconium | 91-1 | 11661 | 11368 | 11361 | 11463 | 1.50 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 260345 | 261774 | 261503 | 261207 | 0.29 | cps |
| Antimony | 121-1 | 307 | 327 | 303 | 312 | 4.04 | cps |
| Arsenic | 75-2 | 1257 | 1237 | 1327 | 1273 | 3.71 | cps |
| Barium | 135-1 | 49432 | 49104 | 49716 | 49418 | 0.62 | cps |
| Barium | 137-1 | 85072 | 83500 | 86122 | 84898 | 1.55 | cps |
| Beryllium | 9-1 | 67 | 78 | 111 | 85 | 27.15 | cps |
| Bismuth | 209-1 | 6881758 | 6919053 | 6931499 | 6910770 | 0.37 | cps |
| Bismuth | 209-2 | 4885305 | 4976919 | 4503967 | 4788730 | 5.24 | cps |
| Bromine | 81-1 | 11134 | 10767 | 10981 | 10961 | 1.68 | cps |
| Bromine | 81-2 | 137 | 117 | 97 | 117 | 17.14 | cps |
| Cadmium | 108-1 | 27 | 33 | 23 | 28 | 18.33 | cps |
| Cadmium | 106-1 | 2600 | 2690 | 2627 | 2639 | 1.75 | cps |
| Cadmium | 111-1 | 2012 | 2030 | 2063 | 2035 | 1.27 | cps |
| Calcium | 43-1 | 31306 | 32000 | 32408 | 31905 | 1.75 | cps |
| Calcium | 44-1 | 523365 | 530212 | 531679 | 528418 | 0.84 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 11188 | 11358 | 11114 | 11220 | 1.11 | cps |
| Cobalt | 59-2 | 9840 | 9880 | 9930 | 9883 | 0.46 | cps |
| Copper | 63-2 | 47462 | 47201 | 46987 | 47216 | 0.50 | cps |
| Dysprosium | 156-1 | 2547 | 2527 | 2520 | 2531 | 0.55 | cps |
| Dysprosium | 156-2 | 2044 | 1943 | 2144 | 2044 | 4.89 | cps |
| Erbium | 164-1 | 2017 | 2054 | 2070 | 2047 | 1.33 | cps |
| Erbium | 164-2 | 1137 | 1207 | 1237 | 1193 | 4.30 | cps |
| Gadolinium | 160-1 | 2470 | 2567 | 2500 | 2512 | 1.97 | cps |
| Gadolinium | 160-2 | 1863 | 1877 | 1690 | 1810 | 5.75 | cps |
| Holmium | 165-1 | 10892541 | 10897802 | 10847304 | 10879216 | 0.26 | cps |
| Holmium | 165-2 | 6685451 | 6819654 | 6126962 | 6544023 | 5.61 | cps |
| Indium | 115-1 | 8571188 | 8408339 | 8330990 | 8436839 | 1.45 | cps |
| Indium | 115-2 | 2651872 | 2628106 | 2427951 | 2569310 | 4.79 | cps |
| Iron | 56-2 | 7833267 | 7881093 | 7828421 | 7847593 | 0.37 | cps |
| Iron | 57-2 | 200002 | 200157 | 199364 | 199841 | 0.21 | cps |
| Iron | 54-2 | 443315 | 437726 | 443081 | 441374 | 0.72 | cps |
| Krypton | 83-1 | 180 | 183 | 193 | 186 | 3.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43312 | 44075 | 44108 | 43832 | 1.03 | cps |
| Lead | 207-1 | 37749 | 37264 | 37726 | 37580 | 0.73 | cps |
| Lead | 208-1 | 171848 | 173992 | 173245 | 173029 | 0.63 | cps |
| Lithium | 6-1 | 1338438 | 1343308 | 1356587 | 1346111 | 0.70 | cps |
| Magnesium | 24-2 | 250301 | 253923 | 251867 | 252030 | 0.72 | cps |
| Manganese | 55-2 | 245650 | 246047 | 248743 | 246813 | 0.68 | cps |
| Molybdenum | 94-1 | 3614 | 3761 | 3844 | 3739 | 3.11 | cps |
| Molybdenum | 95-1 | 243 | 290 | 290 | 274 | 9.82 | cps |
| Molybdenum | 96-1 | 1057 | 947 | 1003 | 1002 | 5.49 | cps |
| Molybdenum | 97-1 | 160 | 227 | 203 | 197 | 17.20 | cps |
| Molybdenum | 98-1 | 480 | 397 | 397 | 424 | 11.33 | cps |
| Neodymium | 150-1 | 5118 | 5224 | 5141 | 5161 | 1.09 | cps |
| Neodymium | 150-2 | 2594 | 2807 | 2750 | 2717 | 4.07 | cps |
| Nickel | 60-2 | 4561 | 4757 | 4547 | 4622 | 2.54 | cps |
| Phosphorus | 31-2 | 1273 | 1323 | 1360 | 1319 | 3.30 | cps |
| Potassium | 39-2 | 205629 | 204818 | 206596 | 205681 | 0.43 | cps |
| Rhodium | 103-1 | 7905672 | 7789822 | 7701658 | 7799051 | 1.31 | cps |
| Rhodium | 103-2 | 4499029 | 4560788 | 4163692 | 4407836 | 4.85 | cps |
| Scandium | 45-1 | 4517847 | 4477907 | 4496420 | 4497391 | 0.44 | cps |
| Scandium | 45-2 | 405224 | 399554 | 367683 | 390820 | 5.18 | cps |
| Selenium | 82-1 | 476 | 502 | 475 | 484 | 3.20 | cps |
| Selenium | 77-2 | 10 | 3 | 10 | 8 | 49.52 | cps |
| Selenium | 78-2 | 213 | 233 | 287 | 244 | 15.51 | cps |
| Silicon | 28-1 | 1497844 | 1486070 | 1484780 | 1489565 | 0.48 | cps |
| Silver | 107-1 | 470 | 410 | 410 | 430 | 8.06 | cps |
| Silver | 109-1 | 393 | 357 | 423 | 391 | 8.54 | cps |
| Sodium | 23-2 | 21675 | 22460 | 22206 | 22114 | 1.81 | cps |
| Strontium | 86-1 | 12529 | 13096 | 12652 | 12759 | 2.34 | cps |
| Strontium | 88-1 | 108157 | 108318 | 108785 | 108420 | 0.30 | cps |
| Sulfur | 34-1 | 114750 | 117531 | 119133 | 117138 | 1.89 | cps |
| Terbium | 159-1 | 11186811 | 11026267 | 10990309 | 11067796 | 0.95 | cps |
| Terbium | 159-2 | 6779962 | 6675655 | 6132324 | 6529314 | 5.33 | cps |
| Thallium | 203-1 | 217 | 220 | 250 | 229 | 8.02 | cps |
| Thallium | 205-1 | 640 | 510 | 553 | 568 | 11.66 | cps |
| Tin | 118-1 | 1773 | 1877 | 1697 | 1782 | 5.07 | cps |
| Titanium | 47-1 | 33213 | 33594 | 34005 | 33604 | 1.18 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-02 22:19:30 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1047 | 1003 | 1023 | 1024 | 2.12 | cps |
| Vanadium | 51-2 | 14340 | 14634 | 14607 | 14527 | 1.12 | cps |
| Yttrium | 89-1 | 13763762 | 13626124 | 13510021 | 13633303 | 0.93 | cps |
| Yttrium | 89-2 | 3278006 | 3302329 | 3055500 | 3211945 | 4.24 | cps |
| Zinc | 66-2 | 11191 | 10767 | 11027 | 10995 | 1.94 | cps |
| Zirconium | 90-1 | 10104 | 10190 | 10090 | 10128 | 0.54 | cps |
| Zirconium | 91-1 | 2190 | 2160 | 2200 | 2184 | 0.95 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1351932 | 1369709 | 1343855 | 1355165 | 0.98 | cps |
| Antimony | 121-1 | 148811 | 150774 | 151633 | 150406 | 0.96 | cps |
| Arsenic | 75-2 | 9460 | 9360 | 9183 | 9334 | 1.50 | cps |
| Barium | 135-1 | 999549 | 1007463 | 1011502 | 1006171 | 0.60 | cps |
| Barium | 137-1 | 1875471 | 1891450 | 1899879 | 1888934 | 0.66 | cps |
| Beryllium | 9-1 | 11126 | 11338 | 11960 | 11475 | 3.78 | cps |
| Bismuth | 209-1 | 6900572 | 6974309 | 6494613 | 6789832 | 3.80 | cps |
| Bismuth | 209-2 | 4875690 | 4877271 | 4909135 | 4887365 | 0.39 | cps |
| Bromine | 81-1 | 11041 | 11755 | 11621 | 11472 | 3.31 | cps |
| Bromine | 81-2 | 240 | 260 | 303 | 268 | 12.09 | cps |
| Cadmium | 108-1 | 1460 | 1367 | 1230 | 1352 | 8.55 | cps |
| Cadmium | 106-1 | 4631 | 4544 | 4207 | 4461 | 5.02 | cps |
| Cadmium | 111-1 | 22173 | 22221 | 22308 | 22234 | 0.31 | cps |
| Calcium | 43-1 | 152463 | 155881 | 155332 | 154559 | 1.19 | cps |
| Calcium | 44-1 | 2358456 | 2391483 | 2380907 | 2376949 | 0.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 176189 | 176823 | 175997 | 176337 | 0.25 | cps |
| Cobalt | 59-2 | 526310 | 523025 | 525518 | 524951 | 0.33 | cps |
| Copper | 63-2 | 390266 | 390087 | 391490 | 390614 | 0.20 | cps |
| Dysprosium | 156-1 | 12739 | 12809 | 13303 | 12950 | 2.37 | cps |
| Dysprosium | 156-2 | 10204 | 10527 | 10461 | 10397 | 1.64 | cps |
| Erbium | 164-1 | 9783 | 9770 | 10034 | 9862 | 1.51 | cps |
| Erbium | 164-2 | 5991 | 6051 | 5768 | 5937 | 2.52 | cps |
| Gadolinium | 160-1 | 11985 | 11969 | 12249 | 12068 | 1.30 | cps |
| Gadolinium | 160-2 | 8473 | 8176 | 8216 | 8288 | 1.94 | cps |
| Holmium | 165-1 | 10973825 | 10930152 | 10251738 | 10718572 | 3.78 | cps |
| Holmium | 165-2 | 6799696 | 6721213 | 6789135 | 6770015 | 0.63 | cps |
| Indium | 115-1 | 8469216 | 8339042 | 7902744 | 8237001 | 3.60 | cps |
| Indium | 115-2 | 2670228 | 2622371 | 2631183 | 2641261 | 0.96 | cps |
| Iron | 56-2 | 38895784 | 38856399 | 38823176 | 38858453 | 0.09 | cps |
| Iron | 57-2 | 993019 | 984238 | 991338 | 989532 | 0.47 | cps |
| Iron | 54-2 | 2118638 | 2161448 | 2155317 | 2145134 | 1.08 | cps |
| Krypton | 83-1 | 203 | 233 | 247 | 228 | 9.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 233827 | 233968 | 238273 | 235356 | 1.07 | cps |
| Lead | 207-1 | 204591 | 204992 | 206952 | 205512 | 0.61 | cps |
| Lead | 208-1 | 928954 | 937435 | 942921 | 936437 | 0.75 | cps |
| Lithium | 6-1 | 1363819 | 1370818 | 1315171 | 1349936 | 2.25 | cps |
| Magnesium | 24-2 | 1214219 | 1205202 | 1208135 | 1209185 | 0.38 | cps |
| Manganese | 55-2 | 1430379 | 1420096 | 1430029 | 1426835 | 0.41 | cps |
| Molybdenum | 94-1 | 18839 | 19263 | 19703 | 19268 | 2.24 | cps |
| Molybdenum | 95-1 | 703 | 650 | 783 | 712 | 9.42 | cps |
| Molybdenum | 96-1 | 4301 | 4404 | 4487 | 4397 | 2.13 | cps |
| Molybdenum | 97-1 | 443 | 430 | 413 | 429 | 3.50 | cps |
| Molybdenum | 98-1 | 967 | 1043 | 997 | 1002 | 3.85 | cps |
| Neodymium | 150-1 | 25096 | 25299 | 25697 | 25364 | 1.21 | cps |
| Neodymium | 150-2 | 13160 | 13380 | 13323 | 13287 | 0.86 | cps |
| Nickel | 60-2 | 143159 | 143230 | 143152 | 143181 | 0.03 | cps |
| Phosphorus | 31-2 | 6145 | 6171 | 6065 | 6127 | 0.91 | cps |
| Potassium | 39-2 | 834801 | 831547 | 835352 | 833900 | 0.25 | cps |
| Rhodium | 103-1 | 7757101 | 7811385 | 7255892 | 7608126 | 4.03 | cps |
| Rhodium | 103-2 | 4491538 | 4500310 | 4514609 | 4502152 | 0.26 | cps |
| Scandium | 45-1 | 4495761 | 4523215 | 4233657 | 4417544 | 3.62 | cps |
| Scandium | 45-2 | 406507 | 402072 | 404295 | 404291 | 0.55 | cps |
| Selenium | 82-1 | 2961 | 2952 | 3052 | 2989 | 1.86 | cps |
| Selenium | 77-2 | 277 | 307 | 347 | 310 | 11.33 | cps |
| Selenium | 78-2 | 1050 | 990 | 1197 | 1079 | 9.86 | cps |
| Silicon | 28-1 | 6686491 | 6699837 | 6709849 | 6698726 | 0.17 | cps |
| Silver | 107-1 | 79858 | 81453 | 83257 | 81523 | 2.09 | cps |
| Silver | 109-1 | 75100 | 77516 | 77925 | 76847 | 1.99 | cps |
| Sodium | 23-2 | 44464 | 44808 | 43809 | 44360 | 1.14 | cps |
| Strontium | 86-1 | 60738 | 61421 | 60400 | 60853 | 0.85 | cps |
| Strontium | 88-1 | 527525 | 536140 | 530564 | 531410 | 0.82 | cps |
| Sulfur | 34-1 | 125386 | 125611 | 123279 | 124759 | 1.03 | cps |
| Terbium | 159-1 | 11256830 | 11235331 | 10672415 | 11054858 | 3.00 | cps |
| Terbium | 159-2 | 6710768 | 6671881 | 6669966 | 6684205 | 0.34 | cps |
| Thallium | 203-1 | 68581 | 68759 | 70073 | 69138 | 1.18 | cps |
| Thallium | 205-1 | 162492 | 164663 | 166152 | 164436 | 1.12 | cps |
| Tin | 118-1 | 2624 | 2514 | 2540 | 2559 | 2.24 | cps |
| Titanium | 47-1 | 161723 | 163263 | 162949 | 162645 | 0.50 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-10DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:22:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4938 | 5078 | 4851 | 4955 | 2.31 | cps |
| Vanadium | 51-2 | 346251 | 345819 | 346592 | 346221 | 0.11 | cps |
| Yttrium | 89-1 | 13725746 | 13699972 | 12749191 | 13391636 | 4.16 | cps |
| Yttrium | 89-2 | 3349034 | 3305622 | 3290135 | 3314930 | 0.92 | cps |
| Zinc | 66-2 | 104187 | 103817 | 103562 | 103855 | 0.30 | cps |
| Zirconium | 90-1 | 49634 | 49797 | 51413 | 50281 | 1.96 | cps |
| Zirconium | 91-1 | 11415 | 11621 | 11461 | 11499 | 0.94 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1530115 | 1511766 | 1535159 | 1525680 | 0.81 | cps |
| Antimony | 121-1 | 722880 | 727928 | 732739 | 727849 | 0.68 | cps |
| Arsenic | 75-2 | 20905 | 20007 | 20397 | 20436 | 2.20 | cps |
| Barium | 135-1 | 4259418 | 4253853 | 4218514 | 4243929 | 0.52 | cps |
| Barium | 137-1 | 7291859 | 7232292 | 7266175 | 7263442 | 0.41 | cps |
| Beryllium | 9-1 | 54440 | 54802 | 55398 | 54880 | 0.88 | cps |
| Bismuth | 209-1 | 6882071 | 6958409 | 6278689 | 6706389 | 5.55 | cps |
| Bismuth | 209-2 | 4863535 | 4928032 | 4973922 | 4921830 | 1.13 | cps |
| Bromine | 81-1 | 11855 | 11651 | 11438 | 11648 | 1.79 | cps |
| Bromine | 81-2 | 260 | 250 | 277 | 262 | 5.14 | cps |
| Cadmium | 108-1 | 6318 | 6241 | 6128 | 6229 | 1.54 | cps |
| Cadmium | 106-1 | 11074 | 11408 | 11031 | 11171 | 1.85 | cps |
| Cadmium | 111-1 | 94155 | 96153 | 96177 | 95495 | 1.22 | cps |
| Calcium | 43-1 | 147546 | 147882 | 146862 | 147430 | 0.35 | cps |
| Calcium | 44-1 | 2260591 | 2275152 | 2249906 | 2261883 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 650156 | 648813 | 642669 | 647212 | 0.62 | cps |
| Cobalt | 59-2 | 2391123 | 2392192 | 2340948 | 2374754 | 1.23 | cps |
| Copper | 63-2 | 990031 | 984453 | 982139 | 985541 | 0.41 | cps |
| Dysprosium | 156-1 | 12669 | 12245 | 12596 | 12503 | 1.81 | cps |
| Dysprosium | 156-2 | 9824 | 9874 | 10134 | 9944 | 1.67 | cps |
| Erbium | 164-1 | 9350 | 9560 | 9597 | 9502 | 1.40 | cps |
| Erbium | 164-2 | 5711 | 5788 | 5778 | 5759 | 0.72 | cps |
| Gadolinium | 160-1 | 11565 | 11778 | 12125 | 11823 | 2.39 | cps |
| Gadolinium | 160-2 | 7952 | 7952 | 7806 | 7903 | 1.07 | cps |
| Holmium | 165-1 | 10979735 | 10779249 | 9723388 | 10494124 | 6.43 | cps |
| Holmium | 165-2 | 6704972 | 6726951 | 6786695 | 6739539 | 0.63 | cps |
| Indium | 115-1 | 8458620 | 8277643 | 7446685 | 8060983 | 6.69 | cps |
| Indium | 115-2 | 2663445 | 2634149 | 2589589 | 2629061 | 1.41 | cps |
| Iron | 56-2 | 39354699 | 38782231 | 38988489 | 39041806 | 0.74 | cps |
| Iron | 57-2 | 995451 | 988508 | 995358 | 993105 | 0.40 | cps |
| Iron | 54-2 | 2159318 | 2156884 | 2142006 | 2152736 | 0.44 | cps |
| Krypton | 83-1 | 230 | 203 | 217 | 217 | 6.15 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 310709 | 313127 | 320198 | 314678 | 1.57 | cps |
| Lead | 207-1 | 268380 | 273653 | 276040 | 272691 | 1.44 | cps |
| Lead | 208-1 | 1234131 | 1242269 | 1264156 | 1246852 | 1.25 | cps |
| Lithium | 6-1 | 1336694 | 1373210 | 1271817 | 1327240 | 3.87 | cps |
| Magnesium | 24-2 | 1142609 | 1130033 | 1138925 | 1137189 | 0.57 | cps |
| Manganese | 55-2 | 2234089 | 2201758 | 2216353 | 2217400 | 0.73 | cps |
| Molybdenum | 94-1 | 18402 | 18999 | 19149 | 18850 | 2.10 | cps |
| Molybdenum | 95-1 | 747 | 760 | 740 | 749 | 1.36 | cps |
| Molybdenum | 96-1 | 4261 | 4541 | 4524 | 4442 | 3.54 | cps |
| Molybdenum | 97-1 | 393 | 427 | 377 | 399 | 6.38 | cps |
| Molybdenum | 98-1 | 1053 | 1063 | 1107 | 1074 | 2.64 | cps |
| Neodymium | 150-1 | 23934 | 24548 | 24511 | 24331 | 1.42 | cps |
| Neodymium | 150-2 | 12916 | 12499 | 12966 | 12794 | 2.00 | cps |
| Nickel | 60-2 | 601772 | 600790 | 595617 | 599393 | 0.55 | cps |
| Phosphorus | 31-2 | 5728 | 5915 | 5691 | 5778 | 2.07 | cps |
| Potassium | 39-2 | 797116 | 790774 | 787264 | 791718 | 0.63 | cps |
| Rhodium | 103-1 | 7597529 | 7655094 | 6853481 | 7368701 | 6.07 | cps |
| Rhodium | 103-2 | 4509346 | 4493274 | 4483993 | 4495538 | 0.29 | cps |
| Scandium | 45-1 | 4567064 | 4474152 | 4018739 | 4353318 | 6.74 | cps |
| Scandium | 45-2 | 401561 | 397535 | 400969 | 400022 | 0.54 | cps |
| Selenium | 82-1 | 12772 | 13106 | 12689 | 12856 | 1.72 | cps |
| Selenium | 77-2 | 1127 | 1187 | 1177 | 1163 | 2.76 | cps |
| Selenium | 78-2 | 4031 | 4284 | 3991 | 4102 | 3.88 | cps |
| Silicon | 28-1 | 6430037 | 6535253 | 6496723 | 6487338 | 0.82 | cps |
| Silver | 107-1 | 383078 | 389335 | 391841 | 388085 | 1.16 | cps |
| Silver | 109-1 | 365163 | 367244 | 369336 | 367248 | 0.57 | cps |
| Sodium | 23-2 | 43638 | 43602 | 42900 | 43380 | 0.96 | cps |
| Strontium | 86-1 | 56852 | 56903 | 58292 | 57349 | 1.42 | cps |
| Strontium | 88-1 | 505443 | 510452 | 507278 | 507724 | 0.50 | cps |
| Sulfur | 34-1 | 121229 | 123383 | 120007 | 121540 | 1.41 | cps |
| Terbium | 159-1 | 11200462 | 11172822 | 10033434 | 10802239 | 6.16 | cps |
| Terbium | 159-2 | 6788017 | 6760377 | 6766686 | 6771693 | 0.21 | cps |
| Thallium | 203-1 | 332785 | 332232 | 337704 | 334240 | 0.90 | cps |
| Thallium | 205-1 | 786853 | 790506 | 808055 | 795138 | 1.43 | cps |
| Tin | 118-1 | 2600 | 2637 | 2720 | 2652 | 2.32 | cps |
| Titanium | 47-1 | 152701 | 154718 | 155563 | 154327 | 0.95 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4520-08MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M1SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 22:25:53 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4494 | 4684 | 4624 | 4601 | 2.11 | cps |
| Vanadium | 51-2 | 1390687 | 1370460 | 1335820 | 1365655 | 2.03 | cps |
| Yttrium | 89-1 | 13605192 | 13630949 | 12263717 | 13166620 | 5.94 | cps |
| Yttrium | 89-2 | 3314474 | 3298025 | 3296346 | 3302948 | 0.30 | cps |
| Zinc | 66-2 | 304306 | 300962 | 304487 | 303252 | 0.65 | cps |
| Zirconium | 90-1 | 49068 | 49844 | 49239 | 49384 | 0.83 | cps |
| Zirconium | 91-1 | 10727 | 11224 | 11298 | 11083 | 2.80 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1107 | 1237 | 1223 | 1189 | 6.02 | cps |
| Antimony | 121-1 | 223 | 303 | 297 | 274 | 16.17 | cps |
| Arsenic | 75-2 | 27 | 0 | 7 | 11 | 124.89 | cps |
| Barium | 135-1 | 340 | 407 | 377 | 374 | 8.92 | cps |
| Barium | 137-1 | 630 | 710 | 590 | 643 | 9.50 | cps |
| Beryllium | 9-1 | 50 | 67 | 39 | 52 | 26.97 | cps |
| Bismuth | 209-1 | 5931295 | 6632014 | 6688956 | 6417422 | 6.58 | cps |
| Bismuth | 209-2 | 4837396 | 4802723 | 4819976 | 4820031 | 0.36 | cps |
| Bromine | 81-1 | 11181 | 11515 | 10844 | 11180 | 3.00 | cps |
| Bromine | 81-2 | 63 | 50 | 77 | 63 | 21.06 | cps |
| Cadmium | 108-1 | 13 | 7 | 23 | 14 | 58.06 | cps |
| Cadmium | 106-1 | 2187 | 2347 | 2164 | 2232 | 4.47 | cps |
| Cadmium | 111-1 | 1531 | 1661 | 1521 | 1571 | 4.97 | cps |
| Calcium | 43-1 | 307 | 323 | 297 | 309 | 4.36 | cps |
| Calcium | 44-1 | 11465 | 12089 | 11962 | 11839 | 2.78 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 613 | 660 | 610 | 628 | 4.45 | cps |
| Cobalt | 59-2 | 197 | 183 | 237 | 206 | 13.50 | cps |
| Copper | 63-2 | 893 | 940 | 1077 | 970 | 9.82 | cps |
| Dysprosium | 156-1 | 10 | 20 | 23 | 18 | 39.03 | cps |
| Dysprosium | 156-2 | 13 | 23 | 10 | 16 | 44.60 | cps |
| Erbium | 164-1 | 87 | 63 | 70 | 73 | 16.39 | cps |
| Erbium | 164-2 | 53 | 47 | 50 | 50 | 6.66 | cps |
| Gadolinium | 160-1 | 17 | 70 | 27 | 38 | 75.03 | cps |
| Gadolinium | 160-2 | 290 | 227 | 257 | 258 | 12.29 | cps |
| Holmium | 165-1 | 9457993 | 10520164 | 10549026 | 10175728 | 6.11 | cps |
| Holmium | 165-2 | 6716772 | 6592653 | 6578241 | 6629222 | 1.15 | cps |
| Indium | 115-1 | 7303412 | 8330139 | 8226589 | 7953380 | 7.11 | cps |
| Indium | 115-2 | 2638269 | 2602885 | 2638087 | 2626414 | 0.78 | cps |
| Iron | 56-2 | 45479 | 44439 | 46492 | 45470 | 2.26 | cps |
| Iron | 57-2 | 1810 | 1850 | 2157 | 1939 | 9.78 | cps |
| Iron | 54-2 | 3270 | 3514 | 3480 | 3422 | 3.86 | cps |
| Krypton | 83-1 | 197 | 147 | 237 | 193 | 23.32 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 527 | 583 | 527 | 546 | 6.00 | cps |
| Lead | 207-1 | 453 | 550 | 513 | 506 | 9.65 | cps |
| Lead | 208-1 | 2183 | 2360 | 2167 | 2237 | 4.79 | cps |
| Lithium | 6-1 | 1239710 | 1340646 | 1345181 | 1308512 | 4.56 | cps |
| Magnesium | 24-2 | 1877 | 1777 | 1827 | 1827 | 2.74 | cps |
| Manganese | 55-2 | 1343 | 1310 | 1400 | 1351 | 3.37 | cps |
| Molybdenum | 94-1 | 233 | 273 | 330 | 279 | 17.42 | cps |
| Molybdenum | 95-1 | 183 | 147 | 193 | 174 | 14.09 | cps |
| Molybdenum | 96-1 | 253 | 213 | 213 | 227 | 10.19 | cps |
| Molybdenum | 97-1 | 80 | 107 | 117 | 101 | 18.75 | cps |
| Molybdenum | 98-1 | 287 | 207 | 237 | 243 | 16.61 | cps |
| Neodymium | 150-1 | 27 | 10 | 13 | 17 | 52.93 | cps |
| Neodymium | 150-2 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Nickel | 60-2 | 167 | 160 | 220 | 182 | 18.05 | cps |
| Phosphorus | 31-2 | 117 | 157 | 137 | 137 | 14.63 | cps |
| Potassium | 39-2 | 43950 | 45588 | 44983 | 44840 | 1.85 | cps |
| Rhodium | 103-1 | 6857972 | 7619846 | 7653550 | 7377123 | 6.10 | cps |
| Rhodium | 103-2 | 4528873 | 4484327 | 4454956 | 4489385 | 0.83 | cps |
| Scandium | 45-1 | 3927129 | 4462268 | 4440616 | 4276671 | 7.08 | cps |
| Scandium | 45-2 | 396574 | 393922 | 394986 | 395161 | 0.34 | cps |
| Selenium | 82-1 | 334 | 481 | 334 | 383 | 22.10 | cps |
| Selenium | 77-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 223 | 240 | 253 | 239 | 6.29 | cps |
| Silicon | 28-1 | 199816 | 198466 | 199570 | 199284 | 0.36 | cps |
| Silver | 107-1 | 207 | 167 | 163 | 179 | 13.48 | cps |
| Silver | 109-1 | 127 | 170 | 147 | 148 | 14.67 | cps |
| Sodium | 23-2 | 15908 | 15291 | 15555 | 15585 | 1.99 | cps |
| Strontium | 86-1 | 547 | 627 | 507 | 560 | 10.91 | cps |
| Strontium | 88-1 | 2354 | 2267 | 2317 | 2312 | 1.88 | cps |
| Sulfur | 34-1 | 118384 | 119382 | 119512 | 119093 | 0.52 | cps |
| Terbium | 159-1 | 9744474 | 10843267 | 10949920 | 10512554 | 6.35 | cps |
| Terbium | 159-2 | 6597130 | 6594783 | 6591196 | 6594370 | 0.05 | cps |
| Thallium | 203-1 | 153 | 127 | 147 | 142 | 9.76 | cps |
| Thallium | 205-1 | 377 | 357 | 293 | 342 | 12.71 | cps |
| Tin | 118-1 | 1630 | 1503 | 1560 | 1565 | 4.06 | cps |
| Titanium | 47-1 | 230 | 227 | 527 | 328 | 52.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:31:57 | DataFile Name : | 095CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 107 | 87 | 63 | 86 | 25.35 | cps |
| Vanadium | 51-2 | 113 | 127 | 153 | 131 | 15.53 | cps |
| Yttrium | 89-1 | 11835399 | 13296221 | 13191138 | 12774252 | 6.38 | cps |
| Yttrium | 89-2 | 3323260 | 3252608 | 3231219 | 3269029 | 1.47 | cps |
| Zinc | 66-2 | 547 | 597 | 580 | 574 | 4.43 | cps |
| Zirconium | 90-1 | 450 | 517 | 523 | 497 | 8.17 | cps |
| Zirconium | 91-1 | 100 | 97 | 130 | 109 | 16.86 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9543 | 9556 | 9543 | 9547 | 0.08 | cps |
| Antimony | 121-1 | 37064 | 37616 | 37619 | 37433 | 0.85 | cps |
| Arsenic | 75-2 | 1063 | 950 | 1093 | 1036 | 7.30 | cps |
| Barium | 135-1 | 47305 | 48629 | 47723 | 47886 | 1.41 | cps |
| Barium | 137-1 | 83527 | 82842 | 83198 | 83189 | 0.41 | cps |
| Beryllium | 9-1 | 2967 | 3217 | 2906 | 3030 | 5.44 | cps |
| Bismuth | 209-1 | 6845504 | 6770518 | 6730455 | 6782159 | 0.86 | cps |
| Bismuth | 209-2 | 4766843 | 4888198 | 4820371 | 4825137 | 1.26 | cps |
| Bromine | 81-1 | 10651 | 11395 | 11234 | 11093 | 3.53 | cps |
| Bromine | 81-2 | 53 | 67 | 93 | 71 | 28.64 | cps |
| Cadmium | 108-1 | 417 | 357 | 360 | 378 | 8.93 | cps |
| Cadmium | 106-1 | 3134 | 3227 | 2887 | 3083 | 5.70 | cps |
| Cadmium | 111-1 | 6749 | 6970 | 6863 | 6861 | 1.61 | cps |
| Calcium | 43-1 | 25478 | 26039 | 26263 | 25927 | 1.56 | cps |
| Calcium | 44-1 | 427288 | 431024 | 428599 | 428970 | 0.44 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17240 | 16813 | 16686 | 16913 | 1.72 | cps |
| Cobalt | 59-2 | 12492 | 12455 | 12762 | 12570 | 1.33 | cps |
| Copper | 63-2 | 19026 | 18902 | 19122 | 19017 | 0.58 | cps |
| Dysprosium | 156-1 | 43 | 27 | 30 | 33 | 26.45 | cps |
| Dysprosium | 156-2 | 17 | 0 | 20 | 12 | 87.67 | cps |
| Erbium | 164-1 | 43 | 93 | 80 | 72 | 35.85 | cps |
| Erbium | 164-2 | 63 | 50 | 57 | 57 | 11.76 | cps |
| Gadolinium | 160-1 | 57 | 40 | 30 | 42 | 31.91 | cps |
| Gadolinium | 160-2 | 287 | 280 | 307 | 291 | 4.77 | cps |
| Holmium | 165-1 | 10849668 | 10645980 | 10673393 | 10723014 | 1.03 | cps |
| Holmium | 165-2 | 6490056 | 6662690 | 6609523 | 6587423 | 1.34 | cps |
| Indium | 115-1 | 8347915 | 8211355 | 8225980 | 8261750 | 0.91 | cps |
| Indium | 115-2 | 2596170 | 2670280 | 2643703 | 2636717 | 1.42 | cps |
| Iron | 56-2 | 1466468 | 1453343 | 1458789 | 1459533 | 0.45 | cps |
| Iron | 57-2 | 37884 | 37610 | 38242 | 37912 | 0.84 | cps |
| Iron | 54-2 | 82615 | 81750 | 82719 | 82361 | 0.65 | cps |
| Krypton | 83-1 | 203 | 217 | 163 | 194 | 14.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14254 | 14408 | 14344 | 14335 | 0.54 | cps |
| Lead | 207-1 | 12870 | 12709 | 12910 | 12829 | 0.83 | cps |
| Lead | 208-1 | 58293 | 58644 | 57761 | 58233 | 0.76 | cps |
| Lithium | 6-1 | 1370862 | 1325852 | 1344553 | 1347089 | 1.68 | cps |
| Magnesium | 24-2 | 394896 | 389037 | 391920 | 391951 | 0.75 | cps |
| Manganese | 55-2 | 6868 | 7068 | 7165 | 7034 | 2.15 | cps |
| Molybdenum | 94-1 | 39490 | 39460 | 39998 | 39649 | 0.76 | cps |
| Molybdenum | 95-1 | 48908 | 48804 | 48386 | 48700 | 0.57 | cps |
| Molybdenum | 96-1 | 53447 | 54046 | 54330 | 53941 | 0.84 | cps |
| Molybdenum | 97-1 | 29860 | 30251 | 30686 | 30266 | 1.36 | cps |
| Molybdenum | 98-1 | 76841 | 77672 | 77216 | 77243 | 0.54 | cps |
| Neodymium | 150-1 | 23 | 20 | 20 | 21 | 9.11 | cps |
| Neodymium | 150-2 | 10 | 7 | 3 | 7 | 50.03 | cps |
| Nickel | 60-2 | 3240 | 3404 | 3617 | 3420 | 5.52 | cps |
| Phosphorus | 31-2 | 150 | 127 | 113 | 130 | 14.28 | cps |
| Potassium | 39-2 | 506130 | 498703 | 503019 | 502617 | 0.74 | cps |
| Rhodium | 103-1 | 7689763 | 7694237 | 7670709 | 7684903 | 0.16 | cps |
| Rhodium | 103-2 | 4476150 | 4604931 | 4584210 | 4555097 | 1.52 | cps |
| Scandium | 45-1 | 4480416 | 4400998 | 4438626 | 4440014 | 0.89 | cps |
| Scandium | 45-2 | 390758 | 407551 | 398250 | 398853 | 2.11 | cps |
| Selenium | 82-1 | 1871 | 2013 | 1918 | 1934 | 3.74 | cps |
| Selenium | 77-2 | 137 | 130 | 140 | 136 | 3.76 | cps |
| Selenium | 78-2 | 747 | 720 | 757 | 741 | 2.56 | cps |
| Silicon | 28-1 | 291939 | 293780 | 295285 | 293668 | 0.57 | cps |
| Silver | 107-1 | 22998 | 22534 | 23532 | 23022 | 2.17 | cps |
| Silver | 109-1 | 21052 | 21960 | 22060 | 21691 | 2.56 | cps |
| Sodium | 23-2 | 643861 | 633868 | 643396 | 640375 | 0.88 | cps |
| Strontium | 86-1 | 6565 | 6772 | 6868 | 6735 | 2.30 | cps |
| Strontium | 88-1 | 55725 | 57415 | 56555 | 56565 | 1.49 | cps |
| Sulfur | 34-1 | 132024 | 131796 | 135306 | 133042 | 1.48 | cps |
| Terbium | 159-1 | 11057963 | 10752405 | 10660566 | 10823645 | 1.92 | cps |
| Terbium | 159-2 | 6498325 | 6661535 | 6602350 | 6587403 | 1.25 | cps |
| Thallium | 203-1 | 17281 | 17188 | 16760 | 17076 | 1.63 | cps |
| Thallium | 205-1 | 40216 | 41092 | 40066 | 40458 | 1.37 | cps |
| Tin | 118-1 | 1733 | 1683 | 1780 | 1732 | 2.79 | cps |
| Titanium | 47-1 | 12105 | 12705 | 12695 | 12502 | 2.75 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:35:14 | DataFile Name : | 096LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50756 | 53025 | 52757 | 52180 | 2.38 | cps |
| Vanadium | 51-2 | 35448 | 34860 | 35194 | 35168 | 0.84 | cps |
| Yttrium | 89-1 | 13345681 | 13206821 | 13195703 | 13249402 | 0.63 | cps |
| Yttrium | 89-2 | 3214901 | 3307154 | 3256324 | 3259460 | 1.42 | cps |
| Zinc | 66-2 | 7665 | 7425 | 7976 | 7689 | 3.59 | cps |
| Zirconium | 90-1 | 33993 | 34136 | 34474 | 34201 | 0.72 | cps |
| Zirconium | 91-1 | 7475 | 7579 | 7575 | 7543 | 0.78 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5118 | 4998 | 4904 | 5006 | 2.14 | cps |
| Antimony | 121-1 | 18078 | 18796 | 18285 | 18386 | 2.01 | cps |
| Arsenic | 75-2 | 557 | 473 | 483 | 504 | 9.02 | cps |
| Barium | 135-1 | 23159 | 24307 | 23089 | 23518 | 2.91 | cps |
| Barium | 137-1 | 39876 | 40314 | 40638 | 40276 | 0.95 | cps |
| Beryllium | 9-1 | 1472 | 1495 | 1333 | 1433 | 6.09 | cps |
| Bismuth | 209-1 | 6634075 | 6696656 | 6759113 | 6696615 | 0.93 | cps |
| Bismuth | 209-2 | 4758893 | 4742139 | 4748487 | 4749839 | 0.18 | cps |
| Bromine | 81-1 | 11121 | 11134 | 11364 | 11207 | 1.22 | cps |
| Bromine | 81-2 | 57 | 63 | 83 | 68 | 20.47 | cps |
| Cadmium | 108-1 | 200 | 150 | 147 | 166 | 18.05 | cps |
| Cadmium | 106-1 | 2960 | 2817 | 2787 | 2855 | 3.25 | cps |
| Cadmium | 111-1 | 4122 | 4040 | 4155 | 4106 | 1.44 | cps |
| Calcium | 43-1 | 12428 | 13072 | 13189 | 12897 | 3.18 | cps |
| Calcium | 44-1 | 214616 | 215022 | 216563 | 215400 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8412 | 8706 | 8456 | 8525 | 1.86 | cps |
| Cobalt | 59-2 | 6248 | 5908 | 6135 | 6097 | 2.84 | cps |
| Copper | 63-2 | 9607 | 9710 | 9887 | 9734 | 1.46 | cps |
| Dysprosium | 156-1 | 17 | 13 | 17 | 16 | 12.40 | cps |
| Dysprosium | 156-2 | 10 | 7 | 0 | 6 | 91.64 | cps |
| Erbium | 164-1 | 73 | 60 | 90 | 74 | 20.19 | cps |
| Erbium | 164-2 | 53 | 53 | 33 | 47 | 24.75 | cps |
| Gadolinium | 160-1 | 57 | 40 | 47 | 48 | 17.56 | cps |
| Gadolinium | 160-2 | 263 | 283 | 293 | 280 | 5.46 | cps |
| Holmium | 165-1 | 10498242 | 10563437 | 10583225 | 10548301 | 0.42 | cps |
| Holmium | 165-2 | 6518440 | 6442017 | 6555632 | 6505363 | 0.89 | cps |
| Indium | 115-1 | 8278918 | 8332520 | 8300766 | 8304068 | 0.32 | cps |
| Indium | 115-2 | 2574065 | 2619958 | 2597594 | 2597206 | 0.88 | cps |
| Iron | 56-2 | 743749 | 748231 | 739384 | 743788 | 0.59 | cps |
| Iron | 57-2 | 19229 | 19356 | 19933 | 19506 | 1.92 | cps |
| Iron | 54-2 | 42279 | 42309 | 41901 | 42163 | 0.54 | cps |
| Krypton | 83-1 | 210 | 187 | 150 | 182 | 16.60 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7262 | 7792 | 6992 | 7349 | 5.54 | cps |
| Lead | 207-1 | 6452 | 6355 | 6532 | 6446 | 1.37 | cps |
| Lead | 208-1 | 29022 | 29539 | 29273 | 29278 | 0.88 | cps |
| Lithium | 6-1 | 1362226 | 1359335 | 1363113 | 1361558 | 0.15 | cps |
| Magnesium | 24-2 | 192383 | 191533 | 192687 | 192201 | 0.31 | cps |
| Manganese | 55-2 | 3774 | 3867 | 3934 | 3858 | 2.08 | cps |
| Molybdenum | 94-1 | 19383 | 19610 | 19516 | 19503 | 0.58 | cps |
| Molybdenum | 95-1 | 23449 | 23829 | 23900 | 23726 | 1.02 | cps |
| Molybdenum | 96-1 | 26387 | 26541 | 26714 | 26547 | 0.62 | cps |
| Molybdenum | 97-1 | 14941 | 14784 | 14457 | 14728 | 1.68 | cps |
| Molybdenum | 98-1 | 37932 | 38116 | 38066 | 38038 | 0.25 | cps |
| Neodymium | 150-1 | 17 | 20 | 17 | 18 | 10.81 | cps |
| Neodymium | 150-2 | 3 | 7 | 3 | 4 | 43.40 | cps |
| Nickel | 60-2 | 1790 | 1717 | 1753 | 1753 | 2.09 | cps |
| Phosphorus | 31-2 | 117 | 143 | 123 | 128 | 10.86 | cps |
| Potassium | 39-2 | 271172 | 270459 | 271264 | 270965 | 0.16 | cps |
| Rhodium | 103-1 | 7698886 | 7730976 | 7697816 | 7709226 | 0.24 | cps |
| Rhodium | 103-2 | 4498029 | 4539014 | 4465852 | 4500965 | 0.81 | cps |
| Scandium | 45-1 | 4465631 | 4486063 | 4432670 | 4461455 | 0.60 | cps |
| Scandium | 45-2 | 401767 | 396446 | 402290 | 400167 | 0.81 | cps |
| Selenium | 82-1 | 1151 | 1143 | 1174 | 1156 | 1.37 | cps |
| Selenium | 77-2 | 100 | 47 | 53 | 67 | 43.59 | cps |
| Selenium | 78-2 | 530 | 450 | 417 | 466 | 12.51 | cps |
| Silicon | 28-1 | 244182 | 245507 | 248013 | 245901 | 0.79 | cps |
| Silver | 107-1 | 11028 | 11241 | 11318 | 11196 | 1.34 | cps |
| Silver | 109-1 | 10804 | 10767 | 10794 | 10789 | 0.18 | cps |
| Sodium | 23-2 | 321561 | 319110 | 320549 | 320407 | 0.38 | cps |
| Strontium | 86-1 | 3484 | 3520 | 3424 | 3476 | 1.40 | cps |
| Strontium | 88-1 | 28471 | 28728 | 28418 | 28539 | 0.58 | cps |
| Sulfur | 34-1 | 139325 | 140566 | 141576 | 140489 | 0.80 | cps |
| Terbium | 159-1 | 10908949 | 10834911 | 10881854 | 10875238 | 0.34 | cps |
| Terbium | 159-2 | 6498250 | 6525759 | 6521740 | 6515250 | 0.23 | cps |
| Thallium | 203-1 | 8106 | 8363 | 8449 | 8306 | 2.15 | cps |
| Thallium | 205-1 | 19644 | 20055 | 20279 | 19993 | 1.61 | cps |
| Tin | 118-1 | 1607 | 1750 | 1703 | 1687 | 4.33 | cps |
| Titanium | 47-1 | 6218 | 6141 | 6031 | 6130 | 1.53 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164456BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD456 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:38:27 | DataFile Name : | 097LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25164 | 25541 | 25491 | 25399 | 0.81 | cps |
| Vanadium | 51-2 | 17460 | 16659 | 17467 | 17195 | 2.70 | cps |
| Yttrium | 89-1 | 13384480 | 13394196 | 13321831 | 13366836 | 0.29 | cps |
| Yttrium | 89-2 | 3207353 | 3229834 | 3278055 | 3238414 | 1.12 | cps |
| Zinc | 66-2 | 4037 | 4034 | 4147 | 4073 | 1.58 | cps |
| Zirconium | 90-1 | 16116 | 16773 | 17257 | 16715 | 3.43 | cps |
| Zirconium | 91-1 | 3670 | 3917 | 3877 | 3822 | 3.47 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8922759 | 8919844 | 8956654 | 8933086 | 0.23 | cps |
| Antimony | 121-1 | 8783 | 8583 | 8499 | 8622 | 1.69 | cps |
| Arsenic | 75-2 | 36652 | 37086 | 36418 | 36719 | 0.92 | cps |
| Barium | 135-1 | 1073623 | 1078434 | 1077423 | 1076493 | 0.24 | cps |
| Barium | 137-1 | 2036250 | 2026007 | 2057298 | 2039851 | 0.78 | cps |
| Beryllium | 9-1 | 2261 | 2011 | 2056 | 2109 | 6.32 | cps |
| Bismuth | 209-1 | 6412656 | 6513573 | 6563626 | 6496618 | 1.18 | cps |
| Bismuth | 209-2 | 4615248 | 4607839 | 4634707 | 4619265 | 0.30 | cps |
| Bromine | 81-1 | 17918 | 18672 | 18338 | 18309 | 2.06 | cps |
| Bromine | 81-2 | 1427 | 1633 | 1533 | 1531 | 6.75 | cps |
| Cadmium | 108-1 | 340 | 307 | 357 | 334 | 7.61 | cps |
| Cadmium | 106-1 | 3190 | 3287 | 3127 | 3201 | 2.52 | cps |
| Cadmium | 111-1 | 4886 | 4970 | 4976 | 4944 | 1.02 | cps |
| Calcium | 43-1 | 475327 | 474712 | 476132 | 475390 | 0.15 | cps |
| Calcium | 44-1 | 7240437 | 7201304 | 7183460 | 7208400 | 0.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 364769 | 362043 | 359214 | 362009 | 0.77 | cps |
| Cobalt | 59-2 | 282432 | 278978 | 276917 | 279442 | 1.00 | cps |
| Copper | 63-2 | 993942 | 989233 | 981529 | 988235 | 0.63 | cps |
| Dysprosium | 156-1 | 80328 | 81173 | 80137 | 80546 | 0.68 | cps |
| Dysprosium | 156-2 | 61192 | 59669 | 59509 | 60123 | 1.55 | cps |
| Erbium | 164-1 | 67304 | 67582 | 68071 | 67653 | 0.57 | cps |
| Erbium | 164-2 | 41759 | 41391 | 41063 | 41405 | 0.84 | cps |
| Gadolinium | 160-1 | 77060 | 76819 | 77593 | 77157 | 0.51 | cps |
| Gadolinium | 160-2 | 52200 | 50400 | 50681 | 51094 | 1.90 | cps |
| Holmium | 165-1 | 10756736 | 10665215 | 10678349 | 10700100 | 0.46 | cps |
| Holmium | 165-2 | 6434982 | 6534758 | 6425775 | 6465172 | 0.93 | cps |
| Indium | 115-1 | 8085209 | 8073133 | 8069734 | 8076026 | 0.10 | cps |
| Indium | 115-2 | 2479721 | 2495218 | 2449094 | 2474677 | 0.95 | cps |
| Iron | 56-2 | 290065289 | 291760602 | 288748849 | 290191580 | 0.52 | cps |
| Iron | 57-2 | 7196476 | 7190021 | 7106052 | 7164183 | 0.70 | cps |
| Iron | 54-2 | 15925835 | 15751327 | 15736418 | 15804527 | 0.67 | cps |
| Krypton | 83-1 | 243 | 277 | 257 | 259 | 6.48 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 374178 | 376086 | 378496 | 376254 | 0.58 | cps |
| Lead | 207-1 | 321291 | 324230 | 327270 | 324263 | 0.92 | cps |
| Lead | 208-1 | 1460859 | 1478222 | 1486379 | 1475153 | 0.88 | cps |
| Lithium | 6-1 | 1339819 | 1337551 | 1313102 | 1330157 | 1.11 | cps |
| Magnesium | 24-2 | 7646582 | 7656862 | 7631214 | 7644886 | 0.17 | cps |
| Manganese | 55-2 | 6436358 | 6325620 | 6324320 | 6362099 | 1.01 | cps |
| Molybdenum | 94-1 | 51845 | 52791 | 52303 | 52313 | 0.91 | cps |
| Molybdenum | 95-1 | 10220 | 10300 | 10010 | 10177 | 1.47 | cps |
| Molybdenum | 96-1 | 22855 | 23012 | 22888 | 22918 | 0.36 | cps |
| Molybdenum | 97-1 | 6248 | 6428 | 6248 | 6308 | 1.65 | cps |
| Molybdenum | 98-1 | 15792 | 16206 | 15932 | 15977 | 1.32 | cps |
| Neodymium | 150-1 | 141132 | 139109 | 141260 | 140500 | 0.86 | cps |
| Neodymium | 150-2 | 73098 | 73004 | 73112 | 73071 | 0.08 | cps |
| Nickel | 60-2 | 115457 | 114342 | 112965 | 114255 | 1.09 | cps |
| Phosphorus | 31-2 | 37867 | 37456 | 37432 | 37585 | 0.65 | cps |
| Potassium | 39-2 | 6333008 | 6338987 | 6281841 | 6317946 | 0.50 | cps |
| Rhodium | 103-1 | 7370724 | 7333213 | 7297597 | 7333845 | 0.50 | cps |
| Rhodium | 103-2 | 4316351 | 4254382 | 4259750 | 4276828 | 0.80 | cps |
| Scandium | 45-1 | 4679120 | 4654344 | 4651050 | 4661505 | 0.33 | cps |
| Scandium | 45-2 | 415901 | 411677 | 406059 | 411212 | 1.20 | cps |
| Selenium | 82-1 | 607 | 627 | 667 | 634 | 4.78 | cps |
| Selenium | 77-2 | 290 | 287 | 280 | 286 | 1.78 | cps |
| Selenium | 78-2 | 443 | 533 | 523 | 500 | 9.87 | cps |
| Silicon | 28-1 | 30914975 | 30779935 | 30493095 | 30729335 | 0.70 | cps |
| Silver | 107-1 | 6555 | 5978 | 5941 | 6158 | 5.59 | cps |
| Silver | 109-1 | 6221 | 5855 | 5641 | 5906 | 4.97 | cps |
| Sodium | 23-2 | 254483 | 257873 | 257617 | 256658 | 0.74 | cps |
| Strontium | 86-1 | 408395 | 412870 | 410231 | 410498 | 0.55 | cps |
| Strontium | 88-1 | 3735943 | 3705782 | 3691624 | 3711116 | 0.61 | cps |
| Sulfur | 34-1 | 136271 | 133971 | 134274 | 134838 | 0.93 | cps |
| Terbium | 159-1 | 10877441 | 10772102 | 10823513 | 10824352 | 0.49 | cps |
| Terbium | 159-2 | 6515506 | 6513366 | 6467024 | 6498632 | 0.42 | cps |
| Thallium | 203-1 | 3627 | 3634 | 3747 | 3669 | 1.84 | cps |
| Thallium | 205-1 | 8553 | 8713 | 8696 | 8654 | 1.02 | cps |
| Tin | 118-1 | 22568 | 22591 | 22251 | 22470 | 0.85 | cps |
| Titanium | 47-1 | 1298445 | 1278249 | 1283653 | 1286783 | 0.81 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:41:45 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32767 | 33599 | 33168 | 33178 | 1.25 | cps |
| Vanadium | 51-2 | 570858 | 570753 | 567401 | 569671 | 0.35 | cps |
| Yttrium | 89-1 | 14227929 | 14075586 | 14122471 | 14141996 | 0.55 | cps |
| Yttrium | 89-2 | 3452568 | 3401983 | 3402488 | 3419013 | 0.85 | cps |
| Zinc | 66-2 | 187046 | 183634 | 185690 | 185457 | 0.93 | cps |
| Zirconium | 90-1 | 128547 | 129128 | 128634 | 128769 | 0.24 | cps |
| Zirconium | 91-1 | 28157 | 28124 | 28501 | 28261 | 0.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6795191 | 6849255 | 6780402 | 6808283 | 0.53 | cps |
| Antimony | 121-1 | 10541 | 10614 | 10818 | 10657 | 1.35 | cps |
| Arsenic | 75-2 | 24784 | 24564 | 23949 | 24432 | 1.77 | cps |
| Barium | 135-1 | 845647 | 856137 | 854157 | 851980 | 0.65 | cps |
| Barium | 137-1 | 1605357 | 1650226 | 1629279 | 1628287 | 1.38 | cps |
| Beryllium | 9-1 | 1850 | 1806 | 1722 | 1793 | 3.62 | cps |
| Bismuth | 209-1 | 6655282 | 5857787 | 6780300 | 6431123 | 7.78 | cps |
| Bismuth | 209-2 | 4740807 | 4580617 | 4681139 | 4667521 | 1.73 | cps |
| Bromine | 81-1 | 12872 | 12802 | 12922 | 12866 | 0.47 | cps |
| Bromine | 81-2 | 680 | 580 | 567 | 609 | 10.17 | cps |
| Cadmium | 108-1 | 213 | 223 | 227 | 221 | 3.14 | cps |
| Cadmium | 106-1 | 3210 | 2607 | 3147 | 2988 | 11.10 | cps |
| Cadmium | 111-1 | 3111 | 2685 | 3081 | 2959 | 8.03 | cps |
| Calcium | 43-1 | 582249 | 591609 | 593846 | 589235 | 1.04 | cps |
| Calcium | 44-1 | 8888372 | 9071041 | 9003919 | 8987777 | 1.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 349055 | 350716 | 344975 | 348249 | 0.85 | cps |
| Cobalt | 59-2 | 254052 | 251779 | 248017 | 251282 | 1.21 | cps |
| Copper | 63-2 | 439884 | 436846 | 435427 | 437386 | 0.52 | cps |
| Dysprosium | 156-1 | 69454 | 72285 | 70436 | 70725 | 2.03 | cps |
| Dysprosium | 156-2 | 53043 | 53538 | 53033 | 53205 | 0.54 | cps |
| Erbium | 164-1 | 57852 | 60126 | 60286 | 59421 | 2.29 | cps |
| Erbium | 164-2 | 37126 | 37026 | 37133 | 37095 | 0.16 | cps |
| Gadolinium | 160-1 | 66574 | 67582 | 67964 | 67373 | 1.07 | cps |
| Gadolinium | 160-2 | 44888 | 44256 | 44009 | 44385 | 1.02 | cps |
| Holmium | 165-1 | 10634256 | 9298874 | 10793127 | 10242086 | 8.01 | cps |
| Holmium | 165-2 | 6706821 | 6585161 | 6547988 | 6613323 | 1.26 | cps |
| Indium | 115-1 | 8116912 | 7137234 | 8191128 | 7815091 | 7.53 | cps |
| Indium | 115-2 | 2547706 | 2558939 | 2551900 | 2552848 | 0.22 | cps |
| Iron | 56-2 | 293863949 | 293284889 | 292354682 | 293167840 | 0.26 | cps |
| Iron | 57-2 | 7294706 | 7090442 | 7205600 | 7196916 | 1.42 | cps |
| Iron | 54-2 | 15993990 | 16026682 | 15793878 | 15938183 | 0.79 | cps |
| Krypton | 83-1 | 280 | 287 | 197 | 254 | 19.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 223344 | 230022 | 230146 | 227838 | 1.71 | cps |
| Lead | 207-1 | 188215 | 192848 | 190061 | 190375 | 1.23 | cps |
| Lead | 208-1 | 867326 | 891039 | 882974 | 880446 | 1.37 | cps |
| Lithium | 6-1 | 1316738 | 1181743 | 1302000 | 1266827 | 5.85 | cps |
| Magnesium | 24-2 | 6140340 | 6199627 | 6137126 | 6159031 | 0.57 | cps |
| Manganese | 55-2 | 4931622 | 4909614 | 4901287 | 4914174 | 0.32 | cps |
| Molybdenum | 94-1 | 70036 | 72649 | 73466 | 72051 | 2.49 | cps |
| Molybdenum | 95-1 | 5808 | 6361 | 6025 | 6065 | 4.60 | cps |
| Molybdenum | 96-1 | 21870 | 22431 | 22187 | 22162 | 1.27 | cps |
| Molybdenum | 97-1 | 3600 | 3807 | 3794 | 3734 | 3.10 | cps |
| Molybdenum | 98-1 | 9176 | 9210 | 9276 | 9221 | 0.55 | cps |
| Neodymium | 150-1 | 124531 | 127100 | 125109 | 125580 | 1.07 | cps |
| Neodymium | 150-2 | 65618 | 65558 | 65247 | 65474 | 0.30 | cps |
| Nickel | 60-2 | 108888 | 108623 | 107529 | 108347 | 0.67 | cps |
| Phosphorus | 31-2 | 30023 | 30601 | 29826 | 30150 | 1.34 | cps |
| Potassium | 39-2 | 3332355 | 3291797 | 3278529 | 3300894 | 0.85 | cps |
| Rhodium | 103-1 | 7495592 | 6473193 | 7533683 | 7167489 | 8.39 | cps |
| Rhodium | 103-2 | 4381250 | 4403216 | 4389513 | 4391326 | 0.25 | cps |
| Scandium | 45-1 | 4637793 | 3977930 | 4681517 | 4432413 | 8.89 | cps |
| Scandium | 45-2 | 420528 | 414313 | 415167 | 416670 | 0.81 | cps |
| Selenium | 82-1 | 561 | 449 | 613 | 541 | 15.49 | cps |
| Selenium | 77-2 | 237 | 247 | 273 | 252 | 7.52 | cps |
| Selenium | 78-2 | 450 | 487 | 447 | 461 | 4.81 | cps |
| Silicon | 28-1 | 25764344 | 26181500 | 26195273 | 26047039 | 0.94 | cps |
| Silver | 107-1 | 1590 | 1873 | 1803 | 1756 | 8.41 | cps |
| Silver | 109-1 | 1407 | 1543 | 1753 | 1568 | 11.14 | cps |
| Sodium | 23-2 | 204178 | 202736 | 202388 | 203101 | 0.47 | cps |
| Strontium | 86-1 | 251229 | 256138 | 258251 | 255206 | 1.41 | cps |
| Strontium | 88-1 | 2264122 | 2327984 | 2337261 | 2309789 | 1.72 | cps |
| Sulfur | 34-1 | 129258 | 129950 | 131144 | 130117 | 0.73 | cps |
| Terbium | 159-1 | 11057756 | 9641407 | 11173948 | 10624371 | 8.03 | cps |
| Terbium | 159-2 | 6659244 | 6530997 | 6551445 | 6580562 | 1.05 | cps |
| Thallium | 203-1 | 2560 | 2660 | 2700 | 2640 | 2.73 | cps |
| Thallium | 205-1 | 6522 | 6428 | 6518 | 6489 | 0.82 | cps |
| Tin | 118-1 | 19280 | 20768 | 20972 | 20340 | 4.54 | cps |
| Titanium | 47-1 | 1808715 | 1822628 | 1863064 | 1831469 | 1.54 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:44:49 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30899 | 32022 | 31233 | 31385 | 1.84 | cps |
| Vanadium | 51-2 | 728309 | 725343 | 723505 | 725719 | 0.33 | cps |
| Yttrium | 89-1 | 14028849 | 12276971 | 14164465 | 13490095 | 7.80 | cps |
| Yttrium | 89-2 | 3444335 | 3457573 | 3398005 | 3433304 | 0.91 | cps |
| Zinc | 66-2 | 113061 | 110763 | 110539 | 111454 | 1.25 | cps |
| Zirconium | 90-1 | 182171 | 188695 | 187477 | 186115 | 1.86 | cps |
| Zirconium | 91-1 | 40623 | 41605 | 41719 | 41316 | 1.46 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7137766 | 7022162 | 7102727 | 7087551 | 0.84 | cps |
| Antimony | 121-1 | 4707 | 4888 | 4781 | 4792 | 1.89 | cps |
| Arsenic | 75-2 | 20297 | 20070 | 20898 | 20422 | 2.09 | cps |
| Barium | 135-1 | 849279 | 856459 | 871177 | 858972 | 1.30 | cps |
| Barium | 137-1 | 1606121 | 1623495 | 1599984 | 1609867 | 0.76 | cps |
| Beryllium | 9-1 | 1556 | 1472 | 1422 | 1483 | 4.54 | cps |
| Bismuth | 209-1 | 6925859 | 6876930 | 6827314 | 6876701 | 0.72 | cps |
| Bismuth | 209-2 | 4647965 | 4395723 | 4638516 | 4560735 | 3.14 | cps |
| Bromine | 81-1 | 15865 | 16776 | 16816 | 16486 | 3.26 | cps |
| Bromine | 81-2 | 1130 | 1243 | 1257 | 1210 | 5.75 | cps |
| Cadmium | 108-1 | 167 | 180 | 183 | 177 | 4.99 | cps |
| Cadmium | 106-1 | 2917 | 2954 | 3047 | 2973 | 2.26 | cps |
| Cadmium | 111-1 | 3425 | 3508 | 3498 | 3477 | 1.30 | cps |
| Calcium | 43-1 | 701864 | 717018 | 715947 | 711610 | 1.19 | cps |
| Calcium | 44-1 | 10671712 | 10861620 | 10861607 | 10798313 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 283123 | 281211 | 279153 | 281163 | 0.71 | cps |
| Cobalt | 59-2 | 249899 | 245883 | 247312 | 247698 | 0.82 | cps |
| Copper | 63-2 | 551579 | 550148 | 552527 | 551418 | 0.22 | cps |
| Dysprosium | 156-1 | 66419 | 67103 | 68439 | 67320 | 1.53 | cps |
| Dysprosium | 156-2 | 50343 | 48875 | 50283 | 49834 | 1.67 | cps |
| Erbium | 164-1 | 57515 | 59107 | 59750 | 58791 | 1.96 | cps |
| Erbium | 164-2 | 35375 | 35749 | 36026 | 35717 | 0.92 | cps |
| Gadolinium | 160-1 | 64893 | 65251 | 65502 | 65215 | 0.47 | cps |
| Gadolinium | 160-2 | 43541 | 43186 | 42885 | 43204 | 0.76 | cps |
| Holmium | 165-1 | 10911127 | 10977409 | 10738245 | 10875594 | 1.14 | cps |
| Holmium | 165-2 | 6601727 | 6273976 | 6601688 | 6492464 | 2.91 | cps |
| Indium | 115-1 | 8353042 | 8479088 | 8331063 | 8387731 | 0.95 | cps |
| Indium | 115-2 | 2586663 | 2423418 | 2551168 | 2520416 | 3.41 | cps |
| Iron | 56-2 | 244333723 | 244698190 | 243270283 | 244100732 | 0.30 | cps |
| Iron | 57-2 | 6021370 | 6008505 | 6041841 | 6023906 | 0.28 | cps |
| Iron | 54-2 | 13451578 | 13182627 | 13385934 | 13340046 | 1.05 | cps |
| Krypton | 83-1 | 253 | 277 | 267 | 266 | 4.41 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 261983 | 262429 | 265438 | 263283 | 0.71 | cps |
| Lead | 207-1 | 218706 | 225829 | 218903 | 221146 | 1.83 | cps |
| Lead | 208-1 | 1019058 | 1027230 | 1023751 | 1023346 | 0.40 | cps |
| Lithium | 6-1 | 1276102 | 1300763 | 1331718 | 1302861 | 2.14 | cps |
| Magnesium | 24-2 | 6487007 | 6372297 | 6477104 | 6445469 | 0.99 | cps |
| Manganese | 55-2 | 6381492 | 6292732 | 6390422 | 6354882 | 0.85 | cps |
| Molybdenum | 94-1 | 35576 | 36559 | 36896 | 36344 | 1.89 | cps |
| Molybdenum | 95-1 | 6278 | 6255 | 5921 | 6151 | 3.24 | cps |
| Molybdenum | 96-1 | 15578 | 15395 | 15211 | 15395 | 1.19 | cps |
| Molybdenum | 97-1 | 3827 | 3764 | 3774 | 3788 | 0.90 | cps |
| Molybdenum | 98-1 | 9196 | 9240 | 9376 | 9271 | 1.01 | cps |
| Neodymium | 150-1 | 116459 | 115542 | 117531 | 116511 | 0.85 | cps |
| Neodymium | 150-2 | 60104 | 58989 | 59843 | 59645 | 0.98 | cps |
| Nickel | 60-2 | 90628 | 90528 | 90622 | 90593 | 0.06 | cps |
| Phosphorus | 31-2 | 29215 | 28764 | 28674 | 28884 | 1.00 | cps |
| Potassium | 39-2 | 4991271 | 4951415 | 4978719 | 4973802 | 0.41 | cps |
| Rhodium | 103-1 | 7626741 | 7695956 | 7596002 | 7639566 | 0.67 | cps |
| Rhodium | 103-2 | 4438990 | 4232977 | 4471957 | 4381308 | 2.96 | cps |
| Scandium | 45-1 | 4645599 | 4690500 | 4678490 | 4671529 | 0.50 | cps |
| Scandium | 45-2 | 425879 | 399350 | 416531 | 413920 | 3.25 | cps |
| Selenium | 82-1 | 594 | 580 | 538 | 571 | 5.05 | cps |
| Selenium | 77-2 | 227 | 207 | 217 | 217 | 4.62 | cps |
| Selenium | 78-2 | 483 | 510 | 467 | 487 | 4.49 | cps |
| Silicon | 28-1 | 35617078 | 36095573 | 36393000 | 36035217 | 1.09 | cps |
| Silver | 107-1 | 2644 | 3060 | 3067 | 2924 | 8.30 | cps |
| Silver | 109-1 | 2577 | 2787 | 2920 | 2761 | 6.27 | cps |
| Sodium | 23-2 | 303361 | 301346 | 303391 | 302699 | 0.39 | cps |
| Strontium | 86-1 | 338602 | 345588 | 345692 | 343294 | 1.18 | cps |
| Strontium | 88-1 | 3068550 | 3103039 | 3134576 | 3102055 | 1.06 | cps |
| Sulfur | 34-1 | 139241 | 140334 | 140028 | 139867 | 0.40 | cps |
| Terbium | 159-1 | 11160429 | 11460880 | 11096494 | 11239267 | 1.73 | cps |
| Terbium | 159-2 | 6638646 | 6216332 | 6644823 | 6499934 | 3.78 | cps |
| Thallium | 203-1 | 2760 | 2840 | 2777 | 2793 | 1.51 | cps |
| Thallium | 205-1 | 6428 | 6398 | 6745 | 6524 | 2.95 | cps |
| Tin | 118-1 | 18312 | 18592 | 18319 | 18407 | 0.87 | cps |
| Titanium | 47-1 | 1294541 | 1320412 | 1334775 | 1316576 | 1.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:47:57 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32764 | 32262 | 33261 | 32762 | 1.52 | cps |
| Vanadium | 51-2 | 493040 | 493304 | 492869 | 493071 | 0.04 | cps |
| Yttrium | 89-1 | 14476730 | 14472378 | 14670756 | 14539955 | 0.78 | cps |
| Yttrium | 89-2 | 3489410 | 3259406 | 3454524 | 3401113 | 3.64 | cps |
| Zinc | 66-2 | 123243 | 123035 | 120531 | 122270 | 1.23 | cps |
| Zirconium | 90-1 | 89041 | 89400 | 90795 | 89745 | 1.03 | cps |
| Zirconium | 91-1 | 20020 | 20201 | 20755 | 20325 | 1.88 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7103653 | 7141633 | 7149940 | 7131742 | 0.35 | cps |
| Antimony | 121-1 | 4898 | 4854 | 4811 | 4854 | 0.89 | cps |
| Arsenic | 75-2 | 20498 | 20788 | 20608 | 20631 | 0.71 | cps |
| Barium | 135-1 | 854606 | 871635 | 873961 | 866734 | 1.22 | cps |
| Barium | 137-1 | 1622929 | 1644341 | 1659966 | 1642412 | 1.13 | cps |
| Beryllium | 9-1 | 1650 | 1595 | 1583 | 1609 | 2.22 | cps |
| Bismuth | 209-1 | 6821050 | 6809894 | 6746668 | 6792537 | 0.59 | cps |
| Bismuth | 209-2 | 4574582 | 4841371 | 4652543 | 4689499 | 2.93 | cps |
| Bromine | 81-1 | 16409 | 17160 | 16720 | 16763 | 2.25 | cps |
| Bromine | 81-2 | 1113 | 1230 | 1207 | 1183 | 5.22 | cps |
| Cadmium | 108-1 | 237 | 233 | 180 | 217 | 14.68 | cps |
| Cadmium | 106-1 | 3124 | 2887 | 3110 | 3040 | 4.37 | cps |
| Cadmium | 111-1 | 3554 | 3451 | 3558 | 3521 | 1.73 | cps |
| Calcium | 43-1 | 704330 | 718440 | 724901 | 715890 | 1.47 | cps |
| Calcium | 44-1 | 10811722 | 10947667 | 11030862 | 10930084 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 286036 | 285942 | 283900 | 285292 | 0.42 | cps |
| Cobalt | 59-2 | 248370 | 249484 | 248228 | 248694 | 0.28 | cps |
| Copper | 63-2 | 558009 | 557098 | 554723 | 556610 | 0.30 | cps |
| Dysprosium | 156-1 | 67136 | 68539 | 68435 | 68037 | 1.15 | cps |
| Dysprosium | 156-2 | 49604 | 50761 | 50624 | 50330 | 1.26 | cps |
| Erbium | 164-1 | 59563 | 59764 | 59596 | 59641 | 0.18 | cps |
| Erbium | 164-2 | 35886 | 35819 | 36307 | 36004 | 0.73 | cps |
| Gadolinium | 160-1 | 66905 | 66272 | 67645 | 66941 | 1.03 | cps |
| Gadolinium | 160-2 | 42785 | 43387 | 43390 | 43187 | 0.81 | cps |
| Holmium | 165-1 | 10832797 | 10995977 | 10807501 | 10878758 | 0.94 | cps |
| Holmium | 165-2 | 6465674 | 6717935 | 6539238 | 6574282 | 1.97 | cps |
| Indium | 115-1 | 8302970 | 8333149 | 8339120 | 8325080 | 0.23 | cps |
| Indium | 115-2 | 2481621 | 2627079 | 2609939 | 2572880 | 3.09 | cps |
| Iron | 56-2 | 246886003 | 245136296 | 243190416 | 245070905 | 0.75 | cps |
| Iron | 57-2 | 6040185 | 6141850 | 6054507 | 6078847 | 0.91 | cps |
| Iron | 54-2 | 13429382 | 13438069 | 13312941 | 13393464 | 0.52 | cps |
| Krypton | 83-1 | 270 | 300 | 277 | 282 | 5.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 260228 | 265177 | 264262 | 263222 | 1.00 | cps |
| Lead | 207-1 | 220378 | 226531 | 226035 | 224315 | 1.52 | cps |
| Lead | 208-1 | 1021262 | 1037670 | 1041047 | 1033326 | 1.02 | cps |
| Lithium | 6-1 | 1276838 | 1295982 | 1256669 | 1276496 | 1.54 | cps |
| Magnesium | 24-2 | 6513722 | 6464975 | 6515179 | 6497959 | 0.44 | cps |
| Manganese | 55-2 | 6366789 | 6366464 | 6306460 | 6346571 | 0.55 | cps |
| Molybdenum | 94-1 | 36408 | 37257 | 37114 | 36926 | 1.23 | cps |
| Molybdenum | 95-1 | 6335 | 6208 | 5981 | 6175 | 2.90 | cps |
| Molybdenum | 96-1 | 15932 | 15852 | 16166 | 15983 | 1.02 | cps |
| Molybdenum | 97-1 | 3457 | 3711 | 3891 | 3686 | 5.91 | cps |
| Molybdenum | 98-1 | 9026 | 9386 | 9283 | 9232 | 2.01 | cps |
| Neodymium | 150-1 | 117511 | 117891 | 119407 | 118270 | 0.85 | cps |
| Neodymium | 150-2 | 61895 | 60436 | 60807 | 61046 | 1.24 | cps |
| Nickel | 60-2 | 90665 | 91926 | 91725 | 91439 | 0.74 | cps |
| Phosphorus | 31-2 | 29468 | 29355 | 29108 | 29310 | 0.63 | cps |
| Potassium | 39-2 | 4994578 | 4976924 | 4937783 | 4969762 | 0.58 | cps |
| Rhodium | 103-1 | 7647128 | 7677025 | 7681692 | 7668615 | 0.24 | cps |
| Rhodium | 103-2 | 4322684 | 4557138 | 4442113 | 4440645 | 2.64 | cps |
| Scandium | 45-1 | 4718191 | 4729291 | 4674145 | 4707209 | 0.62 | cps |
| Scandium | 45-2 | 408291 | 427570 | 418593 | 418151 | 2.31 | cps |
| Selenium | 82-1 | 631 | 588 | 565 | 595 | 5.64 | cps |
| Selenium | 77-2 | 187 | 187 | 220 | 198 | 9.73 | cps |
| Selenium | 78-2 | 440 | 370 | 463 | 424 | 11.44 | cps |
| Silicon | 28-1 | 36169192 | 36458837 | 36396124 | 36341384 | 0.42 | cps |
| Silver | 107-1 | 2687 | 2997 | 2957 | 2880 | 5.86 | cps |
| Silver | 109-1 | 2567 | 2770 | 3037 | 2791 | 8.45 | cps |
| Sodium | 23-2 | 301834 | 304407 | 307187 | 304476 | 0.88 | cps |
| Strontium | 86-1 | 343115 | 345092 | 348839 | 345682 | 0.84 | cps |
| Strontium | 88-1 | 3097571 | 3151804 | 3134123 | 3127833 | 0.88 | cps |
| Sulfur | 34-1 | 138205 | 138070 | 139520 | 138598 | 0.58 | cps |
| Terbium | 159-1 | 11000280 | 11401507 | 11425617 | 11275801 | 2.12 | cps |
| Terbium | 159-2 | 6453317 | 6759419 | 6617372 | 6610036 | 2.32 | cps |
| Thallium | 203-1 | 2777 | 2817 | 2874 | 2823 | 1.72 | cps |
| Thallium | 205-1 | 6465 | 6635 | 6575 | 6558 | 1.32 | cps |
| Tin | 118-1 | 17878 | 18656 | 19003 | 18512 | 3.11 | cps |
| Titanium | 47-1 | 1332889 | 1335559 | 1354806 | 1341085 | 0.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:51:02 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33556 | 33823 | 34187 | 33855 | 0.94 | cps |
| Vanadium | 51-2 | 494182 | 497220 | 493871 | 495091 | 0.37 | cps |
| Yttrium | 89-1 | 14365665 | 14600414 | 14356535 | 14440871 | 0.96 | cps |
| Yttrium | 89-2 | 3403303 | 3514923 | 3475244 | 3464490 | 1.63 | cps |
| Zinc | 66-2 | 123677 | 123247 | 123374 | 123433 | 0.18 | cps |
| Zirconium | 90-1 | 90490 | 92321 | 90295 | 91035 | 1.23 | cps |
| Zirconium | 91-1 | 20411 | 20378 | 20575 | 20454 | 0.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1351316 | 1348371 | 1379988 | 1359892 | 1.28 | cps |
| Antimony | 121-1 | 947 | 953 | 993 | 964 | 2.62 | cps |
| Arsenic | 75-2 | 3751 | 4111 | 4031 | 3964 | 4.77 | cps |
| Barium | 135-1 | 164185 | 164826 | 165925 | 164978 | 0.53 | cps |
| Barium | 137-1 | 282770 | 287276 | 284810 | 284952 | 0.79 | cps |
| Beryllium | 9-1 | 400 | 433 | 328 | 387 | 13.94 | cps |
| Bismuth | 209-1 | 6895182 | 6300417 | 6753327 | 6649642 | 4.67 | cps |
| Bismuth | 209-2 | 4863494 | 4743762 | 4865096 | 4824117 | 1.44 | cps |
| Bromine | 81-1 | 11898 | 12118 | 12489 | 12168 | 2.45 | cps |
| Bromine | 81-2 | 397 | 257 | 303 | 319 | 22.36 | cps |
| Cadmium | 108-1 | 57 | 30 | 67 | 51 | 37.09 | cps |
| Cadmium | 106-1 | 2537 | 2290 | 2470 | 2432 | 5.25 | cps |
| Cadmium | 111-1 | 2060 | 1849 | 1963 | 1957 | 5.39 | cps |
| Calcium | 43-1 | 134963 | 134432 | 135663 | 135019 | 0.46 | cps |
| Calcium | 44-1 | 2054891 | 2059929 | 2058916 | 2057912 | 0.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53357 | 52936 | 53291 | 53195 | 0.43 | cps |
| Cobalt | 59-2 | 47110 | 46562 | 46539 | 46737 | 0.69 | cps |
| Copper | 63-2 | 106344 | 106203 | 106613 | 106387 | 0.20 | cps |
| Dysprosium | 156-1 | 13003 | 13173 | 12953 | 13043 | 0.89 | cps |
| Dysprosium | 156-2 | 9957 | 9880 | 9617 | 9818 | 1.82 | cps |
| Erbium | 164-1 | 11431 | 10928 | 10978 | 11112 | 2.50 | cps |
| Erbium | 164-2 | 6898 | 6898 | 7155 | 6984 | 2.12 | cps |
| Gadolinium | 160-1 | 12145 | 12809 | 12629 | 12528 | 2.74 | cps |
| Gadolinium | 160-2 | 8383 | 8076 | 8539 | 8333 | 2.83 | cps |
| Holmium | 165-1 | 10882914 | 9790452 | 10618968 | 10430778 | 5.46 | cps |
| Holmium | 165-2 | 6728610 | 6593701 | 6663891 | 6662067 | 1.01 | cps |
| Indium | 115-1 | 8393867 | 7492293 | 8153738 | 8013299 | 5.83 | cps |
| Indium | 115-2 | 2621600 | 2601657 | 2626392 | 2616550 | 0.50 | cps |
| Iron | 56-2 | 46172593 | 45667364 | 45378733 | 45739563 | 0.88 | cps |
| Iron | 57-2 | 1170799 | 1164286 | 1172829 | 1169305 | 0.38 | cps |
| Iron | 54-2 | 2531915 | 2549653 | 2499831 | 2527133 | 1.00 | cps |
| Krypton | 83-1 | 163 | 220 | 187 | 190 | 14.99 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 51092 | 51885 | 52314 | 51764 | 1.20 | cps |
| Lead | 207-1 | 42864 | 43436 | 43038 | 43113 | 0.68 | cps |
| Lead | 208-1 | 198723 | 199439 | 200744 | 199636 | 0.51 | cps |
| Lithium | 6-1 | 1272646 | 1196159 | 1262163 | 1243656 | 3.33 | cps |
| Magnesium | 24-2 | 1219276 | 1217678 | 1221511 | 1219488 | 0.16 | cps |
| Manganese | 55-2 | 1191265 | 1184796 | 1191228 | 1189096 | 0.31 | cps |
| Molybdenum | 94-1 | 7012 | 6948 | 6905 | 6955 | 0.77 | cps |
| Molybdenum | 95-1 | 1207 | 1260 | 1257 | 1241 | 2.41 | cps |
| Molybdenum | 96-1 | 3027 | 3107 | 3220 | 3118 | 3.12 | cps |
| Molybdenum | 97-1 | 783 | 897 | 710 | 797 | 11.81 | cps |
| Molybdenum | 98-1 | 1907 | 1947 | 1847 | 1900 | 2.65 | cps |
| Neodymium | 150-1 | 21343 | 22521 | 22698 | 22188 | 3.32 | cps |
| Neodymium | 150-2 | 11558 | 11481 | 11652 | 11564 | 0.74 | cps |
| Nickel | 60-2 | 17353 | 16866 | 17407 | 17209 | 1.73 | cps |
| Phosphorus | 31-2 | 5788 | 5568 | 5935 | 5763 | 3.20 | cps |
| Potassium | 39-2 | 1022608 | 1021831 | 1022689 | 1022376 | 0.05 | cps |
| Rhodium | 103-1 | 7709203 | 6898483 | 7540876 | 7382854 | 5.80 | cps |
| Rhodium | 103-2 | 4546717 | 4437552 | 4538470 | 4507579 | 1.35 | cps |
| Scandium | 45-1 | 4439803 | 3981195 | 4344032 | 4255010 | 5.69 | cps |
| Scandium | 45-2 | 396624 | 397355 | 397367 | 397115 | 0.11 | cps |
| Selenium | 82-1 | 513 | 428 | 399 | 447 | 13.33 | cps |
| Selenium | 77-2 | 63 | 40 | 37 | 47 | 31.13 | cps |
| Selenium | 78-2 | 267 | 250 | 263 | 260 | 3.39 | cps |
| Silicon | 28-1 | 7009112 | 7080638 | 7083772 | 7057841 | 0.60 | cps |
| Silver | 107-1 | 613 | 590 | 643 | 616 | 4.34 | cps |
| Silver | 109-1 | 613 | 530 | 590 | 578 | 7.44 | cps |
| Sodium | 23-2 | 72034 | 72650 | 72932 | 72539 | 0.63 | cps |
| Strontium | 86-1 | 65424 | 65183 | 65100 | 65236 | 0.26 | cps |
| Strontium | 88-1 | 566698 | 572394 | 570226 | 569773 | 0.50 | cps |
| Sulfur | 34-1 | 118237 | 117736 | 120658 | 118877 | 1.31 | cps |
| Terbium | 159-1 | 11075219 | 9982773 | 10882811 | 10646934 | 5.48 | cps |
| Terbium | 159-2 | 6550413 | 6622704 | 6670247 | 6614455 | 0.91 | cps |
| Thallium | 203-1 | 657 | 677 | 613 | 649 | 4.99 | cps |
| Thallium | 205-1 | 1547 | 1470 | 1550 | 1522 | 2.97 | cps |
| Tin | 118-1 | 5852 | 4651 | 4808 | 5103 | 12.80 | cps |
| Titanium | 47-1 | 249460 | 253054 | 251651 | 251388 | 0.72 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-02 22:54:10 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6475 | 6675 | 6408 | 6519 | 2.13 | cps |
| Vanadium | 51-2 | 91394 | 91616 | 92736 | 91915 | 0.78 | cps |
| Yttrium | 89-1 | 13632221 | 12293534 | 13366922 | 13097559 | 5.41 | cps |
| Yttrium | 89-2 | 3285195 | 3221650 | 3299150 | 3268665 | 1.26 | cps |
| Zinc | 66-2 | 24023 | 23672 | 24126 | 23940 | 0.99 | cps |
| Zirconium | 90-1 | 16863 | 16960 | 17240 | 17021 | 1.15 | cps |
| Zirconium | 91-1 | 3791 | 4074 | 3831 | 3898 | 3.93 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7151029 | 7119272 | 7103816 | 7124706 | 0.34 | cps |
| Antimony | 121-1 | 583077 | 591614 | 593887 | 589526 | 0.97 | cps |
| Arsenic | 75-2 | 31801 | 31220 | 31390 | 31470 | 0.95 | cps |
| Barium | 135-1 | 4189421 | 4170646 | 4135749 | 4165272 | 0.65 | cps |
| Barium | 137-1 | 7218196 | 7180093 | 7147149 | 7181813 | 0.50 | cps |
| Beryllium | 9-1 | 43617 | 44135 | 45026 | 44259 | 1.61 | cps |
| Bismuth | 209-1 | 6793078 | 6829645 | 6740632 | 6787785 | 0.66 | cps |
| Bismuth | 209-2 | 4774439 | 4739912 | 4731025 | 4748459 | 0.48 | cps |
| Bromine | 81-1 | 15885 | 16299 | 16623 | 16269 | 2.27 | cps |
| Bromine | 81-2 | 1200 | 1113 | 1143 | 1152 | 3.82 | cps |
| Cadmium | 108-1 | 4991 | 5058 | 4934 | 4994 | 1.24 | cps |
| Cadmium | 106-1 | 9680 | 9657 | 9803 | 9713 | 0.81 | cps |
| Cadmium | 111-1 | 77887 | 77375 | 77841 | 77701 | 0.36 | cps |
| Calcium | 43-1 | 679296 | 688572 | 694521 | 687463 | 1.12 | cps |
| Calcium | 44-1 | 10259772 | 10452044 | 10475049 | 10395622 | 1.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 766486 | 765494 | 761427 | 764469 | 0.35 | cps |
| Cobalt | 59-2 | 2161442 | 2147738 | 2139625 | 2149602 | 0.51 | cps |
| Copper | 63-2 | 1166979 | 1161324 | 1156537 | 1161613 | 0.45 | cps |
| Dysprosium | 156-1 | 65693 | 66841 | 66704 | 66413 | 0.94 | cps |
| Dysprosium | 156-2 | 49015 | 49032 | 49112 | 49053 | 0.11 | cps |
| Erbium | 164-1 | 57749 | 57230 | 59108 | 58029 | 1.67 | cps |
| Erbium | 164-2 | 35893 | 35558 | 34706 | 35386 | 1.73 | cps |
| Gadolinium | 160-1 | 64521 | 65566 | 64464 | 64850 | 0.96 | cps |
| Gadolinium | 160-2 | 41271 | 42003 | 42153 | 41809 | 1.13 | cps |
| Holmium | 165-1 | 10867835 | 10815202 | 10792346 | 10825128 | 0.36 | cps |
| Holmium | 165-2 | 6657486 | 6652701 | 6609295 | 6639827 | 0.40 | cps |
| Indium | 115-1 | 8244543 | 8280684 | 8116143 | 8213790 | 1.05 | cps |
| Indium | 115-2 | 2579414 | 2532365 | 2508622 | 2540134 | 1.42 | cps |
| Iron | 56-2 | 237491783 | 237709390 | 237134070 | 237445081 | 0.12 | cps |
| Iron | 57-2 | 5956093 | 5863400 | 5888486 | 5902660 | 0.81 | cps |
| Iron | 54-2 | 13087226 | 13093479 | 12979077 | 13053261 | 0.49 | cps |
| Krypton | 83-1 | 323 | 293 | 267 | 294 | 9.63 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 342276 | 352731 | 345340 | 346782 | 1.55 | cps |
| Lead | 207-1 | 292541 | 294941 | 299710 | 295731 | 1.23 | cps |
| Lead | 208-1 | 1335479 | 1364855 | 1354655 | 1351663 | 1.10 | cps |
| Lithium | 6-1 | 1316101 | 1283481 | 1275734 | 1291772 | 1.66 | cps |
| Magnesium | 24-2 | 6169737 | 6188788 | 6208346 | 6188957 | 0.31 | cps |
| Manganese | 55-2 | 6985962 | 7015213 | 6917445 | 6972873 | 0.72 | cps |
| Molybdenum | 94-1 | 35493 | 35399 | 35981 | 35624 | 0.88 | cps |
| Molybdenum | 95-1 | 5928 | 5985 | 6048 | 5987 | 1.00 | cps |
| Molybdenum | 96-1 | 15165 | 15321 | 15502 | 15329 | 1.10 | cps |
| Molybdenum | 97-1 | 3547 | 3817 | 3547 | 3637 | 4.29 | cps |
| Molybdenum | 98-1 | 9186 | 8706 | 8876 | 8923 | 2.73 | cps |
| Neodymium | 150-1 | 113452 | 116668 | 113341 | 114487 | 1.65 | cps |
| Neodymium | 150-2 | 59049 | 59314 | 58631 | 58998 | 0.58 | cps |
| Nickel | 60-2 | 558767 | 554847 | 554445 | 556019 | 0.43 | cps |
| Phosphorus | 31-2 | 27996 | 28590 | 28450 | 28345 | 1.10 | cps |
| Potassium | 39-2 | 4720468 | 4822235 | 4678883 | 4740529 | 1.56 | cps |
| Rhodium | 103-1 | 7556140 | 7522629 | 7416008 | 7498259 | 0.98 | cps |
| Rhodium | 103-2 | 4424305 | 4416340 | 4359564 | 4400070 | 0.80 | cps |
| Scandium | 45-1 | 4546071 | 4551551 | 4534300 | 4543974 | 0.19 | cps |
| Scandium | 45-2 | 409680 | 406862 | 405712 | 407418 | 0.50 | cps |
| Selenium | 82-1 | 9412 | 9305 | 9656 | 9458 | 1.91 | cps |
| Selenium | 77-2 | 997 | 1020 | 1057 | 1024 | 2.95 | cps |
| Selenium | 78-2 | 3000 | 3060 | 3194 | 3085 | 3.21 | cps |
| Silicon | 28-1 | 34615924 | 34924278 | 35281310 | 34940504 | 0.95 | cps |
| Silver | 107-1 | 310334 | 316612 | 318752 | 315233 | 1.39 | cps |
| Silver | 109-1 | 293434 | 301220 | 301947 | 298867 | 1.58 | cps |
| Sodium | 23-2 | 292003 | 291883 | 291169 | 291685 | 0.15 | cps |
| Strontium | 86-1 | 329092 | 332335 | 333443 | 331623 | 0.68 | cps |
| Strontium | 88-1 | 2932119 | 2990043 | 3029464 | 2983875 | 1.64 | cps |
| Sulfur | 34-1 | 135861 | 134277 | 133224 | 134454 | 0.99 | cps |
| Terbium | 159-1 | 11044575 | 11298046 | 11120152 | 11154258 | 1.17 | cps |
| Terbium | 159-2 | 6619193 | 6668388 | 6540179 | 6609254 | 0.98 | cps |
| Thallium | 203-1 | 269260 | 273471 | 275400 | 272710 | 1.15 | cps |
| Thallium | 205-1 | 640189 | 652542 | 651204 | 647978 | 1.05 | cps |
| Tin | 118-1 | 18021 | 18335 | 18298 | 18218 | 0.94 | cps |
| Titanium | 47-1 | 1272657 | 1275643 | 1273934 | 1274078 | 0.12 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 22:57:20 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32052 | 33215 | 32994 | 32754 | 1.89 | cps |
| Vanadium | 51-2 | 1537384 | 1535651 | 1545288 | 1539441 | 0.33 | cps |
| Yttrium | 89-1 | 14141854 | 14128878 | 14120499 | 14130410 | 0.08 | cps |
| Yttrium | 89-2 | 3417323 | 3397565 | 3339334 | 3384741 | 1.20 | cps |
| Zinc | 66-2 | 325702 | 323822 | 321542 | 323689 | 0.64 | cps |
| Zirconium | 90-1 | 86171 | 89128 | 87975 | 87758 | 1.70 | cps |
| Zirconium | 91-1 | 19513 | 19463 | 19590 | 19522 | 0.33 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7692481 | 7778057 | 7696049 | 7722196 | 0.63 | cps |
| Antimony | 121-1 | 2949006 | 2954307 | 2960847 | 2954720 | 0.20 | cps |
| Arsenic | 75-2 | 73832 | 75651 | 73467 | 74317 | 1.57 | cps |
| Barium | 135-1 | 16420102 | 16582739 | 16470200 | 16491014 | 0.51 | cps |
| Barium | 137-1 | 28337391 | 28995183 | 28554863 | 28629146 | 1.17 | cps |
| Beryllium | 9-1 | 202996 | 205517 | 207576 | 205363 | 1.12 | cps |
| Bismuth | 209-1 | 6856909 | 6880093 | 6784004 | 6840335 | 0.73 | cps |
| Bismuth | 209-2 | 4725448 | 4727508 | 4674937 | 4709298 | 0.63 | cps |
| Bromine | 81-1 | 15762 | 16046 | 16136 | 15981 | 1.22 | cps |
| Bromine | 81-2 | 1170 | 1160 | 1080 | 1137 | 4.34 | cps |
| Cadmium | 108-1 | 23092 | 23232 | 23733 | 23352 | 1.44 | cps |
| Cadmium | 106-1 | 34270 | 34544 | 34785 | 34533 | 0.75 | cps |
| Cadmium | 111-1 | 352879 | 359988 | 363499 | 358788 | 1.51 | cps |
| Calcium | 43-1 | 649638 | 656149 | 661574 | 655787 | 0.91 | cps |
| Calcium | 44-1 | 9864933 | 10003120 | 9881777 | 9916610 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2598034 | 2616848 | 2581990 | 2598957 | 0.67 | cps |
| Cobalt | 59-2 | 9319724 | 9246741 | 9210324 | 9258930 | 0.60 | cps |
| Copper | 63-2 | 3656862 | 3654858 | 3666341 | 3659354 | 0.17 | cps |
| Dysprosium | 156-1 | 63908 | 64604 | 65572 | 64695 | 1.29 | cps |
| Dysprosium | 156-2 | 47232 | 47490 | 48203 | 47642 | 1.05 | cps |
| Erbium | 164-1 | 54757 | 56242 | 56838 | 55946 | 1.92 | cps |
| Erbium | 164-2 | 34700 | 34426 | 34713 | 34613 | 0.47 | cps |
| Gadolinium | 160-1 | 61407 | 62030 | 64025 | 62487 | 2.19 | cps |
| Gadolinium | 160-2 | 41254 | 40759 | 40642 | 40885 | 0.79 | cps |
| Holmium | 165-1 | 10917799 | 10870981 | 10703493 | 10830758 | 1.04 | cps |
| Holmium | 165-2 | 6562514 | 6604948 | 6617320 | 6594927 | 0.44 | cps |
| Indium | 115-1 | 8129420 | 8048863 | 8080998 | 8086427 | 0.50 | cps |
| Indium | 115-2 | 2498031 | 2494519 | 2498589 | 2497046 | 0.09 | cps |
| Iron | 56-2 | 235818836 | 236530710 | 235448563 | 235932703 | 0.23 | cps |
| Iron | 57-2 | 5831643 | 5798031 | 5816217 | 5815297 | 0.29 | cps |
| Iron | 54-2 | 12869529 | 12985375 | 12774995 | 12876633 | 0.82 | cps |
| Krypton | 83-1 | 280 | 273 | 310 | 288 | 6.79 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 661406 | 680618 | 676486 | 672837 | 1.50 | cps |
| Lead | 207-1 | 574110 | 584215 | 579698 | 579341 | 0.87 | cps |
| Lead | 208-1 | 2627793 | 2684634 | 2672606 | 2661678 | 1.13 | cps |
| Lithium | 6-1 | 1301708 | 1295377 | 1295158 | 1297414 | 0.29 | cps |
| Magnesium | 24-2 | 5944338 | 5939224 | 5914929 | 5932831 | 0.26 | cps |
| Manganese | 55-2 | 9940196 | 9975700 | 9995170 | 9970356 | 0.28 | cps |
| Molybdenum | 94-1 | 34113 | 34427 | 34434 | 34325 | 0.53 | cps |
| Molybdenum | 95-1 | 6041 | 5791 | 6111 | 5981 | 2.81 | cps |
| Molybdenum | 96-1 | 15045 | 14824 | 15034 | 14968 | 0.83 | cps |
| Molybdenum | 97-1 | 3454 | 3534 | 3534 | 3507 | 1.32 | cps |
| Molybdenum | 98-1 | 8883 | 9183 | 9230 | 9098 | 2.07 | cps |
| Neodymium | 150-1 | 111043 | 112521 | 113448 | 112338 | 1.08 | cps |
| Neodymium | 150-2 | 57306 | 56553 | 56366 | 56741 | 0.88 | cps |
| Nickel | 60-2 | 2444984 | 2459973 | 2419792 | 2441583 | 0.83 | cps |
| Phosphorus | 31-2 | 26299 | 27001 | 26359 | 26553 | 1.46 | cps |
| Potassium | 39-2 | 4522858 | 4533939 | 4480289 | 4512362 | 0.63 | cps |
| Rhodium | 103-1 | 7403797 | 7408323 | 7355338 | 7389153 | 0.40 | cps |
| Rhodium | 103-2 | 4343159 | 4339984 | 4295665 | 4326269 | 0.61 | cps |
| Scandium | 45-1 | 4515773 | 4448436 | 4453481 | 4472563 | 0.84 | cps |
| Scandium | 45-2 | 398326 | 399525 | 396988 | 398280 | 0.32 | cps |
| Selenium | 82-1 | 48422 | 48873 | 48966 | 48754 | 0.60 | cps |
| Selenium | 77-2 | 4574 | 4787 | 4657 | 4673 | 2.30 | cps |
| Selenium | 78-2 | 14747 | 14811 | 15054 | 14871 | 1.09 | cps |
| Silicon | 28-1 | 33236996 | 33769210 | 33672820 | 33559675 | 0.84 | cps |
| Silver | 107-1 | 1475288 | 1580270 | 1613696 | 1556418 | 4.64 | cps |
| Silver | 109-1 | 1397383 | 1422238 | 1420331 | 1413317 | 0.98 | cps |
| Sodium | 23-2 | 276254 | 278313 | 278242 | 277603 | 0.42 | cps |
| Strontium | 86-1 | 312660 | 319908 | 320325 | 317631 | 1.36 | cps |
| Strontium | 88-1 | 2886407 | 2884294 | 2867686 | 2879462 | 0.36 | cps |
| Sulfur | 34-1 | 131490 | 129449 | 128820 | 129920 | 1.07 | cps |
| Terbium | 159-1 | 11086316 | 10998159 | 11172878 | 11085784 | 0.79 | cps |
| Terbium | 159-2 | 6607720 | 6539898 | 6569133 | 6572250 | 0.52 | cps |
| Thallium | 203-1 | 1285494 | 1311216 | 1312549 | 1303086 | 1.17 | cps |
| Thallium | 205-1 | 3564341 | 3640386 | 3613648 | 3606125 | 1.07 | cps |
| Tin | 118-1 | 17270 | 17574 | 17671 | 17505 | 1.19 | cps |
| Titanium | 47-1 | 1214957 | 1229227 | 1235719 | 1226634 | 0.87 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:00:23 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31464 | 33051 | 32774 | 32429 | 2.61 | cps |
| Vanadium | 51-2 | 5490544 | 5471936 | 5432874 | 5465118 | 0.54 | cps |
| Yttrium | 89-1 | 13977139 | 13849543 | 13877354 | 13901345 | 0.48 | cps |
| Yttrium | 89-2 | 3338226 | 3297699 | 3317506 | 3317810 | 0.61 | cps |
| Zinc | 66-2 | 1091831 | 1098025 | 1085499 | 1091785 | 0.57 | cps |
| Zirconium | 90-1 | 82986 | 84055 | 84732 | 83924 | 1.05 | cps |
| Zirconium | 91-1 | 19176 | 18805 | 19810 | 19264 | 2.64 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6080260 | 6140860 | 6089438 | 6103519 | 0.54 | cps |
| Antimony | 121-1 | 9847 | 9820 | 9633 | 9767 | 1.19 | cps |
| Arsenic | 75-2 | 26437 | 26053 | 26046 | 26179 | 0.85 | cps |
| Barium | 135-1 | 804630 | 814327 | 821335 | 813431 | 1.03 | cps |
| Barium | 137-1 | 1392527 | 1413478 | 1416916 | 1407640 | 0.94 | cps |
| Beryllium | 9-1 | 1489 | 1506 | 1656 | 1550 | 5.92 | cps |
| Bismuth | 209-1 | 6829416 | 6925255 | 6722651 | 6825774 | 1.48 | cps |
| Bismuth | 209-2 | 4752878 | 4704365 | 4746072 | 4734439 | 0.55 | cps |
| Bromine | 81-1 | 16119 | 16459 | 16830 | 16469 | 2.16 | cps |
| Bromine | 81-2 | 1260 | 1243 | 1210 | 1238 | 2.06 | cps |
| Cadmium | 108-1 | 283 | 250 | 263 | 266 | 6.32 | cps |
| Cadmium | 106-1 | 3107 | 3020 | 3144 | 3090 | 2.05 | cps |
| Cadmium | 111-1 | 4160 | 4236 | 4286 | 4228 | 1.50 | cps |
| Calcium | 43-1 | 553213 | 563884 | 570899 | 562665 | 1.58 | cps |
| Calcium | 44-1 | 8454319 | 8550861 | 8591304 | 8532161 | 0.82 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 249809 | 249237 | 247058 | 248702 | 0.58 | cps |
| Cobalt | 59-2 | 216858 | 215677 | 215444 | 215993 | 0.35 | cps |
| Copper | 63-2 | 717275 | 715318 | 715247 | 715946 | 0.16 | cps |
| Dysprosium | 156-1 | 60406 | 60362 | 61584 | 60784 | 1.14 | cps |
| Dysprosium | 156-2 | 46647 | 45794 | 45761 | 46068 | 1.09 | cps |
| Erbium | 164-1 | 50645 | 50959 | 51558 | 51054 | 0.91 | cps |
| Erbium | 164-2 | 31933 | 30804 | 31659 | 31465 | 1.87 | cps |
| Gadolinium | 160-1 | 58143 | 58481 | 58789 | 58471 | 0.55 | cps |
| Gadolinium | 160-2 | 37911 | 38115 | 38112 | 38046 | 0.31 | cps |
| Holmium | 165-1 | 10708774 | 10892579 | 10836477 | 10812610 | 0.87 | cps |
| Holmium | 165-2 | 6642883 | 6579289 | 6601402 | 6607858 | 0.49 | cps |
| Indium | 115-1 | 8111894 | 8074930 | 8123446 | 8103423 | 0.31 | cps |
| Indium | 115-2 | 2545638 | 2529345 | 2566116 | 2547033 | 0.72 | cps |
| Iron | 56-2 | 219001803 | 220725603 | 217403183 | 219043530 | 0.76 | cps |
| Iron | 57-2 | 5477657 | 5407290 | 5424402 | 5436450 | 0.68 | cps |
| Iron | 54-2 | 12052393 | 12010374 | 11903959 | 11988909 | 0.64 | cps |
| Krypton | 83-1 | 257 | 280 | 270 | 269 | 4.35 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 319272 | 320229 | 322041 | 320514 | 0.44 | cps |
| Lead | 207-1 | 273309 | 276658 | 282145 | 277371 | 1.61 | cps |
| Lead | 208-1 | 1252863 | 1260613 | 1269380 | 1260952 | 0.66 | cps |
| Lithium | 6-1 | 1290312 | 1280911 | 1289357 | 1286860 | 0.40 | cps |
| Magnesium | 24-2 | 5994789 | 5957924 | 5981178 | 5977964 | 0.31 | cps |
| Manganese | 55-2 | 4764130 | 4843202 | 4758295 | 4788542 | 0.99 | cps |
| Molybdenum | 94-1 | 39747 | 40576 | 40623 | 40315 | 1.22 | cps |
| Molybdenum | 95-1 | 7682 | 7555 | 7612 | 7616 | 0.83 | cps |
| Molybdenum | 96-1 | 16893 | 17634 | 17414 | 17314 | 2.20 | cps |
| Molybdenum | 97-1 | 4707 | 4707 | 4711 | 4709 | 0.04 | cps |
| Molybdenum | 98-1 | 11651 | 11431 | 11571 | 11551 | 0.96 | cps |
| Neodymium | 150-1 | 107284 | 110240 | 110281 | 109268 | 1.57 | cps |
| Neodymium | 150-2 | 56660 | 56098 | 56539 | 56432 | 0.52 | cps |
| Nickel | 60-2 | 95713 | 96313 | 95246 | 95757 | 0.56 | cps |
| Phosphorus | 31-2 | 34188 | 34389 | 34268 | 34282 | 0.29 | cps |
| Potassium | 39-2 | 4624531 | 4670380 | 4570516 | 4621809 | 1.08 | cps |
| Rhodium | 103-1 | 7316528 | 7381603 | 7258121 | 7318751 | 0.84 | cps |
| Rhodium | 103-2 | 4409848 | 4414901 | 4452079 | 4425609 | 0.52 | cps |
| Scandium | 45-1 | 4418852 | 4477165 | 4384224 | 4426747 | 1.06 | cps |
| Scandium | 45-2 | 407168 | 404143 | 405359 | 405557 | 0.38 | cps |
| Selenium | 82-1 | 558 | 599 | 600 | 586 | 4.10 | cps |
| Selenium | 77-2 | 230 | 193 | 200 | 208 | 9.40 | cps |
| Selenium | 78-2 | 427 | 423 | 387 | 412 | 5.38 | cps |
| Silicon | 28-1 | 33126166 | 33090235 | 33300723 | 33172375 | 0.34 | cps |
| Silver | 107-1 | 6131 | 5548 | 5181 | 5620 | 8.53 | cps |
| Silver | 109-1 | 5471 | 4821 | 4661 | 4984 | 8.61 | cps |
| Sodium | 23-2 | 439593 | 442506 | 442906 | 441668 | 0.41 | cps |
| Strontium | 86-1 | 362738 | 367197 | 370565 | 366833 | 1.07 | cps |
| Strontium | 88-1 | 3294509 | 3329385 | 3322507 | 3315467 | 0.56 | cps |
| Sulfur | 34-1 | 144061 | 144428 | 145694 | 144728 | 0.59 | cps |
| Terbium | 159-1 | 10925529 | 11119495 | 10992413 | 11012479 | 0.89 | cps |
| Terbium | 159-2 | 6493800 | 6634102 | 6751777 | 6626560 | 1.95 | cps |
| Thallium | 203-1 | 2654 | 2684 | 2747 | 2695 | 1.77 | cps |
| Thallium | 205-1 | 6515 | 6592 | 6562 | 6556 | 0.59 | cps |
| Tin | 118-1 | 24187 | 24484 | 24534 | 24402 | 0.77 | cps |
| Titanium | 47-1 | 1061037 | 1075304 | 1088783 | 1075041 | 1.29 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:03:19 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25959 | 25858 | 26723 | 26180 | 1.81 | cps |
| Vanadium | 51-2 | 444291 | 446180 | 441330 | 443934 | 0.55 | cps |
| Yttrium | 89-1 | 13746449 | 13814788 | 13737450 | 13766229 | 0.31 | cps |
| Yttrium | 89-2 | 3356842 | 3377856 | 3380448 | 3371715 | 0.38 | cps |
| Zinc | 66-2 | 134681 | 135734 | 135676 | 135364 | 0.44 | cps |
| Zirconium | 90-1 | 96705 | 98893 | 98816 | 98138 | 1.27 | cps |
| Zirconium | 91-1 | 22127 | 21760 | 22367 | 22085 | 1.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7502374 | 7460512 | 7431465 | 7464784 | 0.48 | cps |
| Antimony | 121-1 | 5611 | 5444 | 5741 | 5599 | 2.66 | cps |
| Arsenic | 75-2 | 22981 | 22607 | 23195 | 22928 | 1.30 | cps |
| Barium | 135-1 | 850722 | 867507 | 867416 | 861882 | 1.12 | cps |
| Barium | 137-1 | 1625916 | 1490601 | 1619058 | 1578525 | 4.83 | cps |
| Beryllium | 9-1 | 1750 | 1817 | 1589 | 1719 | 6.81 | cps |
| Bismuth | 209-1 | 6874807 | 6710226 | 6884589 | 6823207 | 1.44 | cps |
| Bismuth | 209-2 | 4680348 | 4627361 | 4683845 | 4663851 | 0.68 | cps |
| Bromine | 81-1 | 17527 | 17968 | 18278 | 17924 | 2.11 | cps |
| Bromine | 81-2 | 1353 | 1507 | 1453 | 1438 | 5.41 | cps |
| Cadmium | 108-1 | 213 | 217 | 200 | 210 | 4.20 | cps |
| Cadmium | 106-1 | 3094 | 3134 | 2960 | 3063 | 2.96 | cps |
| Cadmium | 111-1 | 4003 | 4125 | 3962 | 4030 | 2.11 | cps |
| Calcium | 43-1 | 542556 | 549063 | 548444 | 546688 | 0.66 | cps |
| Calcium | 44-1 | 8176933 | 8339744 | 8368287 | 8294988 | 1.24 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 288054 | 287915 | 285889 | 287286 | 0.42 | cps |
| Cobalt | 59-2 | 235421 | 234629 | 235059 | 235037 | 0.17 | cps |
| Copper | 63-2 | 689855 | 698277 | 689131 | 692421 | 0.73 | cps |
| Dysprosium | 156-1 | 67712 | 68322 | 69062 | 68365 | 0.99 | cps |
| Dysprosium | 156-2 | 51404 | 51015 | 50530 | 50983 | 0.86 | cps |
| Erbium | 164-1 | 59677 | 59355 | 59439 | 59490 | 0.28 | cps |
| Erbium | 164-2 | 36441 | 36274 | 36304 | 36339 | 0.25 | cps |
| Gadolinium | 160-1 | 67448 | 68319 | 67746 | 67837 | 0.65 | cps |
| Gadolinium | 160-2 | 44089 | 43905 | 43150 | 43715 | 1.14 | cps |
| Holmium | 165-1 | 10663003 | 10640471 | 10641024 | 10648166 | 0.12 | cps |
| Holmium | 165-2 | 6548274 | 6534186 | 6621152 | 6567871 | 0.71 | cps |
| Indium | 115-1 | 8093966 | 7875504 | 8055437 | 8008302 | 1.46 | cps |
| Indium | 115-2 | 2513345 | 2496142 | 2522337 | 2510608 | 0.53 | cps |
| Iron | 56-2 | 238424390 | 234512510 | 235793736 | 236243545 | 0.84 | cps |
| Iron | 57-2 | 5864964 | 5865148 | 5825663 | 5851925 | 0.39 | cps |
| Iron | 54-2 | 12950979 | 12838585 | 12898068 | 12895877 | 0.44 | cps |
| Krypton | 83-1 | 223 | 293 | 260 | 259 | 13.52 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 285057 | 288557 | 290983 | 288199 | 1.03 | cps |
| Lead | 207-1 | 241206 | 248968 | 247113 | 245762 | 1.65 | cps |
| Lead | 208-1 | 1115914 | 1135650 | 1138338 | 1129967 | 1.08 | cps |
| Lithium | 6-1 | 1276362 | 1282709 | 1263693 | 1274255 | 0.76 | cps |
| Magnesium | 24-2 | 6284537 | 6272799 | 6302235 | 6286524 | 0.24 | cps |
| Manganese | 55-2 | 5685074 | 5648068 | 5636940 | 5656694 | 0.45 | cps |
| Molybdenum | 94-1 | 38671 | 39861 | 39226 | 39253 | 1.52 | cps |
| Molybdenum | 95-1 | 6775 | 6738 | 6815 | 6776 | 0.57 | cps |
| Molybdenum | 96-1 | 16536 | 16543 | 17247 | 16775 | 2.43 | cps |
| Molybdenum | 97-1 | 4331 | 4091 | 4091 | 4171 | 3.32 | cps |
| Molybdenum | 98-1 | 10204 | 10410 | 10487 | 10367 | 1.41 | cps |
| Neodymium | 150-1 | 119061 | 121108 | 121814 | 120661 | 1.19 | cps |
| Neodymium | 150-2 | 61895 | 61694 | 62079 | 61889 | 0.31 | cps |
| Nickel | 60-2 | 90011 | 90078 | 90397 | 90162 | 0.23 | cps |
| Phosphorus | 31-2 | 28433 | 27605 | 27161 | 27733 | 2.33 | cps |
| Potassium | 39-2 | 5042263 | 5036068 | 4939456 | 5005929 | 1.15 | cps |
| Rhodium | 103-1 | 7414727 | 7225241 | 7485487 | 7375152 | 1.82 | cps |
| Rhodium | 103-2 | 4362757 | 4330457 | 4352616 | 4348610 | 0.38 | cps |
| Scandium | 45-1 | 4479043 | 4413373 | 4519557 | 4470657 | 1.20 | cps |
| Scandium | 45-2 | 404780 | 405059 | 401215 | 403684 | 0.53 | cps |
| Selenium | 82-1 | 587 | 562 | 555 | 568 | 2.92 | cps |
| Selenium | 77-2 | 220 | 187 | 223 | 210 | 9.66 | cps |
| Selenium | 78-2 | 427 | 363 | 447 | 412 | 10.55 | cps |
| Silicon | 28-1 | 33575923 | 34116279 | 34148651 | 33946951 | 0.95 | cps |
| Silver | 107-1 | 3941 | 4331 | 3924 | 4065 | 5.66 | cps |
| Silver | 109-1 | 3944 | 3781 | 3811 | 3845 | 2.26 | cps |
| Sodium | 23-2 | 237026 | 236160 | 235624 | 236270 | 0.30 | cps |
| Strontium | 86-1 | 303442 | 307850 | 308901 | 306731 | 0.94 | cps |
| Strontium | 88-1 | 2765325 | 2817227 | 2777403 | 2786652 | 0.97 | cps |
| Sulfur | 34-1 | 133789 | 132478 | 131399 | 132556 | 0.90 | cps |
| Terbium | 159-1 | 11035975 | 10809618 | 11090579 | 10978724 | 1.36 | cps |
| Terbium | 159-2 | 6627323 | 6575499 | 6601749 | 6601524 | 0.39 | cps |
| Thallium | 203-1 | 2977 | 2897 | 2884 | 2919 | 1.73 | cps |
| Thallium | 205-1 | 6922 | 7112 | 7032 | 7022 | 1.36 | cps |
| Tin | 118-1 | 19300 | 19380 | 20017 | 19566 | 2.01 | cps |
| Titanium | 47-1 | 1229523 | 1238099 | 1253580 | 1240401 | 0.98 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:06:28 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 29656 | 30291 | 31003 | 30317 | 2.22 | cps |
| Vanadium | 51-2 | 481277 | 479271 | 473813 | 478121 | 0.81 | cps |
| Yttrium | 89-1 | 13890445 | 13792242 | 13999636 | 13894108 | 0.75 | cps |
| Yttrium | 89-2 | 3381736 | 3366575 | 3358147 | 3368819 | 0.35 | cps |
| Zinc | 66-2 | 136760 | 136769 | 135851 | 136460 | 0.39 | cps |
| Zirconium | 90-1 | 94626 | 95756 | 96676 | 95686 | 1.07 | cps |
| Zirconium | 91-1 | 21205 | 21489 | 22210 | 21635 | 2.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6041394 | 6145545 | 6063551 | 6083497 | 0.90 | cps |
| Antimony | 121-1 | 6418 | 6718 | 6665 | 6600 | 2.43 | cps |
| Arsenic | 75-2 | 25449 | 25432 | 25562 | 25481 | 0.28 | cps |
| Barium | 135-1 | 751756 | 759516 | 759906 | 757060 | 0.61 | cps |
| Barium | 137-1 | 1303123 | 1322959 | 1320919 | 1315667 | 0.83 | cps |
| Beryllium | 9-1 | 1628 | 1589 | 1211 | 1476 | 15.59 | cps |
| Bismuth | 209-1 | 6843776 | 6831830 | 6768083 | 6814563 | 0.60 | cps |
| Bismuth | 209-2 | 4637184 | 4697913 | 4678184 | 4671094 | 0.66 | cps |
| Bromine | 81-1 | 17918 | 18672 | 18685 | 18425 | 2.38 | cps |
| Bromine | 81-2 | 1447 | 1473 | 1500 | 1473 | 1.81 | cps |
| Cadmium | 108-1 | 200 | 233 | 210 | 214 | 7.98 | cps |
| Cadmium | 106-1 | 3147 | 3147 | 2887 | 3060 | 4.91 | cps |
| Cadmium | 111-1 | 4190 | 4083 | 4014 | 4096 | 2.16 | cps |
| Calcium | 43-1 | 495886 | 501713 | 504495 | 500698 | 0.88 | cps |
| Calcium | 44-1 | 7560130 | 7627562 | 7633438 | 7607044 | 0.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 261541 | 260531 | 261022 | 261031 | 0.19 | cps |
| Cobalt | 59-2 | 203771 | 202940 | 202500 | 203071 | 0.32 | cps |
| Copper | 63-2 | 606071 | 604237 | 601388 | 603899 | 0.39 | cps |
| Dysprosium | 156-1 | 56295 | 57474 | 56031 | 56600 | 1.36 | cps |
| Dysprosium | 156-2 | 41401 | 41240 | 40749 | 41130 | 0.83 | cps |
| Erbium | 164-1 | 48049 | 48744 | 48494 | 48429 | 0.73 | cps |
| Erbium | 164-2 | 29398 | 29344 | 28776 | 29173 | 1.18 | cps |
| Gadolinium | 160-1 | 53140 | 54994 | 54536 | 54223 | 1.78 | cps |
| Gadolinium | 160-2 | 35729 | 34860 | 35739 | 35442 | 1.42 | cps |
| Holmium | 165-1 | 10874869 | 10901996 | 10883334 | 10886733 | 0.13 | cps |
| Holmium | 165-2 | 6468438 | 6521605 | 6565107 | 6518383 | 0.74 | cps |
| Indium | 115-1 | 8106493 | 8110555 | 7984194 | 8067081 | 0.89 | cps |
| Indium | 115-2 | 2502762 | 2474818 | 2501984 | 2493188 | 0.64 | cps |
| Iron | 56-2 | 199247884 | 198492824 | 199401884 | 199047530 | 0.24 | cps |
| Iron | 57-2 | 4986586 | 4915467 | 4935325 | 4945792 | 0.74 | cps |
| Iron | 54-2 | 10831138 | 10777132 | 10813719 | 10807330 | 0.26 | cps |
| Krypton | 83-1 | 190 | 250 | 273 | 238 | 18.08 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 295434 | 299906 | 303434 | 299591 | 1.34 | cps |
| Lead | 207-1 | 254784 | 257028 | 255967 | 255926 | 0.44 | cps |
| Lead | 208-1 | 1161018 | 1170183 | 1180832 | 1170678 | 0.85 | cps |
| Lithium | 6-1 | 1289652 | 1277910 | 1294924 | 1287495 | 0.68 | cps |
| Magnesium | 24-2 | 5822732 | 5866742 | 5846324 | 5845266 | 0.38 | cps |
| Manganese | 55-2 | 4289435 | 4272287 | 4267891 | 4276537 | 0.27 | cps |
| Molybdenum | 94-1 | 33164 | 33993 | 33659 | 33605 | 1.24 | cps |
| Molybdenum | 95-1 | 8949 | 9093 | 8843 | 8962 | 1.40 | cps |
| Molybdenum | 96-1 | 17424 | 17414 | 17350 | 17396 | 0.23 | cps |
| Molybdenum | 97-1 | 5284 | 5464 | 5618 | 5456 | 3.06 | cps |
| Molybdenum | 98-1 | 14007 | 14447 | 13877 | 14110 | 2.12 | cps |
| Neodymium | 150-1 | 98857 | 97860 | 99148 | 98622 | 0.69 | cps |
| Neodymium | 150-2 | 50393 | 50269 | 51012 | 50558 | 0.79 | cps |
| Nickel | 60-2 | 89052 | 89803 | 90179 | 89678 | 0.64 | cps |
| Phosphorus | 31-2 | 29358 | 29746 | 29074 | 29393 | 1.15 | cps |
| Potassium | 39-2 | 4968853 | 4976357 | 4922194 | 4955801 | 0.59 | cps |
| Rhodium | 103-1 | 7391252 | 7434097 | 7410762 | 7412037 | 0.29 | cps |
| Rhodium | 103-2 | 4318877 | 4317210 | 4296735 | 4310941 | 0.29 | cps |
| Scandium | 45-1 | 4471461 | 4514848 | 4416876 | 4467729 | 1.10 | cps |
| Scandium | 45-2 | 398866 | 398614 | 396724 | 398068 | 0.29 | cps |
| Selenium | 82-1 | 673 | 581 | 562 | 605 | 9.78 | cps |
| Selenium | 77-2 | 203 | 187 | 190 | 193 | 4.56 | cps |
| Selenium | 78-2 | 390 | 383 | 367 | 380 | 3.16 | cps |
| Silicon | 28-1 | 34918029 | 35052904 | 34818279 | 34929737 | 0.34 | cps |
| Silver | 107-1 | 3847 | 3941 | 3931 | 3906 | 1.31 | cps |
| Silver | 109-1 | 3384 | 3664 | 3727 | 3592 | 5.09 | cps |
| Sodium | 23-2 | 441854 | 443586 | 442205 | 442549 | 0.21 | cps |
| Strontium | 86-1 | 298075 | 300089 | 301734 | 299966 | 0.61 | cps |
| Strontium | 88-1 | 2730232 | 2733570 | 2766449 | 2743417 | 0.73 | cps |
| Sulfur | 34-1 | 147375 | 146080 | 144206 | 145887 | 1.09 | cps |
| Terbium | 159-1 | 11045401 | 11318362 | 10967871 | 11110545 | 1.66 | cps |
| Terbium | 159-2 | 6507056 | 6551126 | 6556478 | 6538220 | 0.41 | cps |
| Thallium | 203-1 | 2337 | 2387 | 2530 | 2418 | 4.15 | cps |
| Thallium | 205-1 | 5591 | 5848 | 5901 | 5780 | 2.87 | cps |
| Tin | 118-1 | 18859 | 19036 | 20504 | 19467 | 4.64 | cps |
| Titanium | 47-1 | 997525 | 1016081 | 1017683 | 1010429 | 1.11 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:09:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23972 | 23725 | 24863 | 24186 | 2.48 | cps |
| Vanadium | 51-2 | 402530 | 398053 | 399827 | 400137 | 0.56 | cps |
| Yttrium | 89-1 | 13769109 | 13871730 | 13836437 | 13825759 | 0.38 | cps |
| Yttrium | 89-2 | 3341747 | 3349327 | 3320929 | 3337334 | 0.44 | cps |
| Zinc | 66-2 | 144323 | 144871 | 142875 | 144023 | 0.72 | cps |
| Zirconium | 90-1 | 76391 | 77640 | 78344 | 77458 | 1.28 | cps |
| Zirconium | 91-1 | 17667 | 17581 | 17754 | 17667 | 0.49 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6187896 | 6023609 | 6123211 | 6111572 | 1.35 | cps |
| Antimony | 121-1 | 5001 | 5301 | 5358 | 5220 | 3.67 | cps |
| Arsenic | 75-2 | 19797 | 18899 | 19453 | 19383 | 2.34 | cps |
| Barium | 135-1 | 753717 | 764371 | 777730 | 765272 | 1.57 | cps |
| Barium | 137-1 | 1309256 | 1334670 | 1335448 | 1326458 | 1.12 | cps |
| Beryllium | 9-1 | 1295 | 1361 | 1439 | 1365 | 5.30 | cps |
| Bismuth | 209-1 | 6735783 | 6806273 | 6695803 | 6745953 | 0.83 | cps |
| Bismuth | 209-2 | 4609525 | 4609150 | 4648693 | 4622456 | 0.49 | cps |
| Bromine | 81-1 | 16589 | 17203 | 16756 | 16850 | 1.88 | cps |
| Bromine | 81-2 | 1327 | 1297 | 1327 | 1317 | 1.32 | cps |
| Cadmium | 108-1 | 207 | 177 | 170 | 184 | 10.59 | cps |
| Cadmium | 106-1 | 2887 | 2774 | 2734 | 2798 | 2.84 | cps |
| Cadmium | 111-1 | 3366 | 3321 | 3298 | 3329 | 1.04 | cps |
| Calcium | 43-1 | 564677 | 573183 | 573541 | 570467 | 0.88 | cps |
| Calcium | 44-1 | 8595964 | 8703799 | 8736826 | 8678863 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 228881 | 228841 | 229650 | 229124 | 0.20 | cps |
| Cobalt | 59-2 | 197326 | 197830 | 198579 | 197912 | 0.32 | cps |
| Copper | 63-2 | 515602 | 513334 | 514325 | 514420 | 0.22 | cps |
| Dysprosium | 156-1 | 58521 | 59016 | 60212 | 59250 | 1.47 | cps |
| Dysprosium | 156-2 | 44126 | 44323 | 44119 | 44189 | 0.26 | cps |
| Erbium | 164-1 | 50969 | 50501 | 51113 | 50861 | 0.63 | cps |
| Erbium | 164-2 | 30363 | 31258 | 30944 | 30855 | 1.47 | cps |
| Gadolinium | 160-1 | 56386 | 57179 | 57685 | 57083 | 1.15 | cps |
| Gadolinium | 160-2 | 37266 | 36701 | 36765 | 36911 | 0.84 | cps |
| Holmium | 165-1 | 10762093 | 10891645 | 10818138 | 10823958 | 0.60 | cps |
| Holmium | 165-2 | 6538780 | 6386353 | 6500102 | 6475078 | 1.22 | cps |
| Indium | 115-1 | 8022446 | 8060934 | 8013034 | 8032138 | 0.32 | cps |
| Indium | 115-2 | 2540602 | 2482825 | 2498873 | 2507433 | 1.19 | cps |
| Iron | 56-2 | 194509577 | 194540444 | 194712317 | 194587446 | 0.06 | cps |
| Iron | 57-2 | 4847967 | 4843980 | 4821807 | 4837918 | 0.29 | cps |
| Iron | 54-2 | 10612011 | 10692807 | 10646224 | 10650347 | 0.38 | cps |
| Krypton | 83-1 | 217 | 293 | 213 | 241 | 18.77 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 224109 | 229105 | 228876 | 227364 | 1.24 | cps |
| Lead | 207-1 | 189516 | 192866 | 192220 | 191534 | 0.93 | cps |
| Lead | 208-1 | 872066 | 886094 | 886373 | 881511 | 0.93 | cps |
| Lithium | 6-1 | 1259567 | 1261969 | 1255432 | 1258989 | 0.26 | cps |
| Magnesium | 24-2 | 5321758 | 5332220 | 5375514 | 5343164 | 0.53 | cps |
| Manganese | 55-2 | 4799990 | 4802637 | 4756005 | 4786211 | 0.55 | cps |
| Molybdenum | 94-1 | 33375 | 33869 | 34424 | 33889 | 1.55 | cps |
| Molybdenum | 95-1 | 5304 | 5701 | 5554 | 5520 | 3.63 | cps |
| Molybdenum | 96-1 | 14097 | 14451 | 14247 | 14265 | 1.24 | cps |
| Molybdenum | 97-1 | 3417 | 3400 | 3507 | 3442 | 1.67 | cps |
| Molybdenum | 98-1 | 8596 | 8806 | 9150 | 8851 | 3.16 | cps |
| Neodymium | 150-1 | 102700 | 104222 | 105215 | 104046 | 1.22 | cps |
| Neodymium | 150-2 | 54639 | 53899 | 52618 | 53718 | 1.90 | cps |
| Nickel | 60-2 | 78836 | 78722 | 78755 | 78771 | 0.07 | cps |
| Phosphorus | 31-2 | 29539 | 28784 | 29054 | 29126 | 1.31 | cps |
| Potassium | 39-2 | 4611210 | 4588993 | 4577224 | 4592476 | 0.38 | cps |
| Rhodium | 103-1 | 7308545 | 7435220 | 7315195 | 7352987 | 0.97 | cps |
| Rhodium | 103-2 | 4306104 | 4273646 | 4313421 | 4297724 | 0.49 | cps |
| Scandium | 45-1 | 4374274 | 4434646 | 4400018 | 4402979 | 0.69 | cps |
| Scandium | 45-2 | 400766 | 396346 | 395772 | 397628 | 0.69 | cps |
| Selenium | 82-1 | 555 | 533 | 537 | 542 | 2.18 | cps |
| Selenium | 77-2 | 187 | 160 | 203 | 183 | 11.92 | cps |
| Selenium | 78-2 | 333 | 420 | 433 | 396 | 13.73 | cps |
| Silicon | 28-1 | 27665177 | 27949605 | 28140545 | 27918443 | 0.86 | cps |
| Silver | 107-1 | 2640 | 2767 | 2670 | 2692 | 2.46 | cps |
| Silver | 109-1 | 2560 | 2680 | 2730 | 2657 | 3.29 | cps |
| Sodium | 23-2 | 204884 | 206215 | 205276 | 205459 | 0.33 | cps |
| Strontium | 86-1 | 255768 | 260306 | 261696 | 259257 | 1.20 | cps |
| Strontium | 88-1 | 2291767 | 2368412 | 2374048 | 2344742 | 1.96 | cps |
| Sulfur | 34-1 | 137959 | 140034 | 140186 | 139393 | 0.89 | cps |
| Terbium | 159-1 | 10844112 | 11017687 | 10859584 | 10907127 | 0.88 | cps |
| Terbium | 159-2 | 6482778 | 6531054 | 6443252 | 6485695 | 0.68 | cps |
| Thallium | 203-1 | 2577 | 2584 | 2604 | 2588 | 0.54 | cps |
| Thallium | 205-1 | 6218 | 6475 | 6448 | 6380 | 2.21 | cps |
| Tin | 118-1 | 18278 | 18195 | 18272 | 18248 | 0.25 | cps |
| Titanium | 47-1 | 990304 | 1011644 | 1010495 | 1004148 | 1.20 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:12:45 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25638 | 24953 | 25371 | 25321 | 1.36 | cps |
| Vanadium | 51-2 | 385228 | 384820 | 384789 | 384946 | 0.06 | cps |
| Yttrium | 89-1 | 13592819 | 13807729 | 13741119 | 13713889 | 0.80 | cps |
| Yttrium | 89-2 | 3312566 | 3310056 | 3309632 | 3310751 | 0.05 | cps |
| Zinc | 66-2 | 116960 | 116500 | 116154 | 116538 | 0.35 | cps |
| Zirconium | 90-1 | 82936 | 84474 | 84260 | 83890 | 0.99 | cps |
| Zirconium | 91-1 | 18695 | 19042 | 19169 | 18969 | 1.29 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10474788 | 10488053 | 10585789 | 10516210 | 0.58 | cps |
| Antimony | 121-1 | 4941090 | 5035485 | 5055832 | 5010803 | 1.22 | cps |
| Arsenic | 75-2 | 245620 | 245874 | 244898 | 245464 | 0.21 | cps |
| Barium | 135-1 | 6742186 | 6839507 | 6796080 | 6792591 | 0.72 | cps |
| Barium | 137-1 | 11483013 | 11685650 | 11735822 | 11634828 | 1.15 | cps |
| Beryllium | 9-1 | 664463 | 678506 | 684445 | 675805 | 1.52 | cps |
| Bismuth | 209-1 | 6423707 | 6373176 | 6442958 | 6413280 | 0.56 | cps |
| Bismuth | 209-2 | 4393871 | 4356326 | 4372122 | 4374107 | 0.43 | cps |
| Bromine | 81-1 | 10417 | 10134 | 9777 | 10109 | 3.17 | cps |
| Bromine | 81-2 | 80 | 97 | 107 | 94 | 14.27 | cps |
| Cadmium | 108-1 | 88521 | 88904 | 89400 | 88941 | 0.50 | cps |
| Cadmium | 106-1 | 127483 | 129851 | 127557 | 128297 | 1.05 | cps |
| Cadmium | 111-1 | 1202555 | 1220040 | 1221608 | 1214734 | 0.87 | cps |
| Calcium | 43-1 | 6195647 | 6233226 | 6237927 | 6222266 | 0.37 | cps |
| Calcium | 44-1 | 98777812 | 100045119 | 99317929 | 99380286 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1953208 | 1953422 | 1932776 | 1946469 | 0.61 | cps |
| Cobalt | 59-2 | 3140463 | 3132235 | 3145433 | 3139377 | 0.21 | cps |
| Copper | 63-2 | 21725655 | 21774058 | 21876460 | 21792057 | 0.35 | cps |
| Dysprosium | 156-1 | 363 | 310 | 287 | 320 | 12.28 | cps |
| Dysprosium | 156-2 | 447 | 413 | 390 | 417 | 6.84 | cps |
| Erbium | 164-1 | 370 | 333 | 353 | 352 | 5.21 | cps |
| Erbium | 164-2 | 230 | 247 | 203 | 227 | 9.64 | cps |
| Gadolinium | 160-1 | 267 | 277 | 273 | 272 | 1.87 | cps |
| Gadolinium | 160-2 | 417 | 353 | 427 | 399 | 9.97 | cps |
| Holmium | 165-1 | 10664872 | 10782909 | 10902835 | 10783539 | 1.10 | cps |
| Holmium | 165-2 | 6488645 | 6533786 | 6503076 | 6508502 | 0.35 | cps |
| Indium | 115-1 | 7631398 | 7718935 | 7661631 | 7670655 | 0.58 | cps |
| Indium | 115-2 | 2393751 | 2342727 | 2369283 | 2368587 | 1.08 | cps |
| Iron | 56-2 | 416975140 | 419602247 | 419636434 | 418737940 | 0.36 | cps |
| Iron | 57-2 | 10492673 | 10509985 | 10378664 | 10460441 | 0.68 | cps |
| Iron | 54-2 | 22734657 | 23075093 | 23040423 | 22950058 | 0.82 | cps |
| Krypton | 83-1 | 187 | 210 | 223 | 207 | 8.98 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20577565 | 20477695 | 20386703 | 20480654 | 0.47 | cps |
| Lead | 207-1 | 17825192 | 17972821 | 18016225 | 17938079 | 0.56 | cps |
| Lead | 208-1 | 81577896 | 81762334 | 81905693 | 81748641 | 0.20 | cps |
| Lithium | 6-1 | 1226770 | 1253938 | 1272358 | 1251022 | 1.83 | cps |
| Magnesium | 24-2 | 87964949 | 88397499 | 88465005 | 88275818 | 0.31 | cps |
| Manganese | 55-2 | 14006220 | 14291261 | 14218874 | 14172118 | 1.05 | cps |
| Molybdenum | 94-1 | 18429012 | 18766560 | 18737209 | 18644260 | 1.00 | cps |
| Molybdenum | 95-1 | 27125318 | 27416830 | 27705802 | 27415983 | 1.06 | cps |
| Molybdenum | 96-1 | 29560800 | 29711235 | 30155638 | 29809224 | 1.04 | cps |
| Molybdenum | 97-1 | 16981480 | 16956074 | 17266540 | 17068031 | 1.01 | cps |
| Molybdenum | 98-1 | 43496528 | 43740831 | 44014968 | 43750775 | 0.59 | cps |
| Neodymium | 150-1 | 440 | 410 | 453 | 434 | 5.11 | cps |
| Neodymium | 150-2 | 167 | 127 | 177 | 157 | 16.89 | cps |
| Nickel | 60-2 | 750788 | 748918 | 745706 | 748471 | 0.34 | cps |
| Phosphorus | 31-2 | 107464 | 106702 | 107443 | 107203 | 0.41 | cps |
| Potassium | 39-2 | 53199584 | 53352736 | 53341519 | 53297946 | 0.16 | cps |
| Rhodium | 103-1 | 6802758 | 6806618 | 6818022 | 6809133 | 0.12 | cps |
| Rhodium | 103-2 | 3981961 | 3982048 | 3989119 | 3984376 | 0.10 | cps |
| Scandium | 45-1 | 4129169 | 4131397 | 4157085 | 4139217 | 0.37 | cps |
| Scandium | 45-2 | 377748 | 377303 | 383262 | 379438 | 0.87 | cps |
| Selenium | 82-1 | 73452 | 74051 | 74028 | 73844 | 0.46 | cps |
| Selenium | 77-2 | 6585 | 6635 | 6918 | 6713 | 2.68 | cps |
| Selenium | 78-2 | 22213 | 22788 | 22644 | 22548 | 1.33 | cps |
| Silicon | 28-1 | 42821209 | 43181041 | 43561898 | 43188049 | 0.86 | cps |
| Silver | 107-1 | 6202334 | 6228147 | 6218437 | 6216306 | 0.21 | cps |
| Silver | 109-1 | 5933577 | 5917758 | 6000918 | 5950751 | 0.74 | cps |
| Sodium | 23-2 | 149049311 | 150438858 | 148056774 | 149181648 | 0.80 | cps |
| Strontium | 86-1 | 39051444 | 39356396 | 39519703 | 39309181 | 0.60 | cps |
| Strontium | 88-1 | 343238582 | 346725835 | 345662515 | 345208977 | 0.52 | cps |
| Sulfur | 34-1 | 497670 | 498777 | 498394 | 498280 | 0.11 | cps |
| Terbium | 159-1 | 10902001 | 10803535 | 11041289 | 10915608 | 1.09 | cps |
| Terbium | 159-2 | 6563932 | 6476563 | 6531992 | 6524162 | 0.68 | cps |
| Thallium | 203-1 | 5090953 | 5149736 | 5142302 | 5127664 | 0.62 | cps |
| Thallium | 205-1 | 12291281 | 12245285 | 12403599 | 12313388 | 0.66 | cps |
| Tin | 118-1 | 4162568 | 4185521 | 4224524 | 4190871 | 0.75 | cps |
| Titanium | 47-1 | 6325233 | 6378278 | 6374438 | 6359316 | 0.47 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:15:52 | DataFile Name : | 109CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16489880 | 16753631 | 16884634 | 16709382 | 1.20 | cps |
| Vanadium | 51-2 | 1744865 | 1762734 | 1729782 | 1745793 | 0.94 | cps |
| Yttrium | 89-1 | 12783898 | 12907630 | 12979163 | 12890231 | 0.77 | cps |
| Yttrium | 89-2 | 3087387 | 3105922 | 3086229 | 3093180 | 0.36 | cps |
| Zinc | 66-2 | 3420723 | 3440662 | 3419157 | 3426848 | 0.35 | cps |
| Zirconium | 90-1 | 8448573 | 8599448 | 8755931 | 8601317 | 1.79 | cps |
| Zirconium | 91-1 | 1937813 | 1930015 | 1940180 | 1936002 | 0.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1500 | 1540 | 1557 | 1532 | 1.90 | cps |
| Antimony | 121-1 | 3400 | 3360 | 3247 | 3336 | 2.38 | cps |
| Arsenic | 75-2 | 23 | 7 | 30 | 20 | 60.08 | cps |
| Barium | 135-1 | 560 | 683 | 670 | 638 | 10.61 | cps |
| Barium | 137-1 | 1123 | 1093 | 1100 | 1106 | 1.43 | cps |
| Beryllium | 9-1 | 128 | 83 | 83 | 98 | 26.14 | cps |
| Bismuth | 209-1 | 7213564 | 7202409 | 7120951 | 7178974 | 0.70 | cps |
| Bismuth | 209-2 | 4985098 | 5007846 | 5048512 | 5013819 | 0.64 | cps |
| Bromine | 81-1 | 9850 | 10571 | 10504 | 10308 | 3.86 | cps |
| Bromine | 81-2 | 80 | 67 | 93 | 80 | 16.66 | cps |
| Cadmium | 108-1 | 7 | 17 | 30 | 18 | 65.83 | cps |
| Cadmium | 106-1 | 2714 | 2730 | 2664 | 2703 | 1.28 | cps |
| Cadmium | 111-1 | 2002 | 1996 | 1927 | 1975 | 2.11 | cps |
| Calcium | 43-1 | 517 | 550 | 573 | 547 | 5.21 | cps |
| Calcium | 44-1 | 15375 | 15612 | 15575 | 15521 | 0.82 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 657 | 753 | 680 | 697 | 7.24 | cps |
| Cobalt | 59-2 | 293 | 250 | 380 | 308 | 21.51 | cps |
| Copper | 63-2 | 1927 | 1970 | 1693 | 1863 | 7.99 | cps |
| Dysprosium | 156-1 | 30 | 27 | 17 | 24 | 28.38 | cps |
| Dysprosium | 156-2 | 10 | 10 | 23 | 14 | 53.28 | cps |
| Erbium | 164-1 | 53 | 93 | 80 | 76 | 26.96 | cps |
| Erbium | 164-2 | 47 | 37 | 63 | 49 | 27.55 | cps |
| Gadolinium | 160-1 | 33 | 53 | 40 | 42 | 24.12 | cps |
| Gadolinium | 160-2 | 207 | 267 | 287 | 253 | 16.43 | cps |
| Holmium | 165-1 | 11137919 | 11109249 | 10902149 | 11049772 | 1.16 | cps |
| Holmium | 165-2 | 6735053 | 6769023 | 6812582 | 6772220 | 0.57 | cps |
| Indium | 115-1 | 8414728 | 8440899 | 8410819 | 8422149 | 0.19 | cps |
| Indium | 115-2 | 2696845 | 2648019 | 2609418 | 2651427 | 1.65 | cps |
| Iron | 56-2 | 62265 | 61127 | 64707 | 62700 | 2.92 | cps |
| Iron | 57-2 | 2370 | 2294 | 2327 | 2330 | 1.65 | cps |
| Iron | 54-2 | 4344 | 4107 | 4494 | 4315 | 4.52 | cps |
| Krypton | 83-1 | 217 | 153 | 167 | 179 | 18.66 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1920 | 1783 | 1660 | 1788 | 7.28 | cps |
| Lead | 207-1 | 1767 | 1603 | 1560 | 1643 | 6.63 | cps |
| Lead | 208-1 | 7404 | 7127 | 6721 | 7084 | 4.85 | cps |
| Lithium | 6-1 | 1333438 | 1356773 | 1336608 | 1342273 | 0.94 | cps |
| Magnesium | 24-2 | 4047 | 3730 | 4001 | 3926 | 4.36 | cps |
| Manganese | 55-2 | 1570 | 1690 | 1763 | 1675 | 5.83 | cps |
| Molybdenum | 94-1 | 1543 | 1507 | 1613 | 1555 | 3.49 | cps |
| Molybdenum | 95-1 | 1673 | 1530 | 1533 | 1579 | 5.18 | cps |
| Molybdenum | 96-1 | 1930 | 1800 | 1767 | 1832 | 4.71 | cps |
| Molybdenum | 97-1 | 1120 | 890 | 1003 | 1004 | 11.45 | cps |
| Molybdenum | 98-1 | 2650 | 2614 | 2407 | 2557 | 5.13 | cps |
| Neodymium | 150-1 | 30 | 23 | 40 | 31 | 26.97 | cps |
| Neodymium | 150-2 | 7 | 20 | 10 | 12 | 56.76 | cps |
| Nickel | 60-2 | 200 | 193 | 220 | 204 | 6.79 | cps |
| Phosphorus | 31-2 | 183 | 163 | 117 | 154 | 22.15 | cps |
| Potassium | 39-2 | 49520 | 49146 | 49644 | 49437 | 0.52 | cps |
| Rhodium | 103-1 | 7753978 | 7802525 | 7661445 | 7739316 | 0.93 | cps |
| Rhodium | 103-2 | 4543278 | 4511328 | 4521996 | 4525534 | 0.36 | cps |
| Scandium | 45-1 | 4430106 | 4385990 | 4352300 | 4389465 | 0.89 | cps |
| Scandium | 45-2 | 392145 | 387784 | 391927 | 390619 | 0.63 | cps |
| Selenium | 82-1 | 364 | 408 | 465 | 412 | 12.38 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 243 | 283 | 217 | 248 | 13.54 | cps |
| Silicon | 28-1 | 212933 | 210030 | 210560 | 211174 | 0.73 | cps |
| Silver | 107-1 | 810 | 760 | 657 | 742 | 10.54 | cps |
| Silver | 109-1 | 750 | 650 | 553 | 651 | 15.10 | cps |
| Sodium | 23-2 | 31482 | 30844 | 30717 | 31015 | 1.32 | cps |
| Strontium | 86-1 | 1730 | 1663 | 1547 | 1647 | 5.64 | cps |
| Strontium | 88-1 | 12362 | 12058 | 11868 | 12096 | 2.06 | cps |
| Sulfur | 34-1 | 155424 | 156613 | 158024 | 156687 | 0.83 | cps |
| Terbium | 159-1 | 11374243 | 11383932 | 11358583 | 11372252 | 0.11 | cps |
| Terbium | 159-2 | 6855858 | 6771606 | 6722147 | 6783204 | 1.00 | cps |
| Thallium | 203-1 | 947 | 883 | 620 | 817 | 21.21 | cps |
| Thallium | 205-1 | 1960 | 2017 | 1723 | 1900 | 8.19 | cps |
| Tin | 118-1 | 2244 | 2367 | 2437 | 2349 | 4.17 | cps |
| Titanium | 47-1 | 587 | 647 | 620 | 618 | 4.87 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB004 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB004 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:18:36 | DataFile Name : | 110CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 557 | 610 | 510 | 559 | 8.95 | cps |
| Vanadium | 51-2 | 217 | 183 | 220 | 207 | 9.81 | cps |
| Yttrium | 89-1 | 13420849 | 13463121 | 13405934 | 13429968 | 0.22 | cps |
| Yttrium | 89-2 | 3278137 | 3228285 | 3242973 | 3249798 | 0.79 | cps |
| Zinc | 66-2 | 557 | 597 | 617 | 590 | 5.18 | cps |
| Zirconium | 90-1 | 1597 | 1627 | 1487 | 1570 | 4.70 | cps |
| Zirconium | 91-1 | 420 | 367 | 337 | 374 | 11.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8378270 | 8299258 | 8247415 | 8308314 | 0.79 | cps |
| Antimony | 121-1 | 11254 | 12089 | 11972 | 11772 | 3.84 | cps |
| Arsenic | 75-2 | 41354 | 41514 | 41224 | 41364 | 0.35 | cps |
| Barium | 135-1 | 994499 | 1004505 | 1014254 | 1004419 | 0.98 | cps |
| Barium | 137-1 | 1829346 | 1877222 | 1887555 | 1864707 | 1.67 | cps |
| Beryllium | 9-1 | 1795 | 1878 | 1822 | 1832 | 2.32 | cps |
| Bismuth | 209-1 | 7171295 | 6983092 | 7000741 | 7051709 | 1.47 | cps |
| Bismuth | 209-2 | 4887115 | 4972715 | 4925951 | 4928594 | 0.87 | cps |
| Bromine | 81-1 | 16636 | 17080 | 17651 | 17122 | 2.97 | cps |
| Bromine | 81-2 | 1300 | 1213 | 1427 | 1313 | 8.17 | cps |
| Cadmium | 108-1 | 407 | 493 | 440 | 447 | 9.79 | cps |
| Cadmium | 106-1 | 3801 | 3821 | 3647 | 3756 | 2.53 | cps |
| Cadmium | 111-1 | 6940 | 7230 | 6772 | 6981 | 3.32 | cps |
| Calcium | 43-1 | 468759 | 483993 | 491380 | 481377 | 2.40 | cps |
| Calcium | 44-1 | 7135682 | 7412366 | 7482027 | 7343359 | 2.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 356541 | 353832 | 355213 | 355196 | 0.38 | cps |
| Cobalt | 59-2 | 266616 | 266847 | 264526 | 265996 | 0.48 | cps |
| Copper | 63-2 | 1333185 | 1327046 | 1324472 | 1328234 | 0.34 | cps |
| Dysprosium | 156-1 | 71364 | 71936 | 72224 | 71841 | 0.61 | cps |
| Dysprosium | 156-2 | 53599 | 53612 | 53675 | 53629 | 0.08 | cps |
| Erbium | 164-1 | 59506 | 59118 | 58940 | 59188 | 0.49 | cps |
| Erbium | 164-2 | 36808 | 36016 | 36147 | 36324 | 1.17 | cps |
| Gadolinium | 160-1 | 67344 | 67334 | 68540 | 67739 | 1.02 | cps |
| Gadolinium | 160-2 | 44671 | 44474 | 45072 | 44739 | 0.68 | cps |
| Holmium | 165-1 | 11555285 | 11366542 | 11370737 | 11430855 | 0.94 | cps |
| Holmium | 165-2 | 7042272 | 6835305 | 6872345 | 6916641 | 1.60 | cps |
| Indium | 115-1 | 8567944 | 8675337 | 8625056 | 8622779 | 0.62 | cps |
| Indium | 115-2 | 2670686 | 2677460 | 2660773 | 2669639 | 0.31 | cps |
| Iron | 56-2 | 271355049 | 269002596 | 268384049 | 269580565 | 0.58 | cps |
| Iron | 57-2 | 6706264 | 6636647 | 6609629 | 6650846 | 0.75 | cps |
| Iron | 54-2 | 14783947 | 14668892 | 14758177 | 14737005 | 0.41 | cps |
| Krypton | 83-1 | 247 | 257 | 317 | 273 | 13.85 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 533181 | 530582 | 538379 | 534047 | 0.74 | cps |
| Lead | 207-1 | 465603 | 462729 | 463446 | 463926 | 0.32 | cps |
| Lead | 208-1 | 2116069 | 2100016 | 2112994 | 2109693 | 0.40 | cps |
| Lithium | 6-1 | 1366306 | 1356950 | 1329900 | 1351052 | 1.40 | cps |
| Magnesium | 24-2 | 7078096 | 7015842 | 7044119 | 7046019 | 0.44 | cps |
| Manganese | 55-2 | 6450752 | 6401612 | 6334194 | 6395519 | 0.91 | cps |
| Molybdenum | 94-1 | 61907 | 63349 | 63430 | 62895 | 1.36 | cps |
| Molybdenum | 95-1 | 8939 | 9136 | 9226 | 9101 | 1.61 | cps |
| Molybdenum | 96-1 | 22921 | 23229 | 23322 | 23157 | 0.91 | cps |
| Molybdenum | 97-1 | 5344 | 5298 | 5531 | 5391 | 2.29 | cps |
| Molybdenum | 98-1 | 13566 | 14244 | 14337 | 14049 | 2.99 | cps |
| Neodymium | 150-1 | 126650 | 128909 | 129431 | 128330 | 1.15 | cps |
| Neodymium | 150-2 | 67092 | 66178 | 65943 | 66404 | 0.91 | cps |
| Nickel | 60-2 | 123349 | 122055 | 122028 | 122477 | 0.62 | cps |
| Phosphorus | 31-2 | 32191 | 31857 | 32134 | 32060 | 0.56 | cps |
| Potassium | 39-2 | 6134697 | 6044132 | 6043889 | 6074239 | 0.86 | cps |
| Rhodium | 103-1 | 7853616 | 7899004 | 7955991 | 7902870 | 0.65 | cps |
| Rhodium | 103-2 | 4599545 | 4635582 | 4636915 | 4624014 | 0.46 | cps |
| Scandium | 45-1 | 4863601 | 5008071 | 5052888 | 4974853 | 1.99 | cps |
| Scandium | 45-2 | 446441 | 445659 | 443508 | 445202 | 0.34 | cps |
| Selenium | 82-1 | 760 | 819 | 753 | 777 | 4.68 | cps |
| Selenium | 77-2 | 310 | 273 | 270 | 284 | 7.80 | cps |
| Selenium | 78-2 | 497 | 500 | 520 | 506 | 2.50 | cps |
| Silicon | 28-1 | 32769002 | 33582615 | 33973707 | 33441775 | 1.84 | cps |
| Silver | 107-1 | 9403 | 9466 | 9133 | 9334 | 1.90 | cps |
| Silver | 109-1 | 9030 | 8446 | 8453 | 8643 | 3.88 | cps |
| Sodium | 23-2 | 205250 | 205381 | 204080 | 204904 | 0.35 | cps |
| Strontium | 86-1 | 270296 | 278002 | 279691 | 275996 | 1.81 | cps |
| Strontium | 88-1 | 2461798 | 2496405 | 2546361 | 2501521 | 1.70 | cps |
| Sulfur | 34-1 | 170466 | 168073 | 161459 | 166666 | 2.80 | cps |
| Terbium | 159-1 | 11642172 | 11753388 | 11654659 | 11683406 | 0.52 | cps |
| Terbium | 159-2 | 6908058 | 6940956 | 6897355 | 6915456 | 0.33 | cps |
| Thallium | 203-1 | 4354 | 4271 | 4121 | 4248 | 2.78 | cps |
| Thallium | 205-1 | 10237 | 9714 | 9180 | 9710 | 5.44 | cps |
| Tin | 118-1 | 23690 | 24851 | 25222 | 24588 | 3.25 | cps |
| Titanium | 47-1 | 1193028 | 1239458 | 1257209 | 1229898 | 2.69 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:21:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31531 | 32045 | 32169 | 31915 | 1.06 | cps |
| Vanadium | 51-2 | 526802 | 524439 | 525921 | 525720 | 0.23 | cps |
| Yttrium | 89-1 | 14842286 | 15053397 | 15069519 | 14988401 | 0.85 | cps |
| Yttrium | 89-2 | 3630146 | 3506430 | 3570105 | 3568894 | 1.73 | cps |
| Zinc | 66-2 | 205267 | 203446 | 201426 | 203380 | 0.94 | cps |
| Zirconium | 90-1 | 152595 | 157703 | 160044 | 156781 | 2.43 | cps |
| Zirconium | 91-1 | 34574 | 35894 | 35740 | 35403 | 2.04 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8038705 | 8087335 | 8049777 | 8058606 | 0.32 | cps |
| Antimony | 121-1 | 10027 | 10531 | 10347 | 10302 | 2.47 | cps |
| Arsenic | 75-2 | 35546 | 35586 | 34587 | 35240 | 1.60 | cps |
| Barium | 135-1 | 1059498 | 1074889 | 1068155 | 1067514 | 0.72 | cps |
| Barium | 137-1 | 1985934 | 2000334 | 1979886 | 1988718 | 0.53 | cps |
| Beryllium | 9-1 | 1922 | 1972 | 1817 | 1904 | 4.17 | cps |
| Bismuth | 209-1 | 7031126 | 5961618 | 7021074 | 6671273 | 9.21 | cps |
| Bismuth | 209-2 | 4806677 | 4863411 | 4836147 | 4835411 | 0.59 | cps |
| Bromine | 81-1 | 20367 | 20715 | 21486 | 20856 | 2.74 | cps |
| Bromine | 81-2 | 1833 | 1823 | 1727 | 1795 | 3.28 | cps |
| Cadmium | 108-1 | 357 | 370 | 363 | 363 | 1.84 | cps |
| Cadmium | 106-1 | 3497 | 3084 | 3374 | 3318 | 6.40 | cps |
| Cadmium | 111-1 | 6006 | 5607 | 5921 | 5844 | 3.60 | cps |
| Calcium | 43-1 | 485903 | 496326 | 495463 | 492564 | 1.17 | cps |
| Calcium | 44-1 | 7398818 | 7611177 | 7418972 | 7476322 | 1.57 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 339983 | 339048 | 338846 | 339292 | 0.18 | cps |
| Cobalt | 59-2 | 267014 | 264996 | 263229 | 265079 | 0.71 | cps |
| Copper | 63-2 | 1097512 | 1098712 | 1097519 | 1097914 | 0.06 | cps |
| Dysprosium | 156-1 | 69045 | 69568 | 71233 | 69949 | 1.63 | cps |
| Dysprosium | 156-2 | 51922 | 51705 | 52176 | 51934 | 0.45 | cps |
| Erbium | 164-1 | 57150 | 58743 | 58351 | 58081 | 1.43 | cps |
| Erbium | 164-2 | 35101 | 34867 | 34436 | 34801 | 0.97 | cps |
| Gadolinium | 160-1 | 65804 | 67247 | 67465 | 66838 | 1.35 | cps |
| Gadolinium | 160-2 | 44056 | 43554 | 42996 | 43535 | 1.22 | cps |
| Holmium | 165-1 | 11290786 | 9538000 | 11243052 | 10690613 | 9.34 | cps |
| Holmium | 165-2 | 6840052 | 6758100 | 6712178 | 6770110 | 0.96 | cps |
| Indium | 115-1 | 8601183 | 7215940 | 8510941 | 8109355 | 9.56 | cps |
| Indium | 115-2 | 2653175 | 2593079 | 2579071 | 2608442 | 1.51 | cps |
| Iron | 56-2 | 246054396 | 246683043 | 247508583 | 246748674 | 0.30 | cps |
| Iron | 57-2 | 6192973 | 6123495 | 6100571 | 6139013 | 0.78 | cps |
| Iron | 54-2 | 13438966 | 13535478 | 13562161 | 13512202 | 0.48 | cps |
| Krypton | 83-1 | 257 | 270 | 273 | 267 | 3.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 427245 | 437064 | 439607 | 434639 | 1.50 | cps |
| Lead | 207-1 | 374830 | 380364 | 379430 | 378208 | 0.78 | cps |
| Lead | 208-1 | 1693780 | 1734251 | 1727433 | 1718488 | 1.26 | cps |
| Lithium | 6-1 | 1328276 | 1129992 | 1294868 | 1251045 | 8.49 | cps |
| Magnesium | 24-2 | 6994852 | 7034151 | 6968474 | 6999159 | 0.47 | cps |
| Manganese | 55-2 | 6628149 | 6678759 | 6665000 | 6657302 | 0.39 | cps |
| Molybdenum | 94-1 | 49584 | 50487 | 50192 | 50088 | 0.92 | cps |
| Molybdenum | 95-1 | 10557 | 11091 | 10794 | 10814 | 2.47 | cps |
| Molybdenum | 96-1 | 22147 | 22841 | 22991 | 22660 | 1.99 | cps |
| Molybdenum | 97-1 | 6525 | 6848 | 6752 | 6708 | 2.48 | cps |
| Molybdenum | 98-1 | 16720 | 17220 | 17244 | 17061 | 1.73 | cps |
| Neodymium | 150-1 | 121582 | 125818 | 124779 | 124060 | 1.78 | cps |
| Neodymium | 150-2 | 65133 | 63793 | 63827 | 64251 | 1.19 | cps |
| Nickel | 60-2 | 115836 | 115491 | 115568 | 115632 | 0.16 | cps |
| Phosphorus | 31-2 | 36587 | 36153 | 36002 | 36247 | 0.84 | cps |
| Potassium | 39-2 | 5683951 | 5700768 | 5694047 | 5692922 | 0.15 | cps |
| Rhodium | 103-1 | 7957324 | 6619290 | 7793787 | 7456800 | 9.79 | cps |
| Rhodium | 103-2 | 4561840 | 4495924 | 4538874 | 4532213 | 0.74 | cps |
| Scandium | 45-1 | 4963324 | 4221816 | 4848564 | 4677901 | 8.53 | cps |
| Scandium | 45-2 | 434546 | 437017 | 432622 | 434728 | 0.51 | cps |
| Selenium | 82-1 | 622 | 628 | 670 | 640 | 4.07 | cps |
| Selenium | 77-2 | 273 | 237 | 223 | 244 | 10.59 | cps |
| Selenium | 78-2 | 470 | 403 | 383 | 419 | 10.83 | cps |
| Silicon | 28-1 | 35720906 | 36857768 | 36292597 | 36290424 | 1.57 | cps |
| Silver | 107-1 | 8262 | 8476 | 8523 | 8420 | 1.65 | cps |
| Silver | 109-1 | 7655 | 7919 | 7889 | 7821 | 1.84 | cps |
| Sodium | 23-2 | 270946 | 271792 | 268945 | 270561 | 0.54 | cps |
| Strontium | 86-1 | 346129 | 353213 | 347875 | 349072 | 1.06 | cps |
| Strontium | 88-1 | 3127699 | 3188592 | 3164084 | 3160125 | 0.97 | cps |
| Sulfur | 34-1 | 160873 | 157054 | 156115 | 158014 | 1.59 | cps |
| Terbium | 159-1 | 11503954 | 9645914 | 11497852 | 10882573 | 9.84 | cps |
| Terbium | 159-2 | 6795058 | 6783510 | 6800485 | 6793018 | 0.13 | cps |
| Thallium | 203-1 | 3544 | 3771 | 3574 | 3629 | 3.39 | cps |
| Thallium | 205-1 | 8680 | 8586 | 8249 | 8505 | 2.66 | cps |
| Tin | 118-1 | 23523 | 23960 | 23249 | 23577 | 1.52 | cps |
| Titanium | 47-1 | 1145165 | 1177484 | 1170723 | 1164457 | 1.46 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:24:58 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30264 | 30913 | 31036 | 30738 | 1.35 | cps |
| Vanadium | 51-2 | 485213 | 480516 | 480973 | 482234 | 0.54 | cps |
| Yttrium | 89-1 | 15261443 | 12761890 | 14660763 | 14228032 | 9.17 | cps |
| Yttrium | 89-2 | 3530964 | 3522862 | 3477771 | 3510532 | 0.82 | cps |
| Zinc | 66-2 | 200906 | 200606 | 199568 | 200360 | 0.35 | cps |
| Zirconium | 90-1 | 117210 | 122193 | 119131 | 119511 | 2.10 | cps |
| Zirconium | 91-1 | 26467 | 26861 | 26487 | 26605 | 0.83 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8676368 | 8579857 | 8522702 | 8592976 | 0.90 | cps |
| Antimony | 121-1 | 10431 | 10754 | 11028 | 10737 | 2.78 | cps |
| Arsenic | 75-2 | 38430 | 37584 | 37561 | 37858 | 1.31 | cps |
| Barium | 135-1 | 1100834 | 1108507 | 1100265 | 1103202 | 0.42 | cps |
| Barium | 137-1 | 2087224 | 2056248 | 2087497 | 2076989 | 0.86 | cps |
| Beryllium | 9-1 | 1478 | 1450 | 1661 | 1530 | 7.50 | cps |
| Bismuth | 209-1 | 6916285 | 7087651 | 7047172 | 7017036 | 1.28 | cps |
| Bismuth | 209-2 | 4825886 | 4815231 | 4714792 | 4785303 | 1.28 | cps |
| Bromine | 81-1 | 18575 | 19620 | 19323 | 19173 | 2.81 | cps |
| Bromine | 81-2 | 1530 | 1490 | 1380 | 1467 | 5.30 | cps |
| Cadmium | 108-1 | 350 | 327 | 367 | 348 | 5.78 | cps |
| Cadmium | 106-1 | 3404 | 3610 | 3124 | 3379 | 7.23 | cps |
| Cadmium | 111-1 | 4678 | 4979 | 4567 | 4741 | 4.50 | cps |
| Calcium | 43-1 | 637651 | 648198 | 652881 | 646243 | 1.21 | cps |
| Calcium | 44-1 | 9818181 | 9969363 | 9883223 | 9890256 | 0.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 456131 | 451097 | 447829 | 451686 | 0.93 | cps |
| Cobalt | 59-2 | 320428 | 317891 | 318474 | 318931 | 0.42 | cps |
| Copper | 63-2 | 974314 | 966308 | 959008 | 966543 | 0.79 | cps |
| Dysprosium | 156-1 | 61942 | 62384 | 62542 | 62290 | 0.50 | cps |
| Dysprosium | 156-2 | 45146 | 45216 | 45343 | 45235 | 0.22 | cps |
| Erbium | 164-1 | 53857 | 53569 | 54328 | 53918 | 0.71 | cps |
| Erbium | 164-2 | 32879 | 31642 | 32174 | 32232 | 1.92 | cps |
| Gadolinium | 160-1 | 59747 | 59030 | 61156 | 59978 | 1.80 | cps |
| Gadolinium | 160-2 | 38636 | 38881 | 38523 | 38680 | 0.47 | cps |
| Holmium | 165-1 | 11304874 | 11143009 | 11081741 | 11176541 | 1.03 | cps |
| Holmium | 165-2 | 6798800 | 6848478 | 6586724 | 6744667 | 2.06 | cps |
| Indium | 115-1 | 8538023 | 8477362 | 8438980 | 8484788 | 0.59 | cps |
| Indium | 115-2 | 2591663 | 2606324 | 2566977 | 2588322 | 0.77 | cps |
| Iron | 56-2 | 288328516 | 285448422 | 284575849 | 286117596 | 0.69 | cps |
| Iron | 57-2 | 7112998 | 7128347 | 7045267 | 7095537 | 0.62 | cps |
| Iron | 54-2 | 15723335 | 15812422 | 15662361 | 15732706 | 0.48 | cps |
| Krypton | 83-1 | 263 | 330 | 280 | 291 | 11.92 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 315059 | 321248 | 322692 | 319666 | 1.27 | cps |
| Lead | 207-1 | 274099 | 275095 | 280558 | 276584 | 1.26 | cps |
| Lead | 208-1 | 1244522 | 1260157 | 1262150 | 1255610 | 0.77 | cps |
| Lithium | 6-1 | 1312627 | 1330581 | 1289857 | 1311022 | 1.56 | cps |
| Magnesium | 24-2 | 9276903 | 9236601 | 9151509 | 9221671 | 0.69 | cps |
| Manganese | 55-2 | 8087893 | 8093620 | 8074691 | 8085401 | 0.12 | cps |
| Molybdenum | 94-1 | 48256 | 49741 | 48761 | 48919 | 1.54 | cps |
| Molybdenum | 95-1 | 8473 | 8779 | 8643 | 8632 | 1.78 | cps |
| Molybdenum | 96-1 | 20237 | 20678 | 20751 | 20556 | 1.35 | cps |
| Molybdenum | 97-1 | 5338 | 5271 | 5038 | 5215 | 3.02 | cps |
| Molybdenum | 98-1 | 13199 | 13126 | 12899 | 13075 | 1.20 | cps |
| Neodymium | 150-1 | 107163 | 107630 | 109092 | 107962 | 0.93 | cps |
| Neodymium | 150-2 | 54445 | 54408 | 55321 | 54725 | 0.95 | cps |
| Nickel | 60-2 | 153823 | 154103 | 154214 | 154047 | 0.13 | cps |
| Phosphorus | 31-2 | 31840 | 32137 | 31412 | 31796 | 1.15 | cps |
| Potassium | 39-2 | 4562850 | 4506243 | 4464929 | 4511341 | 1.09 | cps |
| Rhodium | 103-1 | 7911725 | 7812069 | 7821508 | 7848434 | 0.70 | cps |
| Rhodium | 103-2 | 4491169 | 4542313 | 4466764 | 4500082 | 0.86 | cps |
| Scandium | 45-1 | 4927673 | 4846504 | 4895496 | 4889891 | 0.84 | cps |
| Scandium | 45-2 | 427305 | 431393 | 428813 | 429170 | 0.48 | cps |
| Selenium | 82-1 | 637 | 521 | 619 | 592 | 10.55 | cps |
| Selenium | 77-2 | 187 | 200 | 173 | 187 | 7.14 | cps |
| Selenium | 78-2 | 427 | 430 | 417 | 424 | 1.63 | cps |
| Silicon | 28-1 | 29077120 | 29301239 | 29422977 | 29267112 | 0.60 | cps |
| Silver | 107-1 | 5054 | 4944 | 5188 | 5062 | 2.41 | cps |
| Silver | 109-1 | 4701 | 4754 | 5088 | 4848 | 4.32 | cps |
| Sodium | 23-2 | 278599 | 277974 | 275756 | 277443 | 0.54 | cps |
| Strontium | 86-1 | 393527 | 400703 | 397441 | 397224 | 0.90 | cps |
| Strontium | 88-1 | 3580708 | 3611423 | 3575021 | 3589050 | 0.55 | cps |
| Sulfur | 34-1 | 153798 | 153771 | 154286 | 153952 | 0.19 | cps |
| Terbium | 159-1 | 11452712 | 11301557 | 11290009 | 11348093 | 0.80 | cps |
| Terbium | 159-2 | 6749449 | 6726090 | 6723330 | 6732956 | 0.21 | cps |
| Thallium | 203-1 | 3010 | 2850 | 2880 | 2914 | 2.92 | cps |
| Thallium | 205-1 | 7195 | 7239 | 6838 | 7091 | 3.10 | cps |
| Tin | 118-1 | 22851 | 22705 | 23386 | 22981 | 1.56 | cps |
| Titanium | 47-1 | 1129576 | 1151959 | 1153244 | 1144926 | 1.16 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:28:04 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25064 | 24830 | 25668 | 25187 | 1.72 | cps |
| Vanadium | 51-2 | 628027 | 621758 | 616528 | 622105 | 0.93 | cps |
| Yttrium | 89-1 | 14883986 | 14832489 | 14717135 | 14811203 | 0.58 | cps |
| Yttrium | 89-2 | 3498882 | 3490291 | 3442412 | 3477195 | 0.88 | cps |
| Zinc | 66-2 | 149079 | 147493 | 147140 | 147904 | 0.70 | cps |
| Zirconium | 90-1 | 119225 | 119696 | 119653 | 119525 | 0.22 | cps |
| Zirconium | 91-1 | 26544 | 27382 | 27366 | 27097 | 1.77 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7441447 | 7420339 | 7363579 | 7408455 | 0.54 | cps |
| Antimony | 121-1 | 6895 | 7055 | 7219 | 7056 | 2.29 | cps |
| Arsenic | 75-2 | 29005 | 28477 | 28320 | 28601 | 1.25 | cps |
| Barium | 135-1 | 1107817 | 1120603 | 1127689 | 1118703 | 0.90 | cps |
| Barium | 137-1 | 2063742 | 2096375 | 2064103 | 2074740 | 0.90 | cps |
| Beryllium | 9-1 | 1967 | 1817 | 1995 | 1926 | 4.97 | cps |
| Bismuth | 209-1 | 6879011 | 6953039 | 6834016 | 6888689 | 0.87 | cps |
| Bismuth | 209-2 | 4673439 | 4702763 | 4731920 | 4702707 | 0.62 | cps |
| Bromine | 81-1 | 15598 | 16319 | 16526 | 16148 | 3.02 | cps |
| Bromine | 81-2 | 1187 | 1133 | 1150 | 1157 | 2.36 | cps |
| Cadmium | 108-1 | 273 | 273 | 267 | 271 | 1.42 | cps |
| Cadmium | 106-1 | 3164 | 3344 | 3384 | 3297 | 3.56 | cps |
| Cadmium | 111-1 | 3370 | 3373 | 3515 | 3419 | 2.43 | cps |
| Calcium | 43-1 | 815307 | 828655 | 836280 | 826747 | 1.28 | cps |
| Calcium | 44-1 | 12481270 | 12635694 | 12620065 | 12579010 | 0.68 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 301960 | 303874 | 301273 | 302369 | 0.45 | cps |
| Cobalt | 59-2 | 241647 | 239208 | 240422 | 240426 | 0.51 | cps |
| Copper | 63-2 | 470321 | 469430 | 468208 | 469320 | 0.23 | cps |
| Dysprosium | 156-1 | 75495 | 76513 | 77981 | 76663 | 1.63 | cps |
| Dysprosium | 156-2 | 56891 | 57025 | 57541 | 57152 | 0.60 | cps |
| Erbium | 164-1 | 62077 | 62529 | 62596 | 62401 | 0.45 | cps |
| Erbium | 164-2 | 37938 | 38088 | 37674 | 37900 | 0.55 | cps |
| Gadolinium | 160-1 | 71880 | 72252 | 72318 | 72150 | 0.33 | cps |
| Gadolinium | 160-2 | 46480 | 46808 | 46985 | 46758 | 0.55 | cps |
| Holmium | 165-1 | 11046132 | 10976361 | 10824848 | 10949114 | 1.03 | cps |
| Holmium | 165-2 | 6616405 | 6609409 | 6631617 | 6619144 | 0.17 | cps |
| Indium | 115-1 | 8343029 | 8301215 | 8345739 | 8329994 | 0.30 | cps |
| Indium | 115-2 | 2565916 | 2551740 | 2593854 | 2570503 | 0.83 | cps |
| Iron | 56-2 | 225712330 | 225966330 | 226422457 | 226033706 | 0.16 | cps |
| Iron | 57-2 | 5617611 | 5640842 | 5601127 | 5619860 | 0.36 | cps |
| Iron | 54-2 | 12479619 | 12463874 | 12478068 | 12473854 | 0.07 | cps |
| Krypton | 83-1 | 307 | 300 | 270 | 292 | 6.68 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 217751 | 219887 | 221378 | 219672 | 0.83 | cps |
| Lead | 207-1 | 181923 | 181161 | 184136 | 182407 | 0.85 | cps |
| Lead | 208-1 | 838796 | 842702 | 853045 | 844848 | 0.87 | cps |
| Lithium | 6-1 | 1320831 | 1328327 | 1299632 | 1316263 | 1.13 | cps |
| Magnesium | 24-2 | 6539657 | 6530899 | 6539891 | 6536816 | 0.08 | cps |
| Manganese | 55-2 | 5808348 | 5837924 | 5819398 | 5821890 | 0.26 | cps |
| Molybdenum | 94-1 | 73731 | 74994 | 75731 | 74819 | 1.35 | cps |
| Molybdenum | 95-1 | 5778 | 5868 | 5778 | 5808 | 0.90 | cps |
| Molybdenum | 96-1 | 21653 | 21349 | 22297 | 21766 | 2.22 | cps |
| Molybdenum | 97-1 | 3490 | 3540 | 3630 | 3554 | 2.00 | cps |
| Molybdenum | 98-1 | 8769 | 8843 | 8916 | 8843 | 0.83 | cps |
| Neodymium | 150-1 | 134813 | 136365 | 138725 | 136634 | 1.44 | cps |
| Neodymium | 150-2 | 71135 | 70719 | 70435 | 70763 | 0.50 | cps |
| Nickel | 60-2 | 119951 | 118934 | 118635 | 119173 | 0.58 | cps |
| Phosphorus | 31-2 | 26276 | 26500 | 26997 | 26591 | 1.39 | cps |
| Potassium | 39-2 | 3711284 | 3738062 | 3722891 | 3724079 | 0.36 | cps |
| Rhodium | 103-1 | 7616548 | 7565667 | 7461046 | 7547754 | 1.05 | cps |
| Rhodium | 103-2 | 4403146 | 4456483 | 4484537 | 4448055 | 0.93 | cps |
| Scandium | 45-1 | 4652087 | 4670095 | 4641815 | 4654666 | 0.31 | cps |
| Scandium | 45-2 | 414177 | 414043 | 413261 | 413827 | 0.12 | cps |
| Selenium | 82-1 | 549 | 507 | 595 | 551 | 8.00 | cps |
| Selenium | 77-2 | 280 | 240 | 193 | 238 | 18.24 | cps |
| Selenium | 78-2 | 393 | 417 | 453 | 421 | 7.18 | cps |
| Silicon | 28-1 | 33228224 | 33650662 | 33797687 | 33558858 | 0.88 | cps |
| Silver | 107-1 | 2037 | 1930 | 2284 | 2084 | 8.70 | cps |
| Silver | 109-1 | 1893 | 1957 | 1963 | 1938 | 1.99 | cps |
| Sodium | 23-2 | 215057 | 215702 | 214151 | 214970 | 0.36 | cps |
| Strontium | 86-1 | 334783 | 333041 | 339740 | 335855 | 1.03 | cps |
| Strontium | 88-1 | 3001802 | 3080225 | 3039898 | 3040642 | 1.29 | cps |
| Sulfur | 34-1 | 140707 | 142531 | 142204 | 141814 | 0.69 | cps |
| Terbium | 159-1 | 11156730 | 11232270 | 11234298 | 11207766 | 0.39 | cps |
| Terbium | 159-2 | 6655526 | 6631004 | 6658380 | 6648303 | 0.23 | cps |
| Thallium | 203-1 | 2934 | 3044 | 3160 | 3046 | 3.72 | cps |
| Thallium | 205-1 | 7235 | 7185 | 7399 | 7273 | 1.53 | cps |
| Tin | 118-1 | 19917 | 20138 | 21202 | 20419 | 3.37 | cps |
| Titanium | 47-1 | 1340363 | 1358174 | 1334836 | 1344458 | 0.91 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:31:10 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 29499 | 29683 | 29813 | 29665 | 0.53 | cps |
| Vanadium | 51-2 | 455303 | 448995 | 445435 | 449911 | 1.11 | cps |
| Yttrium | 89-1 | 14402507 | 14513915 | 14403632 | 14440018 | 0.44 | cps |
| Yttrium | 89-2 | 3417812 | 3442232 | 3481406 | 3447150 | 0.93 | cps |
| Zinc | 66-2 | 114407 | 114162 | 115176 | 114582 | 0.46 | cps |
| Zirconium | 90-1 | 192757 | 194861 | 197610 | 195076 | 1.25 | cps |
| Zirconium | 91-1 | 43083 | 44246 | 44514 | 43948 | 1.73 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8254700 | 8259303 | 8257941 | 8257315 | 0.03 | cps |
| Antimony | 121-1 | 5985 | 5971 | 6175 | 6044 | 1.88 | cps |
| Arsenic | 75-2 | 33331 | 33077 | 32516 | 32974 | 1.26 | cps |
| Barium | 135-1 | 1005797 | 1018394 | 1027851 | 1017347 | 1.09 | cps |
| Barium | 137-1 | 1882014 | 1918296 | 1935012 | 1911774 | 1.42 | cps |
| Beryllium | 9-1 | 1939 | 2033 | 1845 | 1939 | 4.87 | cps |
| Bismuth | 209-1 | 6788853 | 6867793 | 5964761 | 6540469 | 7.65 | cps |
| Bismuth | 209-2 | 4733252 | 4731525 | 4708923 | 4724567 | 0.29 | cps |
| Bromine | 81-1 | 17594 | 18251 | 18618 | 18155 | 2.86 | cps |
| Bromine | 81-2 | 1430 | 1563 | 1503 | 1499 | 4.46 | cps |
| Cadmium | 108-1 | 313 | 240 | 313 | 289 | 14.66 | cps |
| Cadmium | 106-1 | 3044 | 3074 | 2607 | 2908 | 8.98 | cps |
| Cadmium | 111-1 | 4445 | 4681 | 4199 | 4441 | 5.42 | cps |
| Calcium | 43-1 | 421818 | 426605 | 425489 | 424637 | 0.59 | cps |
| Calcium | 44-1 | 6404116 | 6458728 | 6430767 | 6431204 | 0.42 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 329017 | 328211 | 329993 | 329074 | 0.27 | cps |
| Cobalt | 59-2 | 257639 | 257948 | 254878 | 256822 | 0.66 | cps |
| Copper | 63-2 | 864250 | 857226 | 858612 | 860029 | 0.43 | cps |
| Dysprosium | 156-1 | 76926 | 78494 | 77676 | 77699 | 1.01 | cps |
| Dysprosium | 156-2 | 57336 | 57574 | 56316 | 57075 | 1.17 | cps |
| Erbium | 164-1 | 66099 | 66627 | 66809 | 66512 | 0.55 | cps |
| Erbium | 164-2 | 39750 | 40783 | 39740 | 40091 | 1.49 | cps |
| Gadolinium | 160-1 | 74564 | 74785 | 76071 | 75140 | 1.08 | cps |
| Gadolinium | 160-2 | 49099 | 49203 | 49343 | 49215 | 0.25 | cps |
| Holmium | 165-1 | 10930743 | 10802716 | 9575555 | 10436338 | 7.17 | cps |
| Holmium | 165-2 | 6599687 | 6807473 | 6631388 | 6679516 | 1.68 | cps |
| Indium | 115-1 | 8139277 | 8226922 | 7302237 | 7889479 | 6.47 | cps |
| Indium | 115-2 | 2511057 | 2517643 | 2550539 | 2526413 | 0.84 | cps |
| Iron | 56-2 | 277076256 | 276581756 | 276738683 | 276798898 | 0.09 | cps |
| Iron | 57-2 | 6840390 | 6852519 | 6881010 | 6857973 | 0.30 | cps |
| Iron | 54-2 | 15135794 | 14960921 | 14986326 | 15027680 | 0.63 | cps |
| Krypton | 83-1 | 297 | 267 | 270 | 278 | 5.92 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 345864 | 354670 | 356543 | 352359 | 1.62 | cps |
| Lead | 207-1 | 298323 | 304569 | 305934 | 302942 | 1.34 | cps |
| Lead | 208-1 | 1359214 | 1386990 | 1389487 | 1378564 | 1.22 | cps |
| Lithium | 6-1 | 1283635 | 1323931 | 1171213 | 1259593 | 6.28 | cps |
| Magnesium | 24-2 | 6808935 | 6636591 | 6616343 | 6687289 | 1.58 | cps |
| Manganese | 55-2 | 5174472 | 5184393 | 5130811 | 5163225 | 0.55 | cps |
| Molybdenum | 94-1 | 46490 | 46958 | 46547 | 46665 | 0.55 | cps |
| Molybdenum | 95-1 | 7289 | 7762 | 7789 | 7613 | 3.70 | cps |
| Molybdenum | 96-1 | 19500 | 19346 | 19597 | 19481 | 0.65 | cps |
| Molybdenum | 97-1 | 4914 | 4607 | 4737 | 4753 | 3.24 | cps |
| Molybdenum | 98-1 | 11755 | 11835 | 11585 | 11725 | 1.09 | cps |
| Neodymium | 150-1 | 135255 | 136372 | 138408 | 136678 | 1.17 | cps |
| Neodymium | 150-2 | 70033 | 69701 | 69313 | 69682 | 0.52 | cps |
| Nickel | 60-2 | 103662 | 101987 | 102037 | 102562 | 0.93 | cps |
| Phosphorus | 31-2 | 28981 | 28804 | 28296 | 28694 | 1.24 | cps |
| Potassium | 39-2 | 5395898 | 5379054 | 5377853 | 5384268 | 0.19 | cps |
| Rhodium | 103-1 | 7558281 | 7552526 | 6565321 | 7225376 | 7.91 | cps |
| Rhodium | 103-2 | 4399198 | 4401900 | 4378530 | 4393209 | 0.29 | cps |
| Scandium | 45-1 | 4583951 | 4608041 | 4036999 | 4409664 | 7.32 | cps |
| Scandium | 45-2 | 409813 | 408602 | 406609 | 408341 | 0.40 | cps |
| Selenium | 82-1 | 570 | 657 | 568 | 598 | 8.46 | cps |
| Selenium | 77-2 | 193 | 267 | 247 | 236 | 16.09 | cps |
| Selenium | 78-2 | 423 | 463 | 443 | 443 | 4.51 | cps |
| Silicon | 28-1 | 32152439 | 32531640 | 32549848 | 32411309 | 0.69 | cps |
| Silver | 107-1 | 4961 | 5011 | 5021 | 4998 | 0.64 | cps |
| Silver | 109-1 | 4851 | 5028 | 4904 | 4928 | 1.84 | cps |
| Sodium | 23-2 | 237901 | 239503 | 237854 | 238419 | 0.39 | cps |
| Strontium | 86-1 | 257373 | 261195 | 261991 | 260186 | 0.95 | cps |
| Strontium | 88-1 | 2349859 | 2354573 | 2372606 | 2359012 | 0.51 | cps |
| Sulfur | 34-1 | 127510 | 123907 | 120372 | 123930 | 2.88 | cps |
| Terbium | 159-1 | 11227763 | 11218488 | 10058182 | 10834811 | 6.21 | cps |
| Terbium | 159-2 | 6721715 | 6725752 | 6632468 | 6693312 | 0.79 | cps |
| Thallium | 203-1 | 3210 | 3120 | 3400 | 3244 | 4.41 | cps |
| Thallium | 205-1 | 8062 | 7912 | 7659 | 7878 | 2.59 | cps |
| Tin | 118-1 | 21356 | 21807 | 21706 | 21623 | 1.10 | cps |
| Titanium | 47-1 | 1278512 | 1290675 | 1304072 | 1291086 | 0.99 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:34:15 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35614 | 35678 | 36446 | 35913 | 1.29 | cps |
| Vanadium | 51-2 | 521986 | 525763 | 520208 | 522652 | 0.54 | cps |
| Yttrium | 89-1 | 14314199 | 14182561 | 12546736 | 13681165 | 7.20 | cps |
| Yttrium | 89-2 | 3401445 | 3366754 | 3412693 | 3393631 | 0.71 | cps |
| Zinc | 66-2 | 154203 | 153780 | 151775 | 153253 | 0.85 | cps |
| Zirconium | 90-1 | 112184 | 114820 | 116260 | 114422 | 1.81 | cps |
| Zirconium | 91-1 | 25412 | 26140 | 26334 | 25962 | 1.87 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9370546 | 9180792 | 9206367 | 9252568 | 1.11 | cps |
| Antimony | 121-1 | 5618 | 6141 | 5848 | 5869 | 4.47 | cps |
| Arsenic | 75-2 | 37588 | 36993 | 37564 | 37381 | 0.90 | cps |
| Barium | 135-1 | 1137686 | 1146294 | 1151955 | 1145312 | 0.63 | cps |
| Barium | 137-1 | 2141640 | 2133879 | 2150269 | 2141929 | 0.38 | cps |
| Beryllium | 9-1 | 2195 | 1917 | 2145 | 2085 | 7.10 | cps |
| Bismuth | 209-1 | 6900572 | 6720944 | 6885816 | 6835778 | 1.46 | cps |
| Bismuth | 209-2 | 4738830 | 4778997 | 4770901 | 4762909 | 0.45 | cps |
| Bromine | 81-1 | 18622 | 19016 | 19950 | 19196 | 3.55 | cps |
| Bromine | 81-2 | 1800 | 1647 | 1700 | 1716 | 4.54 | cps |
| Cadmium | 108-1 | 310 | 290 | 390 | 330 | 16.03 | cps |
| Cadmium | 106-1 | 3117 | 3240 | 3240 | 3199 | 2.23 | cps |
| Cadmium | 111-1 | 5029 | 4842 | 4989 | 4953 | 1.98 | cps |
| Calcium | 43-1 | 467152 | 472008 | 473591 | 470917 | 0.71 | cps |
| Calcium | 44-1 | 7103924 | 7226091 | 7234304 | 7188106 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 368099 | 370515 | 369537 | 369384 | 0.33 | cps |
| Cobalt | 59-2 | 317067 | 314215 | 313633 | 314972 | 0.58 | cps |
| Copper | 63-2 | 986309 | 988148 | 978284 | 984247 | 0.53 | cps |
| Dysprosium | 156-1 | 86746 | 87427 | 87030 | 87068 | 0.39 | cps |
| Dysprosium | 156-2 | 64313 | 65140 | 63523 | 64325 | 1.26 | cps |
| Erbium | 164-1 | 74346 | 74256 | 75502 | 74701 | 0.93 | cps |
| Erbium | 164-2 | 45835 | 46226 | 45400 | 45820 | 0.90 | cps |
| Gadolinium | 160-1 | 83513 | 84402 | 85039 | 84318 | 0.91 | cps |
| Gadolinium | 160-2 | 55001 | 55717 | 55178 | 55299 | 0.67 | cps |
| Holmium | 165-1 | 10838116 | 10667960 | 10946547 | 10817541 | 1.30 | cps |
| Holmium | 165-2 | 6719879 | 6783035 | 6628720 | 6710545 | 1.16 | cps |
| Indium | 115-1 | 8182771 | 8054873 | 8209619 | 8149088 | 1.01 | cps |
| Indium | 115-2 | 2544609 | 2484338 | 2548028 | 2525658 | 1.42 | cps |
| Iron | 56-2 | 313113142 | 313825662 | 314760835 | 313899880 | 0.26 | cps |
| Iron | 57-2 | 7713447 | 7770949 | 7774277 | 7752891 | 0.44 | cps |
| Iron | 54-2 | 17185259 | 17123539 | 16915045 | 17074614 | 0.83 | cps |
| Krypton | 83-1 | 257 | 270 | 270 | 266 | 2.90 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 398947 | 398737 | 403006 | 400230 | 0.60 | cps |
| Lead | 207-1 | 336756 | 342615 | 344216 | 341196 | 1.15 | cps |
| Lead | 208-1 | 1547134 | 1569838 | 1571857 | 1562943 | 0.88 | cps |
| Lithium | 6-1 | 1290388 | 1284912 | 1302298 | 1292532 | 0.69 | cps |
| Magnesium | 24-2 | 7726950 | 7697072 | 7779874 | 7734632 | 0.54 | cps |
| Manganese | 55-2 | 6097969 | 6021915 | 6013944 | 6044609 | 0.77 | cps |
| Molybdenum | 94-1 | 38574 | 38554 | 38701 | 38610 | 0.21 | cps |
| Molybdenum | 95-1 | 7835 | 7702 | 7902 | 7813 | 1.30 | cps |
| Molybdenum | 96-1 | 18762 | 18842 | 19346 | 18984 | 1.67 | cps |
| Molybdenum | 97-1 | 4794 | 4888 | 4904 | 4862 | 1.22 | cps |
| Molybdenum | 98-1 | 11525 | 11735 | 12212 | 11824 | 2.98 | cps |
| Neodymium | 150-1 | 148435 | 153286 | 151786 | 151169 | 1.64 | cps |
| Neodymium | 150-2 | 78236 | 77502 | 76999 | 77579 | 0.80 | cps |
| Nickel | 60-2 | 118020 | 115709 | 118360 | 117363 | 1.23 | cps |
| Phosphorus | 31-2 | 32675 | 32361 | 32682 | 32572 | 0.56 | cps |
| Potassium | 39-2 | 6239906 | 6221996 | 6249948 | 6237283 | 0.23 | cps |
| Rhodium | 103-1 | 7387919 | 7286351 | 7440343 | 7371537 | 1.06 | cps |
| Rhodium | 103-2 | 4385548 | 4363775 | 4344616 | 4364646 | 0.47 | cps |
| Scandium | 45-1 | 4547893 | 4468196 | 4587763 | 4534617 | 1.34 | cps |
| Scandium | 45-2 | 412068 | 410076 | 409029 | 410391 | 0.38 | cps |
| Selenium | 82-1 | 698 | 621 | 599 | 639 | 8.08 | cps |
| Selenium | 77-2 | 307 | 287 | 270 | 288 | 6.38 | cps |
| Selenium | 78-2 | 437 | 390 | 433 | 420 | 6.20 | cps |
| Silicon | 28-1 | 29948232 | 30109709 | 30409389 | 30155776 | 0.78 | cps |
| Silver | 107-1 | 8453 | 8963 | 9046 | 8821 | 3.64 | cps |
| Silver | 109-1 | 8326 | 8289 | 8076 | 8230 | 1.64 | cps |
| Sodium | 23-2 | 261170 | 259940 | 259800 | 260303 | 0.29 | cps |
| Strontium | 86-1 | 287739 | 291137 | 291256 | 290044 | 0.69 | cps |
| Strontium | 88-1 | 2604201 | 2684805 | 2642683 | 2643897 | 1.52 | cps |
| Sulfur | 34-1 | 122392 | 120067 | 122267 | 121575 | 1.08 | cps |
| Terbium | 159-1 | 11173554 | 11148393 | 11311753 | 11211233 | 0.78 | cps |
| Terbium | 159-2 | 6763832 | 6655846 | 6507000 | 6642226 | 1.94 | cps |
| Thallium | 203-1 | 3654 | 3447 | 3717 | 3606 | 3.92 | cps |
| Thallium | 205-1 | 8376 | 8429 | 8616 | 8474 | 1.49 | cps |
| Tin | 118-1 | 22120 | 22658 | 22715 | 22498 | 1.46 | cps |
| Titanium | 47-1 | 1276156 | 1278914 | 1288394 | 1281155 | 0.50 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4L2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:37:22 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40297 | 40210 | 40705 | 40404 | 0.65 | cps |
| Vanadium | 51-2 | 583126 | 579524 | 582089 | 581580 | 0.32 | cps |
| Yttrium | 89-1 | 14253719 | 14067631 | 14217936 | 14179762 | 0.70 | cps |
| Yttrium | 89-2 | 3408047 | 3421969 | 3439934 | 3423317 | 0.47 | cps |
| Zinc | 66-2 | 173778 | 173803 | 174008 | 173863 | 0.07 | cps |
| Zirconium | 90-1 | 91895 | 92945 | 93035 | 92625 | 0.68 | cps |
| Zirconium | 91-1 | 20631 | 20428 | 21279 | 20779 | 2.14 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7236278 | 7103993 | 7129213 | 7156495 | 0.98 | cps |
| Antimony | 121-1 | 13169 | 13763 | 13763 | 13565 | 2.53 | cps |
| Arsenic | 75-2 | 39566 | 40321 | 39422 | 39770 | 1.21 | cps |
| Barium | 135-1 | 1085529 | 1102526 | 1105493 | 1097849 | 0.98 | cps |
| Barium | 137-1 | 2032021 | 2101451 | 2105893 | 2079788 | 1.99 | cps |
| Beryllium | 9-1 | 1817 | 1783 | 1839 | 1813 | 1.54 | cps |
| Bismuth | 209-1 | 6853641 | 6878158 | 6866316 | 6866038 | 0.18 | cps |
| Bismuth | 209-2 | 4769756 | 4773086 | 4677101 | 4739981 | 1.15 | cps |
| Bromine | 81-1 | 17404 | 18385 | 18178 | 17989 | 2.88 | cps |
| Bromine | 81-2 | 1433 | 1490 | 1453 | 1459 | 1.97 | cps |
| Cadmium | 108-1 | 233 | 217 | 257 | 236 | 8.53 | cps |
| Cadmium | 106-1 | 3134 | 3137 | 2990 | 3087 | 2.71 | cps |
| Cadmium | 111-1 | 3640 | 3681 | 3297 | 3539 | 5.96 | cps |
| Calcium | 43-1 | 196004 | 197673 | 198163 | 197280 | 0.57 | cps |
| Calcium | 44-1 | 2995210 | 3016255 | 3041961 | 3017809 | 0.78 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 264234 | 262325 | 261101 | 262553 | 0.60 | cps |
| Cobalt | 59-2 | 238811 | 238182 | 241365 | 239453 | 0.70 | cps |
| Copper | 63-2 | 555167 | 551650 | 549366 | 552061 | 0.53 | cps |
| Dysprosium | 156-1 | 68821 | 70194 | 69504 | 69506 | 0.99 | cps |
| Dysprosium | 156-2 | 52565 | 51959 | 53066 | 52530 | 1.06 | cps |
| Erbium | 164-1 | 50879 | 51645 | 52475 | 51666 | 1.54 | cps |
| Erbium | 164-2 | 31566 | 31071 | 31455 | 31364 | 0.83 | cps |
| Gadolinium | 160-1 | 63798 | 65167 | 65546 | 64837 | 1.42 | cps |
| Gadolinium | 160-2 | 42361 | 41287 | 41337 | 41662 | 1.45 | cps |
| Holmium | 165-1 | 10753629 | 10872639 | 10929562 | 10851943 | 0.83 | cps |
| Holmium | 165-2 | 6571741 | 6518993 | 6594158 | 6561631 | 0.59 | cps |
| Indium | 115-1 | 8044463 | 8125702 | 8199213 | 8123126 | 0.95 | cps |
| Indium | 115-2 | 2487950 | 2525031 | 2499838 | 2504273 | 0.76 | cps |
| Iron | 56-2 | 259229316 | 258108803 | 255933983 | 257757367 | 0.65 | cps |
| Iron | 57-2 | 6371308 | 6417110 | 6382118 | 6390179 | 0.37 | cps |
| Iron | 54-2 | 14232826 | 14094646 | 13990011 | 14105828 | 0.86 | cps |
| Krypton | 83-1 | 243 | 263 | 223 | 243 | 8.22 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 234019 | 237989 | 237873 | 236627 | 0.95 | cps |
| Lead | 207-1 | 200585 | 203611 | 204749 | 202981 | 1.06 | cps |
| Lead | 208-1 | 920077 | 931649 | 938579 | 930102 | 1.01 | cps |
| Lithium | 6-1 | 1277851 | 1311881 | 1295193 | 1294975 | 1.31 | cps |
| Magnesium | 24-2 | 5513153 | 5458719 | 5458888 | 5476920 | 0.57 | cps |
| Manganese | 55-2 | 5623970 | 5641924 | 5582368 | 5616087 | 0.54 | cps |
| Molybdenum | 94-1 | 63293 | 62238 | 63142 | 62891 | 0.91 | cps |
| Molybdenum | 95-1 | 4571 | 4491 | 4471 | 4511 | 1.17 | cps |
| Molybdenum | 96-1 | 19366 | 19089 | 18662 | 19039 | 1.86 | cps |
| Molybdenum | 97-1 | 2710 | 2607 | 2707 | 2675 | 2.20 | cps |
| Molybdenum | 98-1 | 6668 | 6575 | 6812 | 6685 | 1.78 | cps |
| Neodymium | 150-1 | 135571 | 136470 | 135595 | 135878 | 0.38 | cps |
| Neodymium | 150-2 | 68978 | 69735 | 69460 | 69391 | 0.55 | cps |
| Nickel | 60-2 | 112908 | 110534 | 111188 | 111543 | 1.10 | cps |
| Phosphorus | 31-2 | 18171 | 18361 | 18141 | 18224 | 0.66 | cps |
| Potassium | 39-2 | 3219547 | 3195064 | 3162495 | 3192369 | 0.90 | cps |
| Rhodium | 103-1 | 7457450 | 7420816 | 7382199 | 7420155 | 0.51 | cps |
| Rhodium | 103-2 | 4360038 | 4380179 | 4343773 | 4361330 | 0.42 | cps |
| Scandium | 45-1 | 4439930 | 4464384 | 4414564 | 4439626 | 0.56 | cps |
| Scandium | 45-2 | 396922 | 397051 | 394802 | 396258 | 0.32 | cps |
| Selenium | 82-1 | 479 | 456 | 483 | 473 | 3.01 | cps |
| Selenium | 77-2 | 273 | 290 | 227 | 263 | 12.47 | cps |
| Selenium | 78-2 | 353 | 393 | 433 | 393 | 10.17 | cps |
| Silicon | 28-1 | 29192175 | 29192026 | 29074295 | 29152832 | 0.23 | cps |
| Silver | 107-1 | 2600 | 2484 | 2560 | 2548 | 2.33 | cps |
| Silver | 109-1 | 2310 | 2134 | 2220 | 2221 | 3.98 | cps |
| Sodium | 23-2 | 85067 | 85388 | 83645 | 84700 | 1.09 | cps |
| Strontium | 86-1 | 208029 | 207883 | 211639 | 209183 | 1.02 | cps |
| Strontium | 88-1 | 1879856 | 1881537 | 1893268 | 1884887 | 0.39 | cps |
| Sulfur | 34-1 | 112054 | 111382 | 110533 | 111323 | 0.68 | cps |
| Terbium | 159-1 | 11040407 | 11157049 | 11044087 | 11080514 | 0.60 | cps |
| Terbium | 159-2 | 6688912 | 6589488 | 6484900 | 6587766 | 1.55 | cps |
| Thallium | 203-1 | 3144 | 3204 | 3074 | 3140 | 2.07 | cps |
| Thallium | 205-1 | 7399 | 7776 | 7395 | 7523 | 2.91 | cps |
| Tin | 118-1 | 17688 | 18258 | 18145 | 18030 | 1.68 | cps |
| Titanium | 47-1 | 973407 | 981068 | 982163 | 978879 | 0.49 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:40:26 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31384 | 32239 | 32556 | 32060 | 1.89 | cps |
| Vanadium | 51-2 | 480889 | 479891 | 476440 | 479073 | 0.49 | cps |
| Yttrium | 89-1 | 13739684 | 13923929 | 13644464 | 13769359 | 1.03 | cps |
| Yttrium | 89-2 | 3316218 | 3322853 | 3354316 | 3331129 | 0.61 | cps |
| Zinc | 66-2 | 110747 | 111090 | 110196 | 110677 | 0.41 | cps |
| Zirconium | 90-1 | 162157 | 165133 | 164914 | 164068 | 1.01 | cps |
| Zirconium | 91-1 | 36669 | 36759 | 37301 | 36910 | 0.93 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13079421 | 12974781 | 12969592 | 13007931 | 0.48 | cps |
| Antimony | 121-1 | 14140 | 14040 | 14170 | 14117 | 0.48 | cps |
| Arsenic | 75-2 | 97581 | 97843 | 98114 | 97846 | 0.27 | cps |
| Barium | 135-1 | 1471328 | 1612736 | 1602359 | 1562141 | 5.05 | cps |
| Barium | 137-1 | 2757909 | 2751903 | 2808136 | 2772649 | 1.11 | cps |
| Beryllium | 9-1 | 1595 | 1695 | 1717 | 1669 | 3.90 | cps |
| Bismuth | 209-1 | 6460461 | 6458442 | 6515321 | 6478075 | 0.50 | cps |
| Bismuth | 209-2 | 4434975 | 4384235 | 4444527 | 4421246 | 0.73 | cps |
| Bromine | 81-1 | 11134 | 11331 | 10921 | 11129 | 1.84 | cps |
| Bromine | 81-2 | 433 | 423 | 363 | 407 | 9.31 | cps |
| Cadmium | 108-1 | 270 | 217 | 233 | 240 | 11.37 | cps |
| Cadmium | 106-1 | 3407 | 3154 | 3157 | 3239 | 4.49 | cps |
| Cadmium | 111-1 | 3286 | 3013 | 3080 | 3126 | 4.56 | cps |
| Calcium | 43-1 | 4148753 | 4096720 | 4162963 | 4136145 | 0.84 | cps |
| Calcium | 44-1 | 67252657 | 67051959 | 67600137 | 67301585 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3699299 | 3635334 | 3647609 | 3660748 | 0.93 | cps |
| Cobalt | 59-2 | 873533 | 868025 | 864818 | 868792 | 0.51 | cps |
| Copper | 63-2 | 1049986 | 1047489 | 1044517 | 1047330 | 0.26 | cps |
| Dysprosium | 156-1 | 80636 | 82031 | 81763 | 81477 | 0.91 | cps |
| Dysprosium | 156-2 | 54251 | 54753 | 54452 | 54485 | 0.46 | cps |
| Erbium | 164-1 | 83779 | 85513 | 85640 | 84977 | 1.22 | cps |
| Erbium | 164-2 | 51070 | 51253 | 50919 | 51081 | 0.33 | cps |
| Gadolinium | 160-1 | 85730 | 87172 | 85747 | 86216 | 0.96 | cps |
| Gadolinium | 160-2 | 55499 | 54877 | 54680 | 55019 | 0.78 | cps |
| Holmium | 165-1 | 10529181 | 10698518 | 10580003 | 10602567 | 0.82 | cps |
| Holmium | 165-2 | 6352249 | 6301179 | 6361609 | 6338346 | 0.51 | cps |
| Indium | 115-1 | 7656664 | 7819656 | 7694220 | 7723513 | 1.11 | cps |
| Indium | 115-2 | 2353894 | 2352469 | 2357630 | 2354664 | 0.11 | cps |
| Iron | 56-2 | 592566578 | 579160351 | 578121698 | 583282876 | 1.38 | cps |
| Iron | 57-2 | 14521758 | 14569309 | 14354203 | 14481756 | 0.78 | cps |
| Iron | 54-2 | 32177108 | 31830571 | 31923429 | 31977036 | 0.56 | cps |
| Krypton | 83-1 | 323 | 237 | 283 | 281 | 15.43 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 70846 | 72860 | 71550 | 71752 | 1.42 | cps |
| Lead | 207-1 | 61190 | 62165 | 62174 | 61843 | 0.91 | cps |
| Lead | 208-1 | 279747 | 284207 | 284109 | 282688 | 0.90 | cps |
| Lithium | 6-1 | 1243241 | 1224604 | 1184730 | 1217525 | 2.46 | cps |
| Magnesium | 24-2 | 23145167 | 22829904 | 22933253 | 22969441 | 0.70 | cps |
| Manganese | 55-2 | 21021372 | 20688478 | 20809894 | 20839915 | 0.81 | cps |
| Molybdenum | 94-1 | 44056 | 44852 | 44648 | 44518 | 0.93 | cps |
| Molybdenum | 95-1 | 7042 | 6845 | 7158 | 7015 | 2.26 | cps |
| Molybdenum | 96-1 | 22841 | 22768 | 22387 | 22665 | 1.08 | cps |
| Molybdenum | 97-1 | 4044 | 4031 | 4094 | 4056 | 0.82 | cps |
| Molybdenum | 98-1 | 10060 | 9887 | 9900 | 9949 | 0.97 | cps |
| Neodymium | 150-1 | 103372 | 104305 | 102754 | 103477 | 0.75 | cps |
| Neodymium | 150-2 | 52782 | 51992 | 52390 | 52388 | 0.75 | cps |
| Nickel | 60-2 | 896079 | 887456 | 887180 | 890238 | 0.57 | cps |
| Phosphorus | 31-2 | 15141 | 14794 | 14981 | 14972 | 1.16 | cps |
| Potassium | 39-2 | 546092 | 543349 | 541967 | 543803 | 0.39 | cps |
| Rhodium | 103-1 | 6915449 | 6891342 | 6867148 | 6891313 | 0.35 | cps |
| Rhodium | 103-2 | 4099547 | 4048298 | 4001278 | 4049708 | 1.21 | cps |
| Scandium | 45-1 | 4709419 | 4703140 | 4713763 | 4708774 | 0.11 | cps |
| Scandium | 45-2 | 419534 | 419585 | 417223 | 418781 | 0.32 | cps |
| Selenium | 82-1 | 566 | 623 | 523 | 570 | 8.78 | cps |
| Selenium | 77-2 | 233 | 213 | 263 | 237 | 10.63 | cps |
| Selenium | 78-2 | 373 | 343 | 347 | 354 | 4.64 | cps |
| Silicon | 28-1 | 29103024 | 29204196 | 29147392 | 29151537 | 0.17 | cps |
| Silver | 107-1 | 923 | 790 | 927 | 880 | 8.86 | cps |
| Silver | 109-1 | 657 | 783 | 843 | 761 | 12.52 | cps |
| Sodium | 23-2 | 142701 | 141941 | 143296 | 142646 | 0.48 | cps |
| Strontium | 86-1 | 489634 | 497648 | 496276 | 494519 | 0.87 | cps |
| Strontium | 88-1 | 4476677 | 4491372 | 4541949 | 4503333 | 0.76 | cps |
| Sulfur | 34-1 | 153237 | 150988 | 147991 | 150739 | 1.75 | cps |
| Terbium | 159-1 | 10789077 | 10932251 | 10893458 | 10871595 | 0.68 | cps |
| Terbium | 159-2 | 6287835 | 6233532 | 6441187 | 6320851 | 1.70 | cps |
| Thallium | 203-1 | 2324 | 2530 | 2594 | 2482 | 5.69 | cps |
| Thallium | 205-1 | 6161 | 5978 | 6121 | 6087 | 1.58 | cps |
| Tin | 118-1 | 16106 | 16633 | 16633 | 16457 | 1.85 | cps |
| Titanium | 47-1 | 1776262 | 1770759 | 1782689 | 1776570 | 0.34 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:43:34 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24486 | 24710 | 25601 | 24932 | 2.37 | cps |
| Vanadium | 51-2 | 1509732 | 1529248 | 1528045 | 1522342 | 0.72 | cps |
| Yttrium | 89-1 | 13666749 | 13680573 | 13559449 | 13635590 | 0.49 | cps |
| Yttrium | 89-2 | 3289727 | 3267002 | 3218406 | 3258378 | 1.12 | cps |
| Zinc | 66-2 | 148156 | 147106 | 148638 | 147967 | 0.53 | cps |
| Zirconium | 90-1 | 107675 | 109517 | 109168 | 108787 | 0.90 | cps |
| Zirconium | 91-1 | 24728 | 25035 | 24945 | 24902 | 0.63 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10722732 | 10572580 | 10671487 | 10655599 | 0.72 | cps |
| Antimony | 121-1 | 12402 | 12569 | 12909 | 12627 | 2.05 | cps |
| Arsenic | 75-2 | 56755 | 56514 | 57210 | 56826 | 0.62 | cps |
| Barium | 135-1 | 1695271 | 1688652 | 1761775 | 1715233 | 2.36 | cps |
| Barium | 137-1 | 2920178 | 3004620 | 2998337 | 2974378 | 1.58 | cps |
| Beryllium | 9-1 | 2550 | 2372 | 2461 | 2461 | 3.61 | cps |
| Bismuth | 209-1 | 6229427 | 6827668 | 6826752 | 6627949 | 5.21 | cps |
| Bismuth | 209-2 | 4680640 | 4590752 | 4612314 | 4627902 | 1.01 | cps |
| Bromine | 81-1 | 14888 | 16012 | 16212 | 15704 | 4.55 | cps |
| Bromine | 81-2 | 1187 | 1310 | 1137 | 1211 | 7.37 | cps |
| Cadmium | 108-1 | 673 | 583 | 577 | 611 | 8.84 | cps |
| Cadmium | 106-1 | 3507 | 3754 | 4001 | 3754 | 6.57 | cps |
| Cadmium | 111-1 | 7001 | 7497 | 7871 | 7456 | 5.85 | cps |
| Calcium | 43-1 | 322630 | 334887 | 339245 | 332254 | 2.59 | cps |
| Calcium | 44-1 | 4913778 | 5132594 | 5123449 | 5056607 | 2.45 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 429817 | 426342 | 424057 | 426739 | 0.68 | cps |
| Cobalt | 59-2 | 356138 | 357688 | 357476 | 357101 | 0.24 | cps |
| Copper | 63-2 | 1338326 | 1336523 | 1339578 | 1338142 | 0.11 | cps |
| Dysprosium | 156-1 | 94441 | 95858 | 97059 | 95786 | 1.37 | cps |
| Dysprosium | 156-2 | 71578 | 71889 | 72285 | 71917 | 0.49 | cps |
| Erbium | 164-1 | 74195 | 74346 | 75073 | 74538 | 0.63 | cps |
| Erbium | 164-2 | 45290 | 45397 | 44999 | 45229 | 0.46 | cps |
| Gadolinium | 160-1 | 87689 | 88893 | 90969 | 89184 | 1.86 | cps |
| Gadolinium | 160-2 | 57775 | 58311 | 57966 | 58017 | 0.47 | cps |
| Holmium | 165-1 | 9790833 | 11067539 | 10771644 | 10543339 | 6.34 | cps |
| Holmium | 165-2 | 6707526 | 6536131 | 6647821 | 6630493 | 1.31 | cps |
| Indium | 115-1 | 7182733 | 8166320 | 8190019 | 7846357 | 7.33 | cps |
| Indium | 115-2 | 2508285 | 2505607 | 2493289 | 2502394 | 0.32 | cps |
| Iron | 56-2 | 349640368 | 344158608 | 344131915 | 345976964 | 0.92 | cps |
| Iron | 57-2 | 8665688 | 8558718 | 8490083 | 8571496 | 1.03 | cps |
| Iron | 54-2 | 18917000 | 18861731 | 18685185 | 18821305 | 0.64 | cps |
| Krypton | 83-1 | 310 | 273 | 290 | 291 | 6.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 747477 | 736791 | 749680 | 744649 | 0.93 | cps |
| Lead | 207-1 | 639318 | 651429 | 655004 | 648584 | 1.27 | cps |
| Lead | 208-1 | 2922948 | 3193058 | 2973492 | 3029833 | 4.74 | cps |
| Lithium | 6-1 | 1099235 | 1254837 | 1228456 | 1194176 | 6.97 | cps |
| Magnesium | 24-2 | 8894906 | 8771100 | 8914438 | 8860148 | 0.88 | cps |
| Manganese | 55-2 | 9851049 | 9774855 | 9816643 | 9814182 | 0.39 | cps |
| Molybdenum | 94-1 | 100307 | 104774 | 105519 | 103534 | 2.72 | cps |
| Molybdenum | 95-1 | 6665 | 6438 | 6832 | 6645 | 2.97 | cps |
| Molybdenum | 96-1 | 27836 | 28678 | 28942 | 28486 | 2.03 | cps |
| Molybdenum | 97-1 | 3757 | 4034 | 4117 | 3969 | 4.75 | cps |
| Molybdenum | 98-1 | 9813 | 10007 | 10180 | 10000 | 1.84 | cps |
| Neodymium | 150-1 | 179107 | 186141 | 183707 | 182985 | 1.95 | cps |
| Neodymium | 150-2 | 95347 | 94148 | 95725 | 95073 | 0.87 | cps |
| Nickel | 60-2 | 175180 | 173231 | 176230 | 174880 | 0.87 | cps |
| Phosphorus | 31-2 | 31523 | 31218 | 31138 | 31293 | 0.65 | cps |
| Potassium | 39-2 | 5449684 | 5443704 | 5430113 | 5441167 | 0.18 | cps |
| Rhodium | 103-1 | 6578007 | 7255296 | 7403007 | 7078770 | 6.21 | cps |
| Rhodium | 103-2 | 4293911 | 4386496 | 4381232 | 4353879 | 1.19 | cps |
| Scandium | 45-1 | 4090364 | 4634374 | 4589263 | 4438000 | 6.80 | cps |
| Scandium | 45-2 | 419451 | 415268 | 419074 | 417931 | 0.55 | cps |
| Selenium | 82-1 | 576 | 614 | 582 | 591 | 3.48 | cps |
| Selenium | 77-2 | 387 | 270 | 347 | 334 | 17.73 | cps |
| Selenium | 78-2 | 477 | 487 | 420 | 461 | 7.80 | cps |
| Silicon | 28-1 | 33459974 | 34938493 | 35536310 | 34644926 | 3.09 | cps |
| Silver | 107-1 | 8403 | 8919 | 9070 | 8797 | 3.98 | cps |
| Silver | 109-1 | 8236 | 8202 | 8499 | 8312 | 1.96 | cps |
| Sodium | 23-2 | 133606 | 132100 | 132662 | 132790 | 0.57 | cps |
| Strontium | 86-1 | 302258 | 312570 | 318552 | 311127 | 2.65 | cps |
| Strontium | 88-1 | 2728588 | 2859366 | 2874111 | 2820688 | 2.84 | cps |
| Sulfur | 34-1 | 134304 | 135417 | 134183 | 134634 | 0.51 | cps |
| Terbium | 159-1 | 10156986 | 11162100 | 11146159 | 10821748 | 5.32 | cps |
| Terbium | 159-2 | 6453223 | 6626872 | 6625408 | 6568501 | 1.52 | cps |
| Thallium | 203-1 | 5458 | 5728 | 5785 | 5657 | 3.09 | cps |
| Thallium | 205-1 | 13580 | 13760 | 13650 | 13664 | 0.66 | cps |
| Tin | 118-1 | 29113 | 30131 | 32112 | 30452 | 5.01 | cps |
| Titanium | 47-1 | 1251589 | 1303569 | 1330410 | 1295189 | 3.09 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:46:35 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 44875 | 44778 | 45083 | 44912 | 0.35 | cps |
| Vanadium | 51-2 | 664051 | 665010 | 659644 | 662901 | 0.43 | cps |
| Yttrium | 89-1 | 12615139 | 14256115 | 14167579 | 13679611 | 6.75 | cps |
| Yttrium | 89-2 | 3480705 | 3454475 | 3433821 | 3456334 | 0.68 | cps |
| Zinc | 66-2 | 250305 | 249587 | 248624 | 249505 | 0.34 | cps |
| Zirconium | 90-1 | 262053 | 272308 | 275183 | 269848 | 2.56 | cps |
| Zirconium | 91-1 | 59048 | 61418 | 60876 | 60447 | 2.05 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6321557 | 6292714 | 6256967 | 6290413 | 0.51 | cps |
| Antimony | 121-1 | 17387 | 17955 | 17814 | 17719 | 1.67 | cps |
| Arsenic | 75-2 | 42691 | 42985 | 42725 | 42800 | 0.38 | cps |
| Barium | 135-1 | 1004219 | 1019276 | 1017657 | 1013717 | 0.82 | cps |
| Barium | 137-1 | 1887076 | 1918018 | 1900189 | 1901761 | 0.82 | cps |
| Beryllium | 9-1 | 1445 | 1595 | 1572 | 1537 | 5.27 | cps |
| Bismuth | 209-1 | 6858012 | 6978014 | 6936681 | 6924235 | 0.88 | cps |
| Bismuth | 209-2 | 4740349 | 4024416 | 4832234 | 4532333 | 9.76 | cps |
| Bromine | 81-1 | 13099 | 13503 | 13760 | 13454 | 2.48 | cps |
| Bromine | 81-2 | 597 | 703 | 683 | 661 | 8.58 | cps |
| Cadmium | 108-1 | 440 | 363 | 493 | 432 | 15.12 | cps |
| Cadmium | 106-1 | 3494 | 3247 | 3297 | 3346 | 3.90 | cps |
| Cadmium | 111-1 | 6395 | 6366 | 6583 | 6448 | 1.83 | cps |
| Calcium | 43-1 | 178335 | 179160 | 179460 | 178985 | 0.33 | cps |
| Calcium | 44-1 | 2694549 | 2741746 | 2742340 | 2726212 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 269293 | 272000 | 267340 | 269544 | 0.87 | cps |
| Cobalt | 59-2 | 237230 | 235973 | 233321 | 235508 | 0.85 | cps |
| Copper | 63-2 | 909467 | 913042 | 912319 | 911609 | 0.21 | cps |
| Dysprosium | 156-1 | 59693 | 61390 | 61424 | 60835 | 1.63 | cps |
| Dysprosium | 156-2 | 45607 | 45952 | 45838 | 45799 | 0.38 | cps |
| Erbium | 164-1 | 45614 | 45795 | 46052 | 45820 | 0.48 | cps |
| Erbium | 164-2 | 27844 | 28025 | 27544 | 27804 | 0.87 | cps |
| Gadolinium | 160-1 | 55365 | 56480 | 55596 | 55814 | 1.05 | cps |
| Gadolinium | 160-2 | 36217 | 36471 | 36110 | 36266 | 0.51 | cps |
| Holmium | 165-1 | 10902168 | 10942143 | 10801267 | 10881859 | 0.67 | cps |
| Holmium | 165-2 | 6616634 | 5589557 | 6672031 | 6292741 | 9.69 | cps |
| Indium | 115-1 | 8221136 | 8222610 | 8282813 | 8242186 | 0.43 | cps |
| Indium | 115-2 | 2575052 | 2141330 | 2531905 | 2416096 | 9.89 | cps |
| Iron | 56-2 | 243331036 | 243736490 | 243283096 | 243450207 | 0.10 | cps |
| Iron | 57-2 | 6052038 | 6019162 | 6017338 | 6029513 | 0.32 | cps |
| Iron | 54-2 | 13315893 | 13313474 | 13302004 | 13310457 | 0.06 | cps |
| Krypton | 83-1 | 253 | 173 | 220 | 216 | 18.64 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 573665 | 580036 | 584007 | 579236 | 0.90 | cps |
| Lead | 207-1 | 504598 | 512563 | 514193 | 510451 | 1.01 | cps |
| Lead | 208-1 | 2282465 | 2315840 | 2327822 | 2308709 | 1.02 | cps |
| Lithium | 6-1 | 1214914 | 1232203 | 1230140 | 1225752 | 0.77 | cps |
| Magnesium | 24-2 | 5490146 | 5510797 | 5505098 | 5502013 | 0.19 | cps |
| Manganese | 55-2 | 5516452 | 5568702 | 5602426 | 5562527 | 0.78 | cps |
| Molybdenum | 94-1 | 58356 | 58382 | 59370 | 58703 | 0.98 | cps |
| Molybdenum | 95-1 | 6178 | 5758 | 5811 | 5916 | 3.87 | cps |
| Molybdenum | 96-1 | 19476 | 19767 | 19360 | 19534 | 1.07 | cps |
| Molybdenum | 97-1 | 3754 | 3650 | 3594 | 3666 | 2.21 | cps |
| Molybdenum | 98-1 | 8796 | 8593 | 9346 | 8912 | 4.38 | cps |
| Neodymium | 150-1 | 116456 | 117582 | 117756 | 117265 | 0.60 | cps |
| Neodymium | 150-2 | 60456 | 60322 | 60536 | 60438 | 0.18 | cps |
| Nickel | 60-2 | 110950 | 111716 | 110671 | 111112 | 0.49 | cps |
| Phosphorus | 31-2 | 18802 | 19112 | 18755 | 18890 | 1.03 | cps |
| Potassium | 39-2 | 3241939 | 3269027 | 3259903 | 3256956 | 0.42 | cps |
| Rhodium | 103-1 | 7527577 | 7510278 | 7513383 | 7517079 | 0.12 | cps |
| Rhodium | 103-2 | 4411041 | 3699644 | 4416077 | 4175587 | 9.87 | cps |
| Scandium | 45-1 | 4489987 | 4503875 | 4427681 | 4473848 | 0.91 | cps |
| Scandium | 45-2 | 397704 | 340342 | 402876 | 380307 | 9.13 | cps |
| Selenium | 82-1 | 629 | 630 | 599 | 619 | 2.92 | cps |
| Selenium | 77-2 | 160 | 150 | 197 | 169 | 14.55 | cps |
| Selenium | 78-2 | 397 | 443 | 360 | 400 | 10.44 | cps |
| Silicon | 28-1 | 32736031 | 33080570 | 33020552 | 32945718 | 0.56 | cps |
| Silver | 107-1 | 5541 | 5471 | 5664 | 5559 | 1.76 | cps |
| Silver | 109-1 | 5251 | 5231 | 5341 | 5274 | 1.11 | cps |
| Sodium | 23-2 | 94175 | 94377 | 93605 | 94053 | 0.43 | cps |
| Strontium | 86-1 | 171772 | 175017 | 176373 | 174387 | 1.36 | cps |
| Strontium | 88-1 | 1556942 | 1575674 | 1586136 | 1572917 | 0.94 | cps |
| Sulfur | 34-1 | 117310 | 114868 | 114290 | 115489 | 1.39 | cps |
| Terbium | 159-1 | 11062882 | 11092175 | 11237377 | 11130812 | 0.84 | cps |
| Terbium | 159-2 | 6600303 | 5609985 | 6588943 | 6266411 | 9.07 | cps |
| Thallium | 203-1 | 3287 | 3324 | 3267 | 3293 | 0.87 | cps |
| Thallium | 205-1 | 7676 | 7535 | 7912 | 7708 | 2.47 | cps |
| Tin | 118-1 | 25686 | 26314 | 26538 | 26179 | 1.69 | cps |
| Titanium | 47-1 | 924595 | 940095 | 936319 | 933670 | 0.87 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:49:40 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26172 | 26807 | 26964 | 26648 | 1.57 | cps |
| Vanadium | 51-2 | 458693 | 463192 | 455106 | 458997 | 0.88 | cps |
| Yttrium | 89-1 | 13951431 | 13880126 | 13860254 | 13897270 | 0.35 | cps |
| Yttrium | 89-2 | 3286304 | 2855605 | 3312061 | 3151323 | 8.14 | cps |
| Zinc | 66-2 | 198068 | 199170 | 197923 | 198387 | 0.34 | cps |
| Zirconium | 90-1 | 148589 | 151529 | 152478 | 150866 | 1.34 | cps |
| Zirconium | 91-1 | 33508 | 34357 | 34491 | 34119 | 1.56 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13831966 | 13910337 | 13642839 | 13795047 | 1.00 | cps |
| Antimony | 121-1 | 21917 | 22264 | 22738 | 22306 | 1.85 | cps |
| Arsenic | 75-2 | 76861 | 77625 | 75805 | 76764 | 1.19 | cps |
| Barium | 135-1 | 666122 | 680920 | 682166 | 676403 | 1.32 | cps |
| Barium | 137-1 | 1163306 | 1179011 | 1190176 | 1177498 | 1.15 | cps |
| Beryllium | 9-1 | 1500 | 1589 | 1572 | 1554 | 3.04 | cps |
| Bismuth | 209-1 | 6875993 | 6774348 | 6824047 | 6824796 | 0.74 | cps |
| Bismuth | 209-2 | 4627444 | 4658870 | 4565154 | 4617156 | 1.03 | cps |
| Bromine | 81-1 | 12956 | 13783 | 13783 | 13507 | 3.54 | cps |
| Bromine | 81-2 | 720 | 647 | 727 | 698 | 6.36 | cps |
| Cadmium | 108-1 | 570 | 607 | 533 | 570 | 6.43 | cps |
| Cadmium | 106-1 | 3570 | 3394 | 3507 | 3490 | 2.56 | cps |
| Cadmium | 111-1 | 8935 | 8743 | 9240 | 8973 | 2.80 | cps |
| Calcium | 43-1 | 549527 | 558581 | 561900 | 556669 | 1.15 | cps |
| Calcium | 44-1 | 8397518 | 8434098 | 8527789 | 8453135 | 0.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 238338 | 237125 | 234557 | 236673 | 0.82 | cps |
| Cobalt | 59-2 | 611689 | 608815 | 615568 | 612024 | 0.55 | cps |
| Copper | 63-2 | 1051563 | 1053077 | 1049540 | 1051393 | 0.17 | cps |
| Dysprosium | 156-1 | 41906 | 43049 | 43296 | 42750 | 1.74 | cps |
| Dysprosium | 156-2 | 29548 | 29975 | 30259 | 29928 | 1.20 | cps |
| Erbium | 164-1 | 49353 | 48397 | 50016 | 49255 | 1.65 | cps |
| Erbium | 164-2 | 30697 | 29909 | 29758 | 30121 | 1.67 | cps |
| Gadolinium | 160-1 | 44387 | 45310 | 45828 | 45175 | 1.62 | cps |
| Gadolinium | 160-2 | 29130 | 29815 | 29528 | 29491 | 1.17 | cps |
| Holmium | 165-1 | 11133364 | 11057665 | 10849706 | 11013578 | 1.33 | cps |
| Holmium | 165-2 | 6724397 | 6685508 | 6479971 | 6629959 | 1.98 | cps |
| Indium | 115-1 | 8326470 | 8260524 | 8291298 | 8292764 | 0.40 | cps |
| Indium | 115-2 | 2522285 | 2555154 | 2493342 | 2523594 | 1.23 | cps |
| Iron | 56-2 | 522773592 | 521768432 | 515285059 | 519942361 | 0.78 | cps |
| Iron | 57-2 | 12966891 | 12844433 | 12811956 | 12874426 | 0.63 | cps |
| Iron | 54-2 | 28201768 | 28137950 | 27757302 | 28032340 | 0.86 | cps |
| Krypton | 83-1 | 293 | 270 | 293 | 286 | 4.72 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 279403 | 288147 | 288401 | 285317 | 1.80 | cps |
| Lead | 207-1 | 241948 | 247621 | 247328 | 245632 | 1.30 | cps |
| Lead | 208-1 | 1091420 | 1127280 | 1134721 | 1117807 | 2.07 | cps |
| Lithium | 6-1 | 1225400 | 1219048 | 1204078 | 1216175 | 0.90 | cps |
| Magnesium | 24-2 | 9845089 | 9884428 | 9738604 | 9822707 | 0.77 | cps |
| Manganese | 55-2 | 11657461 | 11801259 | 11742973 | 11733898 | 0.62 | cps |
| Molybdenum | 94-1 | 23482 | 24711 | 24147 | 24113 | 2.55 | cps |
| Molybdenum | 95-1 | 8196 | 9000 | 9093 | 8763 | 5.63 | cps |
| Molybdenum | 96-1 | 20391 | 21149 | 21039 | 20859 | 1.96 | cps |
| Molybdenum | 97-1 | 5281 | 5454 | 5604 | 5447 | 2.97 | cps |
| Molybdenum | 98-1 | 12909 | 13259 | 13333 | 13167 | 1.72 | cps |
| Neodymium | 150-1 | 58353 | 59113 | 58280 | 58582 | 0.79 | cps |
| Neodymium | 150-2 | 29621 | 30319 | 30263 | 30068 | 1.29 | cps |
| Nickel | 60-2 | 76071 | 76738 | 76892 | 76567 | 0.57 | cps |
| Phosphorus | 31-2 | 16939 | 17971 | 17203 | 17371 | 3.08 | cps |
| Potassium | 39-2 | 1209925 | 1205269 | 1206916 | 1207370 | 0.20 | cps |
| Rhodium | 103-1 | 7612319 | 7383989 | 7447361 | 7481223 | 1.58 | cps |
| Rhodium | 103-2 | 4365284 | 4412006 | 4301806 | 4359698 | 1.27 | cps |
| Scandium | 45-1 | 4726334 | 4626750 | 4616240 | 4656441 | 1.30 | cps |
| Scandium | 45-2 | 413794 | 411018 | 404321 | 409711 | 1.19 | cps |
| Selenium | 82-1 | 517 | 570 | 505 | 531 | 6.45 | cps |
| Selenium | 77-2 | 110 | 127 | 117 | 118 | 7.12 | cps |
| Selenium | 78-2 | 363 | 380 | 357 | 367 | 3.28 | cps |
| Silicon | 28-1 | 32021890 | 32637697 | 32748887 | 32469491 | 1.21 | cps |
| Silver | 107-1 | 14547 | 14481 | 15111 | 14713 | 2.35 | cps |
| Silver | 109-1 | 13386 | 13990 | 13710 | 13695 | 2.21 | cps |
| Sodium | 23-2 | 448432 | 445975 | 442458 | 445622 | 0.67 | cps |
| Strontium | 86-1 | 415706 | 425166 | 426342 | 422405 | 1.38 | cps |
| Strontium | 88-1 | 3776354 | 3816665 | 3893209 | 3828743 | 1.55 | cps |
| Sulfur | 34-1 | 110690 | 113779 | 114626 | 113032 | 1.83 | cps |
| Terbium | 159-1 | 11532964 | 11264867 | 11230223 | 11342685 | 1.46 | cps |
| Terbium | 159-2 | 6532931 | 6614743 | 6498795 | 6548823 | 0.91 | cps |
| Thallium | 203-1 | 2210 | 2344 | 2494 | 2349 | 6.04 | cps |
| Thallium | 205-1 | 5631 | 5868 | 5581 | 5693 | 2.69 | cps |
| Tin | 118-1 | 17157 | 17941 | 17828 | 17642 | 2.40 | cps |
| Titanium | 47-1 | 2754911 | 2811172 | 2840075 | 2802053 | 1.55 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:52:46 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16754 | 16864 | 16854 | 16824 | 0.36 | cps |
| Vanadium | 51-2 | 894441 | 894035 | 880782 | 889753 | 0.87 | cps |
| Yttrium | 89-1 | 14488664 | 14141691 | 14090291 | 14240215 | 1.52 | cps |
| Yttrium | 89-2 | 3375688 | 3365483 | 3346719 | 3362630 | 0.44 | cps |
| Zinc | 66-2 | 424943 | 423326 | 422157 | 423475 | 0.33 | cps |
| Zirconium | 90-1 | 50403 | 53876 | 51674 | 51984 | 3.38 | cps |
| Zirconium | 91-1 | 11752 | 11324 | 12022 | 11699 | 3.00 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7906502 | 7956384 | 7850314 | 7904400 | 0.67 | cps |
| Antimony | 121-1 | 14571 | 14424 | 14851 | 14615 | 1.48 | cps |
| Arsenic | 75-2 | 56483 | 56413 | 56403 | 56433 | 0.08 | cps |
| Barium | 135-1 | 1306246 | 1332751 | 1329790 | 1322929 | 1.10 | cps |
| Barium | 137-1 | 2454855 | 2455076 | 2483414 | 2464448 | 0.67 | cps |
| Beryllium | 9-1 | 1906 | 1967 | 2006 | 1959 | 2.57 | cps |
| Bismuth | 209-1 | 6892726 | 6965360 | 6904984 | 6921024 | 0.56 | cps |
| Bismuth | 209-2 | 4860247 | 4812379 | 4792733 | 4821786 | 0.72 | cps |
| Bromine | 81-1 | 14587 | 15345 | 14994 | 14975 | 2.53 | cps |
| Bromine | 81-2 | 807 | 980 | 923 | 903 | 9.78 | cps |
| Cadmium | 108-1 | 533 | 543 | 430 | 502 | 12.49 | cps |
| Cadmium | 106-1 | 3300 | 3354 | 3490 | 3382 | 2.90 | cps |
| Cadmium | 111-1 | 6128 | 6138 | 6276 | 6181 | 1.34 | cps |
| Calcium | 43-1 | 202763 | 208763 | 209063 | 206863 | 1.72 | cps |
| Calcium | 44-1 | 3108015 | 3139502 | 3156468 | 3134662 | 0.78 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 343590 | 340194 | 337561 | 340448 | 0.89 | cps |
| Cobalt | 59-2 | 317004 | 314516 | 314143 | 315221 | 0.49 | cps |
| Copper | 63-2 | 1148285 | 1139272 | 1141658 | 1143072 | 0.41 | cps |
| Dysprosium | 156-1 | 75904 | 77482 | 77385 | 76924 | 1.15 | cps |
| Dysprosium | 156-2 | 57929 | 59468 | 58756 | 58718 | 1.31 | cps |
| Erbium | 164-1 | 57337 | 59041 | 59636 | 58671 | 2.03 | cps |
| Erbium | 164-2 | 35689 | 36016 | 35686 | 35797 | 0.53 | cps |
| Gadolinium | 160-1 | 70419 | 71947 | 72342 | 71569 | 1.42 | cps |
| Gadolinium | 160-2 | 45567 | 45968 | 45871 | 45802 | 0.46 | cps |
| Holmium | 165-1 | 10907086 | 11082275 | 10994280 | 10994547 | 0.80 | cps |
| Holmium | 165-2 | 6775295 | 6712444 | 6733814 | 6740518 | 0.47 | cps |
| Indium | 115-1 | 8187988 | 8286972 | 8070826 | 8181929 | 1.32 | cps |
| Indium | 115-2 | 2556237 | 2538280 | 2579909 | 2558142 | 0.82 | cps |
| Iron | 56-2 | 299758302 | 297669669 | 297405696 | 298277889 | 0.43 | cps |
| Iron | 57-2 | 7458810 | 7401599 | 7447509 | 7435973 | 0.41 | cps |
| Iron | 54-2 | 16469974 | 16248199 | 16180638 | 16299604 | 0.93 | cps |
| Krypton | 83-1 | 297 | 240 | 280 | 272 | 10.70 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 588595 | 600850 | 604762 | 598069 | 1.41 | cps |
| Lead | 207-1 | 515717 | 526888 | 532074 | 524893 | 1.59 | cps |
| Lead | 208-1 | 2342416 | 2394792 | 2413224 | 2383477 | 1.54 | cps |
| Lithium | 6-1 | 1251398 | 1227759 | 1199144 | 1226101 | 2.13 | cps |
| Magnesium | 24-2 | 7082950 | 7070158 | 6975775 | 7042961 | 0.83 | cps |
| Manganese | 55-2 | 7544728 | 7525134 | 7499102 | 7522988 | 0.30 | cps |
| Molybdenum | 94-1 | 81009 | 81786 | 83077 | 81957 | 1.27 | cps |
| Molybdenum | 95-1 | 6088 | 5788 | 6381 | 6086 | 4.88 | cps |
| Molybdenum | 96-1 | 24377 | 24511 | 24330 | 24406 | 0.38 | cps |
| Molybdenum | 97-1 | 3761 | 3781 | 3751 | 3764 | 0.41 | cps |
| Molybdenum | 98-1 | 9163 | 9400 | 9213 | 9259 | 1.35 | cps |
| Neodymium | 150-1 | 146697 | 147387 | 149432 | 147839 | 0.96 | cps |
| Neodymium | 150-2 | 76634 | 74197 | 76439 | 75757 | 1.79 | cps |
| Nickel | 60-2 | 147860 | 148039 | 147319 | 147740 | 0.25 | cps |
| Phosphorus | 31-2 | 19336 | 19683 | 19589 | 19536 | 0.92 | cps |
| Potassium | 39-2 | 3335419 | 3317333 | 3264654 | 3305802 | 1.11 | cps |
| Rhodium | 103-1 | 7479574 | 7390515 | 7364321 | 7411470 | 0.82 | cps |
| Rhodium | 103-2 | 4388654 | 4364196 | 4360424 | 4371091 | 0.35 | cps |
| Scandium | 45-1 | 4497050 | 4503034 | 4530208 | 4510097 | 0.39 | cps |
| Scandium | 45-2 | 404451 | 403345 | 399448 | 402415 | 0.65 | cps |
| Selenium | 82-1 | 527 | 551 | 518 | 532 | 3.29 | cps |
| Selenium | 77-2 | 217 | 270 | 267 | 251 | 11.90 | cps |
| Selenium | 78-2 | 380 | 400 | 400 | 393 | 2.94 | cps |
| Silicon | 28-1 | 33799034 | 34346854 | 34272747 | 34139545 | 0.87 | cps |
| Silver | 107-1 | 6138 | 6311 | 6301 | 6250 | 1.56 | cps |
| Silver | 109-1 | 5898 | 5801 | 5671 | 5790 | 1.97 | cps |
| Sodium | 23-2 | 95735 | 94819 | 94353 | 94969 | 0.74 | cps |
| Strontium | 86-1 | 210747 | 212572 | 213293 | 212204 | 0.62 | cps |
| Strontium | 88-1 | 1892386 | 1949899 | 1925749 | 1922678 | 1.50 | cps |
| Sulfur | 34-1 | 111180 | 107391 | 107917 | 108830 | 1.89 | cps |
| Terbium | 159-1 | 11157293 | 11158833 | 11228965 | 11181697 | 0.37 | cps |
| Terbium | 159-2 | 6646476 | 6678171 | 6666417 | 6663688 | 0.24 | cps |
| Thallium | 203-1 | 4324 | 4477 | 4454 | 4419 | 1.87 | cps |
| Thallium | 205-1 | 10321 | 10578 | 10481 | 10460 | 1.24 | cps |
| Tin | 118-1 | 23202 | 23843 | 23406 | 23484 | 1.40 | cps |
| Titanium | 47-1 | 1125125 | 1138342 | 1143596 | 1135687 | 0.84 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-02 23:55:54 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36316 | 36834 | 36533 | 36561 | 0.71 | cps |
| Vanadium | 51-2 | 612077 | 605841 | 606429 | 608116 | 0.57 | cps |
| Yttrium | 89-1 | 13921728 | 14042624 | 13914376 | 13959576 | 0.52 | cps |
| Yttrium | 89-2 | 3387979 | 3347502 | 3368270 | 3367917 | 0.60 | cps |
| Zinc | 66-2 | 167696 | 165202 | 166962 | 166620 | 0.77 | cps |
| Zirconium | 90-1 | 211341 | 215751 | 215041 | 214045 | 1.11 | cps |
| Zirconium | 91-1 | 47075 | 47898 | 48426 | 47800 | 1.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1697441 | 1692137 | 1697752 | 1695777 | 0.19 | cps |
| Antimony | 121-1 | 1183 | 1270 | 1260 | 1238 | 3.83 | cps |
| Arsenic | 75-2 | 4921 | 5098 | 4874 | 4964 | 2.37 | cps |
| Barium | 135-1 | 214745 | 218443 | 218602 | 217263 | 1.00 | cps |
| Barium | 137-1 | 369606 | 375425 | 379171 | 374734 | 1.29 | cps |
| Beryllium | 9-1 | 450 | 400 | 367 | 406 | 10.34 | cps |
| Bismuth | 209-1 | 7007858 | 7092896 | 7031397 | 7044050 | 0.62 | cps |
| Bismuth | 209-2 | 4358137 | 4866199 | 4901392 | 4708576 | 6.46 | cps |
| Bromine | 81-1 | 11845 | 12248 | 12315 | 12136 | 2.10 | cps |
| Bromine | 81-2 | 357 | 343 | 377 | 359 | 4.68 | cps |
| Cadmium | 108-1 | 53 | 57 | 50 | 53 | 6.25 | cps |
| Cadmium | 106-1 | 2644 | 2530 | 2564 | 2579 | 2.26 | cps |
| Cadmium | 111-1 | 2177 | 2138 | 2180 | 2165 | 1.06 | cps |
| Calcium | 43-1 | 164919 | 167479 | 168790 | 167062 | 1.18 | cps |
| Calcium | 44-1 | 2516500 | 2551026 | 2556862 | 2541463 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 67383 | 67959 | 67798 | 67713 | 0.44 | cps |
| Cobalt | 59-2 | 59584 | 59390 | 59742 | 59572 | 0.30 | cps |
| Copper | 63-2 | 135594 | 135463 | 135198 | 135418 | 0.15 | cps |
| Dysprosium | 156-1 | 16857 | 17064 | 17070 | 16997 | 0.71 | cps |
| Dysprosium | 156-2 | 12709 | 12322 | 12592 | 12541 | 1.58 | cps |
| Erbium | 164-1 | 15472 | 15272 | 14985 | 15243 | 1.61 | cps |
| Erbium | 164-2 | 9186 | 9287 | 9273 | 9249 | 0.59 | cps |
| Gadolinium | 160-1 | 16410 | 16747 | 17054 | 16737 | 1.92 | cps |
| Gadolinium | 160-2 | 10954 | 10651 | 10821 | 10809 | 1.41 | cps |
| Holmium | 165-1 | 10893170 | 11030804 | 10929027 | 10951001 | 0.65 | cps |
| Holmium | 165-2 | 6071241 | 6864567 | 6665912 | 6533907 | 6.32 | cps |
| Indium | 115-1 | 8293068 | 8247761 | 8325156 | 8288662 | 0.47 | cps |
| Indium | 115-2 | 2309222 | 2576374 | 2557561 | 2481052 | 6.01 | cps |
| Iron | 56-2 | 59424276 | 58463116 | 59270434 | 59052609 | 0.87 | cps |
| Iron | 57-2 | 1497988 | 1464220 | 1474523 | 1478910 | 1.17 | cps |
| Iron | 54-2 | 3229127 | 3160577 | 3165232 | 3184978 | 1.20 | cps |
| Krypton | 83-1 | 150 | 240 | 207 | 199 | 22.88 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 68622 | 68216 | 70287 | 69042 | 1.59 | cps |
| Lead | 207-1 | 57695 | 58254 | 57695 | 57881 | 0.56 | cps |
| Lead | 208-1 | 265429 | 268464 | 269504 | 267799 | 0.79 | cps |
| Lithium | 6-1 | 1231172 | 1234234 | 1229610 | 1231672 | 0.19 | cps |
| Magnesium | 24-2 | 1527237 | 1510501 | 1519594 | 1519110 | 0.55 | cps |
| Manganese | 55-2 | 1542093 | 1517492 | 1526046 | 1528543 | 0.82 | cps |
| Molybdenum | 94-1 | 9203 | 9186 | 9176 | 9189 | 0.15 | cps |
| Molybdenum | 95-1 | 1703 | 1663 | 1630 | 1666 | 2.20 | cps |
| Molybdenum | 96-1 | 3961 | 4041 | 4097 | 4033 | 1.70 | cps |
| Molybdenum | 97-1 | 883 | 967 | 1107 | 986 | 11.45 | cps |
| Molybdenum | 98-1 | 2324 | 2484 | 2554 | 2454 | 4.81 | cps |
| Neodymium | 150-1 | 29377 | 29614 | 29628 | 29540 | 0.48 | cps |
| Neodymium | 150-2 | 15385 | 15278 | 15202 | 15288 | 0.60 | cps |
| Nickel | 60-2 | 22190 | 22340 | 21889 | 22140 | 1.04 | cps |
| Phosphorus | 31-2 | 6938 | 6732 | 6655 | 6775 | 2.16 | cps |
| Potassium | 39-2 | 1258210 | 1197100 | 1185406 | 1213572 | 3.22 | cps |
| Rhodium | 103-1 | 7533068 | 7424816 | 7440571 | 7466152 | 0.78 | cps |
| Rhodium | 103-2 | 4053456 | 4500784 | 4416673 | 4323638 | 5.50 | cps |
| Scandium | 45-1 | 4237876 | 4181413 | 4214823 | 4211370 | 0.67 | cps |
| Scandium | 45-2 | 349857 | 387351 | 383003 | 373404 | 5.49 | cps |
| Selenium | 82-1 | 493 | 412 | 475 | 460 | 9.28 | cps |
| Selenium | 77-2 | 57 | 77 | 90 | 74 | 22.53 | cps |
| Selenium | 78-2 | 283 | 327 | 260 | 290 | 11.66 | cps |
| Silicon | 28-1 | 8535640 | 8651828 | 8701570 | 8629679 | 0.99 | cps |
| Silver | 107-1 | 887 | 773 | 833 | 831 | 6.82 | cps |
| Silver | 109-1 | 637 | 727 | 740 | 701 | 8.02 | cps |
| Sodium | 23-2 | 81374 | 82559 | 82271 | 82068 | 0.75 | cps |
| Strontium | 86-1 | 82553 | 84129 | 84581 | 83754 | 1.27 | cps |
| Strontium | 88-1 | 725026 | 731210 | 737219 | 731152 | 0.83 | cps |
| Sulfur | 34-1 | 107300 | 107233 | 109153 | 107895 | 1.01 | cps |
| Terbium | 159-1 | 11318269 | 11279325 | 11244137 | 11280577 | 0.33 | cps |
| Terbium | 159-2 | 6027755 | 6703032 | 6561097 | 6430628 | 5.54 | cps |
| Thallium | 203-1 | 723 | 740 | 633 | 699 | 8.21 | cps |
| Thallium | 205-1 | 1707 | 1783 | 1813 | 1768 | 3.11 | cps |
| Tin | 118-1 | 5494 | 5991 | 5911 | 5799 | 4.60 | cps |
| Titanium | 47-1 | 308660 | 313010 | 315513 | 312394 | 1.11 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2 | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-02 23:58:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8363 | 8416 | 8369 | 8383 | 0.35 | cps |
| Vanadium | 51-2 | 116065 | 115088 | 117322 | 116158 | 0.96 | cps |
| Yttrium | 89-1 | 13333569 | 13259150 | 13334009 | 13308909 | 0.32 | cps |
| Yttrium | 89-2 | 2989722 | 3288439 | 3193888 | 3157350 | 4.84 | cps |
| Zinc | 66-2 | 30267 | 30428 | 30651 | 30449 | 0.63 | cps |
| Zirconium | 90-1 | 21740 | 22320 | 22340 | 22133 | 1.54 | cps |
| Zirconium | 91-1 | 4951 | 4774 | 4914 | 4880 | 1.91 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1695032 | 1644846 | 1671039 | 1670306 | 1.50 | cps |
| Antimony | 121-1 | 1047 | 1280 | 1283 | 1203 | 11.28 | cps |
| Arsenic | 75-2 | 5061 | 4848 | 4834 | 4914 | 2.59 | cps |
| Barium | 135-1 | 209289 | 212333 | 212661 | 211427 | 0.88 | cps |
| Barium | 137-1 | 362032 | 366963 | 371712 | 366902 | 1.32 | cps |
| Beryllium | 9-1 | 439 | 361 | 400 | 400 | 9.72 | cps |
| Bismuth | 209-1 | 7006818 | 7046444 | 6810602 | 6954621 | 1.82 | cps |
| Bismuth | 209-2 | 4807239 | 5028866 | 4819476 | 4885194 | 2.55 | cps |
| Bromine | 81-1 | 12499 | 11872 | 12315 | 12228 | 2.64 | cps |
| Bromine | 81-2 | 383 | 327 | 373 | 361 | 8.38 | cps |
| Cadmium | 108-1 | 53 | 50 | 47 | 50 | 6.66 | cps |
| Cadmium | 106-1 | 2524 | 2440 | 2400 | 2455 | 2.56 | cps |
| Cadmium | 111-1 | 2163 | 2063 | 2004 | 2077 | 3.85 | cps |
| Calcium | 43-1 | 162796 | 165566 | 165413 | 164592 | 0.95 | cps |
| Calcium | 44-1 | 2511732 | 2548473 | 2541030 | 2533745 | 0.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 66743 | 66824 | 65923 | 66497 | 0.75 | cps |
| Cobalt | 59-2 | 59099 | 58838 | 58758 | 58898 | 0.30 | cps |
| Copper | 63-2 | 132483 | 132621 | 132258 | 132454 | 0.14 | cps |
| Dysprosium | 156-1 | 16356 | 16563 | 17157 | 16692 | 2.49 | cps |
| Dysprosium | 156-2 | 12169 | 12396 | 12039 | 12201 | 1.48 | cps |
| Erbium | 164-1 | 14701 | 14127 | 15082 | 14637 | 3.28 | cps |
| Erbium | 164-2 | 9080 | 8820 | 9013 | 8971 | 1.51 | cps |
| Gadolinium | 160-1 | 16069 | 15859 | 16173 | 16034 | 1.00 | cps |
| Gadolinium | 160-2 | 10738 | 10751 | 10821 | 10770 | 0.42 | cps |
| Holmium | 165-1 | 10943058 | 10954838 | 10790421 | 10896106 | 0.84 | cps |
| Holmium | 165-2 | 6673137 | 6764448 | 6631027 | 6689537 | 1.02 | cps |
| Indium | 115-1 | 8256701 | 8252333 | 8221473 | 8243502 | 0.23 | cps |
| Indium | 115-2 | 2570946 | 2617647 | 2539803 | 2576132 | 1.52 | cps |
| Iron | 56-2 | 57999077 | 57807231 | 57385609 | 57730639 | 0.54 | cps |
| Iron | 57-2 | 1424941 | 1438650 | 1446348 | 1436646 | 0.75 | cps |
| Iron | 54-2 | 3154020 | 3173995 | 3136190 | 3154735 | 0.60 | cps |
| Krypton | 83-1 | 227 | 180 | 213 | 207 | 11.63 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 64971 | 66404 | 66904 | 66093 | 1.52 | cps |
| Lead | 207-1 | 54586 | 55208 | 56765 | 55519 | 2.02 | cps |
| Lead | 208-1 | 254638 | 257747 | 259874 | 257420 | 1.02 | cps |
| Lithium | 6-1 | 1236455 | 1227244 | 1211805 | 1225168 | 1.02 | cps |
| Magnesium | 24-2 | 1502377 | 1491151 | 1474518 | 1489348 | 0.94 | cps |
| Manganese | 55-2 | 1503321 | 1492230 | 1497415 | 1497656 | 0.37 | cps |
| Molybdenum | 94-1 | 8743 | 8833 | 9183 | 8919 | 2.61 | cps |
| Molybdenum | 95-1 | 1407 | 1560 | 1637 | 1535 | 7.63 | cps |
| Molybdenum | 96-1 | 3854 | 3897 | 4001 | 3917 | 1.92 | cps |
| Molybdenum | 97-1 | 863 | 1057 | 977 | 966 | 10.06 | cps |
| Molybdenum | 98-1 | 2484 | 2314 | 2540 | 2446 | 4.82 | cps |
| Neodymium | 150-1 | 27998 | 28696 | 29387 | 28694 | 2.42 | cps |
| Neodymium | 150-2 | 14911 | 14671 | 15021 | 14868 | 1.21 | cps |
| Nickel | 60-2 | 22280 | 22056 | 21833 | 22056 | 1.01 | cps |
| Phosphorus | 31-2 | 6565 | 6668 | 6491 | 6575 | 1.35 | cps |
| Potassium | 39-2 | 1224941 | 1256698 | 1231571 | 1237737 | 1.35 | cps |
| Rhodium | 103-1 | 7620969 | 7467257 | 7436062 | 7508096 | 1.32 | cps |
| Rhodium | 103-2 | 4472887 | 4480256 | 4436692 | 4463278 | 0.52 | cps |
| Scandium | 45-1 | 4294814 | 4239880 | 4261769 | 4265488 | 0.65 | cps |
| Scandium | 45-2 | 381053 | 379071 | 378804 | 379643 | 0.32 | cps |
| Selenium | 82-1 | 393 | 532 | 443 | 456 | 15.45 | cps |
| Selenium | 77-2 | 60 | 57 | 50 | 56 | 9.17 | cps |
| Selenium | 78-2 | 290 | 320 | 257 | 289 | 10.97 | cps |
| Silicon | 28-1 | 8365070 | 8521668 | 8620884 | 8502541 | 1.52 | cps |
| Silver | 107-1 | 777 | 753 | 803 | 778 | 3.22 | cps |
| Silver | 109-1 | 710 | 683 | 843 | 746 | 11.50 | cps |
| Sodium | 23-2 | 79879 | 80167 | 79624 | 79890 | 0.34 | cps |
| Strontium | 86-1 | 81507 | 83508 | 82389 | 82468 | 1.22 | cps |
| Strontium | 88-1 | 710816 | 719794 | 720844 | 717151 | 0.77 | cps |
| Sulfur | 34-1 | 114008 | 113085 | 116406 | 114499 | 1.50 | cps |
| Terbium | 159-1 | 11340613 | 11134667 | 11253807 | 11243029 | 0.92 | cps |
| Terbium | 159-2 | 6686865 | 6834790 | 6539785 | 6687147 | 2.21 | cps |
| Thallium | 203-1 | 707 | 797 | 750 | 751 | 5.99 | cps |
| Thallium | 205-1 | 1670 | 1743 | 1630 | 1681 | 3.42 | cps |
| Tin | 118-1 | 5921 | 5654 | 5568 | 5715 | 3.22 | cps |
| Titanium | 47-1 | 305885 | 309701 | 310810 | 308799 | 0.84 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-04DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2D | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:02:10 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8126 | 8559 | 8359 | 8348 | 2.60 | cps |
| Vanadium | 51-2 | 115612 | 114950 | 115618 | 115393 | 0.33 | cps |
| Yttrium | 89-1 | 13457301 | 13317854 | 13280766 | 13351974 | 0.70 | cps |
| Yttrium | 89-2 | 3281739 | 3203261 | 3241702 | 3242234 | 1.21 | cps |
| Zinc | 66-2 | 30337 | 30274 | 30000 | 30204 | 0.59 | cps |
| Zirconium | 90-1 | 21265 | 21626 | 21913 | 21602 | 1.50 | cps |
| Zirconium | 91-1 | 4537 | 4878 | 4891 | 4769 | 4.20 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 302501 | 303487 | 301984 | 302658 | 0.25 | cps |
| Antimony | 121-1 | 290 | 323 | 277 | 297 | 8.10 | cps |
| Arsenic | 75-2 | 893 | 903 | 803 | 867 | 6.36 | cps |
| Barium | 135-1 | 37536 | 38395 | 38886 | 38272 | 1.79 | cps |
| Barium | 137-1 | 66112 | 65862 | 66163 | 66046 | 0.24 | cps |
| Beryllium | 9-1 | 89 | 111 | 83 | 94 | 15.56 | cps |
| Bismuth | 209-1 | 6908044 | 6930417 | 6827668 | 6888709 | 0.78 | cps |
| Bismuth | 209-2 | 4873650 | 4793794 | 4771734 | 4813059 | 1.11 | cps |
| Bromine | 81-1 | 11468 | 11424 | 11221 | 11371 | 1.16 | cps |
| Bromine | 81-2 | 117 | 133 | 120 | 123 | 7.15 | cps |
| Cadmium | 108-1 | 20 | 17 | 13 | 17 | 20.01 | cps |
| Cadmium | 106-1 | 2417 | 2410 | 2394 | 2407 | 0.50 | cps |
| Cadmium | 111-1 | 1775 | 1729 | 1776 | 1760 | 1.53 | cps |
| Calcium | 43-1 | 30237 | 30110 | 31082 | 30476 | 1.73 | cps |
| Calcium | 44-1 | 495313 | 495599 | 495491 | 495468 | 0.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12699 | 12398 | 12695 | 12598 | 1.37 | cps |
| Cobalt | 59-2 | 10944 | 10824 | 10737 | 10835 | 0.96 | cps |
| Copper | 63-2 | 24413 | 25261 | 24554 | 24743 | 1.84 | cps |
| Dysprosium | 156-1 | 2987 | 3040 | 3040 | 3023 | 1.02 | cps |
| Dysprosium | 156-2 | 2157 | 2274 | 2134 | 2188 | 3.43 | cps |
| Erbium | 164-1 | 2634 | 2594 | 2614 | 2614 | 0.77 | cps |
| Erbium | 164-2 | 1613 | 1613 | 1610 | 1612 | 0.12 | cps |
| Gadolinium | 160-1 | 2947 | 3004 | 2964 | 2971 | 0.98 | cps |
| Gadolinium | 160-2 | 2157 | 2180 | 2110 | 2149 | 1.66 | cps |
| Holmium | 165-1 | 10867454 | 10767678 | 10637383 | 10757505 | 1.07 | cps |
| Holmium | 165-2 | 6631713 | 6540534 | 6539219 | 6570489 | 0.81 | cps |
| Indium | 115-1 | 8205738 | 8236508 | 8161247 | 8201164 | 0.46 | cps |
| Indium | 115-2 | 2585366 | 2549871 | 2575208 | 2570148 | 0.71 | cps |
| Iron | 56-2 | 10416218 | 10437792 | 10390410 | 10414807 | 0.23 | cps |
| Iron | 57-2 | 261840 | 264536 | 265718 | 264031 | 0.75 | cps |
| Iron | 54-2 | 586465 | 584365 | 582590 | 584473 | 0.33 | cps |
| Krypton | 83-1 | 187 | 217 | 190 | 198 | 8.31 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12486 | 12322 | 12299 | 12369 | 0.82 | cps |
| Lead | 207-1 | 10444 | 10814 | 10611 | 10623 | 1.75 | cps |
| Lead | 208-1 | 48006 | 48811 | 48467 | 48428 | 0.83 | cps |
| Lithium | 6-1 | 1245396 | 1243104 | 1242823 | 1243774 | 0.11 | cps |
| Magnesium | 24-2 | 277321 | 273908 | 274077 | 275102 | 0.70 | cps |
| Manganese | 55-2 | 269147 | 266435 | 266023 | 267202 | 0.64 | cps |
| Molybdenum | 94-1 | 1897 | 1823 | 1790 | 1837 | 2.97 | cps |
| Molybdenum | 95-1 | 387 | 407 | 357 | 383 | 6.57 | cps |
| Molybdenum | 96-1 | 807 | 1013 | 907 | 909 | 11.37 | cps |
| Molybdenum | 97-1 | 233 | 210 | 283 | 242 | 15.47 | cps |
| Molybdenum | 98-1 | 617 | 553 | 573 | 581 | 5.57 | cps |
| Neodymium | 150-1 | 5254 | 5328 | 4954 | 5179 | 3.82 | cps |
| Neodymium | 150-2 | 2770 | 2647 | 2710 | 2709 | 2.28 | cps |
| Nickel | 60-2 | 4404 | 3987 | 4004 | 4132 | 5.71 | cps |
| Phosphorus | 31-2 | 1410 | 1477 | 1367 | 1418 | 3.91 | cps |
| Potassium | 39-2 | 258954 | 258707 | 257144 | 258268 | 0.38 | cps |
| Rhodium | 103-1 | 7657726 | 7720291 | 7537297 | 7638438 | 1.22 | cps |
| Rhodium | 103-2 | 4419901 | 4433586 | 4438060 | 4430516 | 0.21 | cps |
| Scandium | 45-1 | 4214528 | 4264404 | 4120452 | 4199795 | 1.74 | cps |
| Scandium | 45-2 | 372986 | 368623 | 374163 | 371924 | 0.78 | cps |
| Selenium | 82-1 | 403 | 392 | 417 | 404 | 3.15 | cps |
| Selenium | 77-2 | 3 | 10 | 13 | 9 | 57.30 | cps |
| Selenium | 78-2 | 197 | 223 | 273 | 231 | 16.84 | cps |
| Silicon | 28-1 | 1705734 | 1718348 | 1730229 | 1718104 | 0.71 | cps |
| Silver | 107-1 | 183 | 210 | 233 | 209 | 11.98 | cps |
| Silver | 109-1 | 200 | 140 | 160 | 167 | 18.33 | cps |
| Sodium | 23-2 | 27798 | 26947 | 27815 | 27520 | 1.80 | cps |
| Strontium | 86-1 | 14904 | 15655 | 15308 | 15289 | 2.46 | cps |
| Strontium | 88-1 | 130886 | 130277 | 131371 | 130845 | 0.42 | cps |
| Sulfur | 34-1 | 109637 | 109620 | 110899 | 110052 | 0.67 | cps |
| Terbium | 159-1 | 11268922 | 11217699 | 10858739 | 11115120 | 2.01 | cps |
| Terbium | 159-2 | 6433150 | 6600040 | 6518830 | 6517340 | 1.28 | cps |
| Thallium | 203-1 | 193 | 210 | 243 | 216 | 11.81 | cps |
| Thallium | 205-1 | 530 | 517 | 540 | 529 | 2.21 | cps |
| Tin | 118-1 | 2194 | 2220 | 2307 | 2240 | 2.65 | cps |
| Titanium | 47-1 | 55943 | 55853 | 56762 | 56186 | 0.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03LDLX20 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2L | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-11-03 00:05:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1547 | 1520 | 1570 | 1546 | 1.62 | cps |
| Vanadium | 51-2 | 20734 | 20708 | 20597 | 20680 | 0.35 | cps |
| Yttrium | 89-1 | 13212656 | 13127087 | 12978625 | 13106123 | 0.90 | cps |
| Yttrium | 89-2 | 3190578 | 3131125 | 3154828 | 3158844 | 0.95 | cps |
| Zinc | 66-2 | 6025 | 6075 | 5618 | 5906 | 4.24 | cps |
| Zirconium | 90-1 | 4234 | 4094 | 4357 | 4228 | 3.12 | cps |
| Zirconium | 91-1 | 987 | 953 | 967 | 969 | 1.73 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1683878 | 1696558 | 1709505 | 1696647 | 0.76 | cps |
| Antimony | 121-1 | 142110 | 143572 | 146588 | 144090 | 1.58 | cps |
| Arsenic | 75-2 | 7692 | 7689 | 7445 | 7609 | 1.86 | cps |
| Barium | 135-1 | 933293 | 944244 | 942529 | 940022 | 0.63 | cps |
| Barium | 137-1 | 1770141 | 1743477 | 1789768 | 1767795 | 1.31 | cps |
| Beryllium | 9-1 | 10014 | 10281 | 10832 | 10376 | 4.02 | cps |
| Bismuth | 209-1 | 7001719 | 6451054 | 7047755 | 6833509 | 4.86 | cps |
| Bismuth | 209-2 | 4940665 | 4779309 | 4781744 | 4833906 | 1.91 | cps |
| Bromine | 81-1 | 11828 | 12172 | 11895 | 11965 | 1.52 | cps |
| Bromine | 81-2 | 267 | 350 | 290 | 302 | 14.23 | cps |
| Cadmium | 108-1 | 1393 | 1407 | 1217 | 1339 | 7.92 | cps |
| Cadmium | 106-1 | 4514 | 3881 | 4374 | 4256 | 7.82 | cps |
| Cadmium | 111-1 | 20706 | 19973 | 20365 | 20348 | 1.80 | cps |
| Calcium | 43-1 | 160916 | 163170 | 164868 | 162985 | 1.22 | cps |
| Calcium | 44-1 | 2469479 | 2537437 | 2501668 | 2502861 | 1.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 182173 | 184093 | 182769 | 183011 | 0.54 | cps |
| Cobalt | 59-2 | 505434 | 506425 | 503304 | 505055 | 0.32 | cps |
| Copper | 63-2 | 282624 | 283170 | 287223 | 284339 | 0.88 | cps |
| Dysprosium | 156-1 | 16283 | 16386 | 16313 | 16327 | 0.33 | cps |
| Dysprosium | 156-2 | 12219 | 11955 | 12029 | 12067 | 1.13 | cps |
| Erbium | 164-1 | 14154 | 14621 | 14397 | 14391 | 1.62 | cps |
| Erbium | 164-2 | 8940 | 8709 | 8396 | 8682 | 3.14 | cps |
| Gadolinium | 160-1 | 15262 | 15856 | 15922 | 15680 | 2.32 | cps |
| Gadolinium | 160-2 | 10567 | 10311 | 10698 | 10525 | 1.87 | cps |
| Holmium | 165-1 | 10693962 | 10158329 | 10899785 | 10584025 | 3.62 | cps |
| Holmium | 165-2 | 6761760 | 6546673 | 6434182 | 6580872 | 2.53 | cps |
| Indium | 115-1 | 8255460 | 7659703 | 8317594 | 8077586 | 4.50 | cps |
| Indium | 115-2 | 2597396 | 2550738 | 2499114 | 2549082 | 1.93 | cps |
| Iron | 56-2 | 56279779 | 56858866 | 57603947 | 56914197 | 1.17 | cps |
| Iron | 57-2 | 1409754 | 1428058 | 1462767 | 1433526 | 1.88 | cps |
| Iron | 54-2 | 3143340 | 3100059 | 3154157 | 3132519 | 0.91 | cps |
| Krypton | 83-1 | 180 | 170 | 233 | 194 | 17.51 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 86275 | 88425 | 87036 | 87245 | 1.25 | cps |
| Lead | 207-1 | 72874 | 74959 | 74017 | 73950 | 1.41 | cps |
| Lead | 208-1 | 335823 | 344593 | 341062 | 340493 | 1.30 | cps |
| Lithium | 6-1 | 1229962 | 1168019 | 1221110 | 1206364 | 2.78 | cps |
| Magnesium | 24-2 | 1466544 | 1471129 | 1501361 | 1479678 | 1.28 | cps |
| Manganese | 55-2 | 1659692 | 1688205 | 1691624 | 1679841 | 1.04 | cps |
| Molybdenum | 94-1 | 8483 | 8779 | 8726 | 8663 | 1.83 | cps |
| Molybdenum | 95-1 | 1483 | 1613 | 1547 | 1548 | 4.20 | cps |
| Molybdenum | 96-1 | 3784 | 3731 | 4124 | 3879 | 5.50 | cps |
| Molybdenum | 97-1 | 1027 | 923 | 927 | 959 | 6.12 | cps |
| Molybdenum | 98-1 | 2307 | 2354 | 2340 | 2334 | 1.03 | cps |
| Neodymium | 150-1 | 28579 | 29097 | 28205 | 28627 | 1.56 | cps |
| Neodymium | 150-2 | 14855 | 14588 | 14491 | 14644 | 1.29 | cps |
| Nickel | 60-2 | 136196 | 136851 | 134386 | 135811 | 0.94 | cps |
| Phosphorus | 31-2 | 6675 | 6288 | 6715 | 6559 | 3.59 | cps |
| Potassium | 39-2 | 1231588 | 1222842 | 1217663 | 1224031 | 0.58 | cps |
| Rhodium | 103-1 | 7430044 | 6992244 | 7565649 | 7329312 | 4.09 | cps |
| Rhodium | 103-2 | 4390794 | 4321790 | 4399128 | 4370571 | 0.97 | cps |
| Scandium | 45-1 | 4224296 | 3993429 | 4271803 | 4163176 | 3.58 | cps |
| Scandium | 45-2 | 375935 | 372106 | 378692 | 375578 | 0.88 | cps |
| Selenium | 82-1 | 2546 | 2629 | 2643 | 2606 | 2.01 | cps |
| Selenium | 77-2 | 217 | 230 | 230 | 226 | 3.41 | cps |
| Selenium | 78-2 | 857 | 890 | 907 | 884 | 2.88 | cps |
| Silicon | 28-1 | 8321048 | 8456394 | 8453328 | 8410257 | 0.92 | cps |
| Silver | 107-1 | 74577 | 78052 | 77184 | 76604 | 2.36 | cps |
| Silver | 109-1 | 72524 | 73391 | 73730 | 73215 | 0.85 | cps |
| Sodium | 23-2 | 76680 | 77082 | 78204 | 77322 | 1.02 | cps |
| Strontium | 86-1 | 79583 | 80703 | 80448 | 80245 | 0.73 | cps |
| Strontium | 88-1 | 694871 | 707071 | 704366 | 702102 | 0.91 | cps |
| Sulfur | 34-1 | 117686 | 115469 | 115398 | 116184 | 1.12 | cps |
| Terbium | 159-1 | 10990779 | 10376264 | 11158983 | 10842009 | 3.80 | cps |
| Terbium | 159-2 | 6592961 | 6728400 | 6500654 | 6607338 | 1.73 | cps |
| Thallium | 203-1 | 67476 | 67499 | 68109 | 67695 | 0.53 | cps |
| Thallium | 205-1 | 160612 | 163341 | 161146 | 161700 | 0.89 | cps |
| Tin | 118-1 | 5404 | 5594 | 5675 | 5558 | 2.50 | cps |
| Titanium | 47-1 | 299131 | 308198 | 306497 | 304609 | 1.58 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-05DLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2S | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:08:32 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8266 | 8333 | 8249 | 8283 | 0.53 | cps |
| Vanadium | 51-2 | 368673 | 367223 | 365981 | 367292 | 0.37 | cps |
| Yttrium | 89-1 | 13251521 | 12419320 | 13410661 | 13027167 | 4.09 | cps |
| Yttrium | 89-2 | 3183031 | 3160469 | 3183797 | 3175765 | 0.42 | cps |
| Zinc | 66-2 | 79406 | 79694 | 80298 | 79799 | 0.57 | cps |
| Zirconium | 90-1 | 20868 | 21072 | 20982 | 20974 | 0.49 | cps |
| Zirconium | 91-1 | 4818 | 5158 | 4391 | 4789 | 8.02 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1835625 | 1831566 | 1833405 | 1833532 | 0.11 | cps |
| Antimony | 121-1 | 678619 | 683535 | 687723 | 683292 | 0.67 | cps |
| Arsenic | 75-2 | 18088 | 17991 | 17794 | 17958 | 0.83 | cps |
| Barium | 135-1 | 4008875 | 4060372 | 4068148 | 4045798 | 0.80 | cps |
| Barium | 137-1 | 6924133 | 7006843 | 6971504 | 6967494 | 0.60 | cps |
| Beryllium | 9-1 | 47573 | 48960 | 48258 | 48264 | 1.44 | cps |
| Bismuth | 209-1 | 6855764 | 6873350 | 6824671 | 6851262 | 0.36 | cps |
| Bismuth | 209-2 | 4719849 | 4627444 | 4766052 | 4704448 | 1.50 | cps |
| Bromine | 81-1 | 11975 | 11818 | 11681 | 11825 | 1.24 | cps |
| Bromine | 81-2 | 357 | 303 | 370 | 343 | 10.27 | cps |
| Cadmium | 108-1 | 5741 | 5631 | 5801 | 5725 | 1.51 | cps |
| Cadmium | 106-1 | 10541 | 10200 | 10694 | 10478 | 2.41 | cps |
| Cadmium | 111-1 | 88920 | 89655 | 90257 | 89611 | 0.75 | cps |
| Calcium | 43-1 | 154308 | 155275 | 157319 | 155634 | 0.99 | cps |
| Calcium | 44-1 | 2386539 | 2382244 | 2398035 | 2388939 | 0.34 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 625144 | 622905 | 623565 | 623871 | 0.18 | cps |
| Cobalt | 59-2 | 2277905 | 2231664 | 2230249 | 2246606 | 1.21 | cps |
| Copper | 63-2 | 850567 | 852034 | 845938 | 849513 | 0.37 | cps |
| Dysprosium | 156-1 | 15485 | 15679 | 15779 | 15648 | 0.95 | cps |
| Dysprosium | 156-2 | 11808 | 11918 | 11632 | 11786 | 1.23 | cps |
| Erbium | 164-1 | 13747 | 14074 | 13543 | 13788 | 1.94 | cps |
| Erbium | 164-2 | 8469 | 8609 | 8376 | 8485 | 1.38 | cps |
| Gadolinium | 160-1 | 15008 | 15482 | 15215 | 15235 | 1.56 | cps |
| Gadolinium | 160-2 | 10210 | 10217 | 10080 | 10169 | 0.76 | cps |
| Holmium | 165-1 | 10775589 | 10647772 | 10704809 | 10709390 | 0.60 | cps |
| Holmium | 165-2 | 6480086 | 6504562 | 6540058 | 6508235 | 0.46 | cps |
| Indium | 115-1 | 8137485 | 8037389 | 8084240 | 8086371 | 0.62 | cps |
| Indium | 115-2 | 2464853 | 2496353 | 2489352 | 2483520 | 0.67 | cps |
| Iron | 56-2 | 56801641 | 56486841 | 55950606 | 56413029 | 0.76 | cps |
| Iron | 57-2 | 1416439 | 1389742 | 1381176 | 1395786 | 1.32 | cps |
| Iron | 54-2 | 3148178 | 3083584 | 3106692 | 3112818 | 1.05 | cps |
| Krypton | 83-1 | 157 | 190 | 167 | 171 | 10.00 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 166263 | 168011 | 170592 | 168289 | 1.29 | cps |
| Lead | 207-1 | 142724 | 144385 | 145139 | 144082 | 0.86 | cps |
| Lead | 208-1 | 655906 | 665468 | 665389 | 662254 | 0.83 | cps |
| Lithium | 6-1 | 1223606 | 1234484 | 1215688 | 1224593 | 0.77 | cps |
| Magnesium | 24-2 | 1391956 | 1396872 | 1420838 | 1403222 | 1.10 | cps |
| Manganese | 55-2 | 2439067 | 2410218 | 2372376 | 2407220 | 1.39 | cps |
| Molybdenum | 94-1 | 8509 | 8209 | 8579 | 8433 | 2.33 | cps |
| Molybdenum | 95-1 | 1517 | 1527 | 1580 | 1541 | 2.21 | cps |
| Molybdenum | 96-1 | 3821 | 3674 | 3967 | 3821 | 3.84 | cps |
| Molybdenum | 97-1 | 880 | 890 | 860 | 877 | 1.74 | cps |
| Molybdenum | 98-1 | 2297 | 2364 | 2364 | 2341 | 1.64 | cps |
| Neodymium | 150-1 | 26986 | 27273 | 27507 | 27255 | 0.96 | cps |
| Neodymium | 150-2 | 14614 | 14121 | 14090 | 14275 | 2.06 | cps |
| Nickel | 60-2 | 564826 | 562130 | 566953 | 564636 | 0.43 | cps |
| Phosphorus | 31-2 | 6311 | 6548 | 6488 | 6449 | 1.91 | cps |
| Potassium | 39-2 | 1181859 | 1165593 | 1168409 | 1171954 | 0.74 | cps |
| Rhodium | 103-1 | 7487855 | 7322107 | 7353583 | 7387848 | 1.19 | cps |
| Rhodium | 103-2 | 4352827 | 4370021 | 4310385 | 4344411 | 0.71 | cps |
| Scandium | 45-1 | 4190999 | 4138558 | 4114566 | 4148041 | 0.94 | cps |
| Scandium | 45-2 | 372866 | 371431 | 372829 | 372375 | 0.22 | cps |
| Selenium | 82-1 | 11958 | 12203 | 12327 | 12163 | 1.54 | cps |
| Selenium | 77-2 | 1140 | 1083 | 1067 | 1097 | 3.50 | cps |
| Selenium | 78-2 | 4031 | 3911 | 3891 | 3944 | 1.92 | cps |
| Silicon | 28-1 | 8014265 | 8134506 | 8110602 | 8086458 | 0.79 | cps |
| Silver | 107-1 | 365222 | 370723 | 370220 | 368721 | 0.82 | cps |
| Silver | 109-1 | 345029 | 347500 | 351927 | 348152 | 1.00 | cps |
| Sodium | 23-2 | 75169 | 76020 | 75882 | 75690 | 0.60 | cps |
| Strontium | 86-1 | 76149 | 77332 | 78635 | 77372 | 1.61 | cps |
| Strontium | 88-1 | 668566 | 675094 | 677302 | 673654 | 0.67 | cps |
| Sulfur | 34-1 | 115321 | 114673 | 112776 | 114257 | 1.16 | cps |
| Terbium | 159-1 | 11002515 | 10908179 | 10924027 | 10944907 | 0.46 | cps |
| Terbium | 159-2 | 6509516 | 6450050 | 6428156 | 6462574 | 0.65 | cps |
| Thallium | 203-1 | 318873 | 323498 | 321619 | 321330 | 0.72 | cps |
| Thallium | 205-1 | 762342 | 771497 | 771233 | 768357 | 0.68 | cps |
| Tin | 118-1 | 5394 | 5805 | 5474 | 5558 | 3.91 | cps |
| Titanium | 47-1 | 291650 | 292941 | 293576 | 292722 | 0.34 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4519-03MSDLX4 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4K2SRE | Dilution Factor : | 4 |
| Date & Time Acquired : | 2024-11-03 00:11:39 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7899 | 8216 | 7919 | 8011 | 2.21 | cps |
| Vanadium | 51-2 | 1316865 | 1290118 | 1301065 | 1302683 | 1.03 | cps |
| Yttrium | 89-1 | 13166049 | 13087082 | 12946771 | 13066634 | 0.85 | cps |
| Yttrium | 89-2 | 3133358 | 3143303 | 3136635 | 3137765 | 0.16 | cps |
| Zinc | 66-2 | 267511 | 265393 | 263802 | 265569 | 0.70 | cps |
| Zirconium | 90-1 | 19900 | 20361 | 20481 | 20247 | 1.51 | cps |
| Zirconium | 91-1 | 4721 | 4681 | 4561 | 4654 | 1.79 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1117 | 1320 | 1403 | 1280 | 11.52 | cps |
| Antimony | 121-1 | 507 | 537 | 487 | 510 | 4.93 | cps |
| Arsenic | 75-2 | 17 | 7 | 13 | 12 | 41.65 | cps |
| Barium | 135-1 | 547 | 420 | 513 | 493 | 13.31 | cps |
| Barium | 137-1 | 777 | 763 | 863 | 801 | 6.78 | cps |
| Beryllium | 9-1 | 44 | 39 | 50 | 44 | 12.50 | cps |
| Bismuth | 209-1 | 6838199 | 5640322 | 6669622 | 6382714 | 10.16 | cps |
| Bismuth | 209-2 | 4824617 | 4734959 | 4747092 | 4768889 | 1.02 | cps |
| Bromine | 81-1 | 11291 | 10731 | 10864 | 10962 | 2.67 | cps |
| Bromine | 81-2 | 70 | 97 | 83 | 83 | 16.00 | cps |
| Cadmium | 108-1 | 17 | 7 | 23 | 16 | 53.90 | cps |
| Cadmium | 106-1 | 2474 | 2027 | 2257 | 2252 | 9.92 | cps |
| Cadmium | 111-1 | 1727 | 1441 | 1593 | 1587 | 9.01 | cps |
| Calcium | 43-1 | 360 | 373 | 447 | 393 | 11.86 | cps |
| Calcium | 44-1 | 12032 | 11084 | 11685 | 11600 | 4.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 680 | 690 | 713 | 694 | 2.46 | cps |
| Cobalt | 59-2 | 223 | 207 | 177 | 202 | 11.69 | cps |
| Copper | 63-2 | 1040 | 1137 | 1160 | 1112 | 5.72 | cps |
| Dysprosium | 156-1 | 30 | 30 | 30 | 30 | 0.00 | cps |
| Dysprosium | 156-2 | 7 | 13 | 7 | 9 | 43.25 | cps |
| Erbium | 164-1 | 73 | 70 | 97 | 80 | 18.17 | cps |
| Erbium | 164-2 | 33 | 40 | 47 | 40 | 16.68 | cps |
| Gadolinium | 160-1 | 57 | 37 | 47 | 47 | 21.43 | cps |
| Gadolinium | 160-2 | 243 | 270 | 220 | 244 | 10.24 | cps |
| Holmium | 165-1 | 10687938 | 8625969 | 10545766 | 9953224 | 11.57 | cps |
| Holmium | 165-2 | 6530221 | 6421619 | 6541869 | 6497903 | 1.02 | cps |
| Indium | 115-1 | 8190855 | 6562452 | 8068842 | 7607383 | 11.92 | cps |
| Indium | 115-2 | 2554494 | 2502291 | 2548273 | 2535019 | 1.12 | cps |
| Iron | 56-2 | 74729 | 79594 | 81669 | 78664 | 4.53 | cps |
| Iron | 57-2 | 2617 | 2974 | 2844 | 2811 | 6.42 | cps |
| Iron | 54-2 | 5071 | 5238 | 5368 | 5225 | 2.85 | cps |
| Krypton | 83-1 | 173 | 200 | 183 | 186 | 7.26 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 720 | 627 | 750 | 699 | 9.20 | cps |
| Lead | 207-1 | 580 | 593 | 600 | 591 | 1.72 | cps |
| Lead | 208-1 | 2630 | 2570 | 2687 | 2629 | 2.22 | cps |
| Lithium | 6-1 | 1264079 | 1027636 | 1229345 | 1173687 | 10.88 | cps |
| Magnesium | 24-2 | 1670 | 1653 | 1703 | 1676 | 1.52 | cps |
| Manganese | 55-2 | 1183 | 1493 | 1520 | 1399 | 13.38 | cps |
| Molybdenum | 94-1 | 247 | 220 | 327 | 264 | 20.99 | cps |
| Molybdenum | 95-1 | 153 | 133 | 163 | 150 | 10.18 | cps |
| Molybdenum | 96-1 | 200 | 210 | 220 | 210 | 4.76 | cps |
| Molybdenum | 97-1 | 77 | 120 | 87 | 94 | 24.02 | cps |
| Molybdenum | 98-1 | 210 | 247 | 243 | 233 | 8.69 | cps |
| Neodymium | 150-1 | 27 | 23 | 27 | 26 | 7.55 | cps |
| Neodymium | 150-2 | 13 | 7 | 13 | 11 | 34.61 | cps |
| Nickel | 60-2 | 183 | 213 | 183 | 193 | 8.96 | cps |
| Phosphorus | 31-2 | 97 | 120 | 127 | 114 | 13.76 | cps |
| Potassium | 39-2 | 43121 | 43184 | 42165 | 42823 | 1.33 | cps |
| Rhodium | 103-1 | 7492732 | 6059008 | 7427255 | 6992998 | 11.58 | cps |
| Rhodium | 103-2 | 4397830 | 4394022 | 4341808 | 4377887 | 0.72 | cps |
| Scandium | 45-1 | 4156062 | 3360950 | 4146939 | 3887983 | 11.74 | cps |
| Scandium | 45-2 | 370197 | 369777 | 368394 | 369456 | 0.26 | cps |
| Selenium | 82-1 | 386 | 312 | 364 | 354 | 10.66 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 197 | 167 | 200 | 188 | 9.78 | cps |
| Silicon | 28-1 | 186195 | 189384 | 191617 | 189065 | 1.44 | cps |
| Silver | 107-1 | 380 | 330 | 270 | 327 | 16.86 | cps |
| Silver | 109-1 | 470 | 273 | 283 | 342 | 32.37 | cps |
| Sodium | 23-2 | 14921 | 15168 | 14997 | 15029 | 0.84 | cps |
| Strontium | 86-1 | 510 | 583 | 520 | 538 | 7.39 | cps |
| Strontium | 88-1 | 2107 | 2144 | 2360 | 2204 | 6.21 | cps |
| Sulfur | 34-1 | 108407 | 108549 | 109207 | 108721 | 0.39 | cps |
| Terbium | 159-1 | 10948381 | 8932294 | 10831324 | 10237333 | 11.05 | cps |
| Terbium | 159-2 | 6508709 | 6492166 | 6475342 | 6492072 | 0.26 | cps |
| Thallium | 203-1 | 167 | 190 | 173 | 177 | 6.80 | cps |
| Thallium | 205-1 | 360 | 413 | 420 | 398 | 8.27 | cps |
| Tin | 118-1 | 1627 | 1677 | 1810 | 1705 | 5.57 | cps |
| Titanium | 47-1 | 330 | 290 | 297 | 306 | 7.01 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:14:44 | DataFile Name : | 128CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67 | 63 | 70 | 67 | 5.00 | cps |
| Vanadium | 51-2 | 200 | 140 | 160 | 167 | 18.33 | cps |
| Yttrium | 89-1 | 12937658 | 10488218 | 12797445 | 12074440 | 11.39 | cps |
| Yttrium | 89-2 | 3154355 | 3131125 | 3071166 | 3118882 | 1.38 | cps |
| Zinc | 66-2 | 560 | 643 | 657 | 620 | 8.45 | cps |
| Zirconium | 90-1 | 523 | 463 | 473 | 487 | 6.61 | cps |
| Zirconium | 91-1 | 93 | 93 | 80 | 89 | 8.66 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8689 | 8662 | 8846 | 8733 | 1.13 | cps |
| Antimony | 121-1 | 36941 | 37118 | 36901 | 36986 | 0.31 | cps |
| Arsenic | 75-2 | 877 | 1047 | 1033 | 986 | 9.59 | cps |
| Barium | 135-1 | 46894 | 46977 | 46713 | 46861 | 0.29 | cps |
| Barium | 137-1 | 81652 | 82048 | 81864 | 81855 | 0.24 | cps |
| Beryllium | 9-1 | 2411 | 2550 | 2600 | 2521 | 3.88 | cps |
| Bismuth | 209-1 | 6839385 | 6721048 | 6990813 | 6850415 | 1.97 | cps |
| Bismuth | 209-2 | 4750318 | 4709860 | 4731400 | 4730526 | 0.43 | cps |
| Bromine | 81-1 | 10627 | 10367 | 11338 | 10777 | 4.66 | cps |
| Bromine | 81-2 | 60 | 67 | 77 | 68 | 12.38 | cps |
| Cadmium | 108-1 | 310 | 393 | 327 | 343 | 12.84 | cps |
| Cadmium | 106-1 | 2967 | 2914 | 2800 | 2894 | 2.94 | cps |
| Cadmium | 111-1 | 6107 | 5925 | 6326 | 6119 | 3.28 | cps |
| Calcium | 43-1 | 24126 | 23929 | 24233 | 24096 | 0.64 | cps |
| Calcium | 44-1 | 395521 | 398944 | 398774 | 397746 | 0.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16132 | 15705 | 16372 | 16070 | 2.10 | cps |
| Cobalt | 59-2 | 12242 | 12078 | 11705 | 12008 | 2.29 | cps |
| Copper | 63-2 | 17831 | 18255 | 17751 | 17945 | 1.51 | cps |
| Dysprosium | 156-1 | 13 | 23 | 20 | 19 | 26.96 | cps |
| Dysprosium | 156-2 | 10 | 13 | 10 | 11 | 17.30 | cps |
| Erbium | 164-1 | 87 | 63 | 70 | 73 | 16.39 | cps |
| Erbium | 164-2 | 33 | 50 | 53 | 46 | 23.52 | cps |
| Gadolinium | 160-1 | 47 | 33 | 63 | 48 | 31.46 | cps |
| Gadolinium | 160-2 | 280 | 267 | 223 | 257 | 11.54 | cps |
| Holmium | 165-1 | 10560768 | 10551370 | 10960595 | 10690911 | 2.19 | cps |
| Holmium | 165-2 | 6495946 | 6364754 | 6311225 | 6390642 | 1.49 | cps |
| Indium | 115-1 | 8042909 | 7940813 | 8295930 | 8093217 | 2.26 | cps |
| Indium | 115-2 | 2485144 | 2484233 | 2503748 | 2491042 | 0.44 | cps |
| Iron | 56-2 | 1409532 | 1390282 | 1377679 | 1392498 | 1.15 | cps |
| Iron | 57-2 | 36588 | 36314 | 36207 | 36369 | 0.54 | cps |
| Iron | 54-2 | 81311 | 78245 | 79961 | 79839 | 1.92 | cps |
| Krypton | 83-1 | 173 | 177 | 213 | 188 | 11.82 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14364 | 15085 | 14491 | 14647 | 2.63 | cps |
| Lead | 207-1 | 13043 | 13056 | 12439 | 12846 | 2.74 | cps |
| Lead | 208-1 | 58643 | 59354 | 57588 | 58529 | 1.52 | cps |
| Lithium | 6-1 | 1256246 | 1233937 | 1262517 | 1250900 | 1.20 | cps |
| Magnesium | 24-2 | 363882 | 360590 | 360305 | 361592 | 0.55 | cps |
| Manganese | 55-2 | 6962 | 6441 | 6261 | 6555 | 5.55 | cps |
| Molybdenum | 94-1 | 38557 | 39099 | 38277 | 38644 | 1.08 | cps |
| Molybdenum | 95-1 | 47065 | 46413 | 46209 | 46563 | 0.96 | cps |
| Molybdenum | 96-1 | 51055 | 51644 | 51517 | 51405 | 0.60 | cps |
| Molybdenum | 97-1 | 29156 | 29463 | 29510 | 29376 | 0.65 | cps |
| Molybdenum | 98-1 | 74250 | 74532 | 75155 | 74646 | 0.62 | cps |
| Neodymium | 150-1 | 30 | 13 | 27 | 23 | 37.81 | cps |
| Neodymium | 150-2 | 13 | 7 | 10 | 10 | 33.30 | cps |
| Nickel | 60-2 | 3244 | 3077 | 3214 | 3178 | 2.80 | cps |
| Phosphorus | 31-2 | 127 | 137 | 103 | 122 | 14.00 | cps |
| Potassium | 39-2 | 473807 | 466723 | 466293 | 468941 | 0.90 | cps |
| Rhodium | 103-1 | 7387831 | 7381918 | 7671481 | 7480410 | 2.21 | cps |
| Rhodium | 103-2 | 4372845 | 4327509 | 4356704 | 4352353 | 0.53 | cps |
| Scandium | 45-1 | 4115155 | 4102346 | 4292993 | 4170165 | 2.56 | cps |
| Scandium | 45-2 | 373358 | 367028 | 366676 | 369020 | 1.02 | cps |
| Selenium | 82-1 | 1861 | 1810 | 1781 | 1817 | 2.25 | cps |
| Selenium | 77-2 | 147 | 133 | 183 | 154 | 16.77 | cps |
| Selenium | 78-2 | 660 | 593 | 583 | 612 | 6.81 | cps |
| Silicon | 28-1 | 271346 | 275155 | 276714 | 274405 | 1.01 | cps |
| Silver | 107-1 | 22010 | 22638 | 22501 | 22383 | 1.47 | cps |
| Silver | 109-1 | 20491 | 21019 | 21416 | 20975 | 2.21 | cps |
| Sodium | 23-2 | 592812 | 583778 | 584986 | 587192 | 0.84 | cps |
| Strontium | 86-1 | 6211 | 6768 | 6515 | 6498 | 4.29 | cps |
| Strontium | 88-1 | 53714 | 54755 | 54487 | 54319 | 0.99 | cps |
| Sulfur | 34-1 | 117094 | 120669 | 124687 | 120817 | 3.14 | cps |
| Terbium | 159-1 | 10796249 | 10673485 | 11236307 | 10902014 | 2.71 | cps |
| Terbium | 159-2 | 6472864 | 6371374 | 6393043 | 6412427 | 0.83 | cps |
| Thallium | 203-1 | 16847 | 17331 | 16797 | 16992 | 1.74 | cps |
| Thallium | 205-1 | 41095 | 41817 | 41707 | 41540 | 0.94 | cps |
| Tin | 118-1 | 1687 | 1913 | 1780 | 1793 | 6.35 | cps |
| Titanium | 47-1 | 11564 | 11371 | 11578 | 11504 | 1.01 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:17:59 | DataFile Name : | 129LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53001 | 52761 | 52690 | 52817 | 0.31 | cps |
| Vanadium | 51-2 | 32979 | 33293 | 33156 | 33143 | 0.48 | cps |
| Yttrium | 89-1 | 12782349 | 12567619 | 13279250 | 12876406 | 2.83 | cps |
| Yttrium | 89-2 | 3122615 | 3061793 | 3081176 | 3088528 | 1.01 | cps |
| Zinc | 66-2 | 7202 | 7025 | 7375 | 7201 | 2.43 | cps |
| Zirconium | 90-1 | 32229 | 32559 | 32583 | 32457 | 0.61 | cps |
| Zirconium | 91-1 | 7375 | 7482 | 7135 | 7331 | 2.42 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5671 | 5781 | 6025 | 5826 | 3.11 | cps |
| Antimony | 121-1 | 18068 | 18235 | 18295 | 18199 | 0.65 | cps |
| Arsenic | 75-2 | 510 | 427 | 573 | 503 | 14.61 | cps |
| Barium | 135-1 | 23075 | 23630 | 23206 | 23304 | 1.24 | cps |
| Barium | 137-1 | 40116 | 41123 | 40798 | 40679 | 1.26 | cps |
| Beryllium | 9-1 | 1322 | 1261 | 1356 | 1313 | 3.65 | cps |
| Bismuth | 209-1 | 6686625 | 6743837 | 6658758 | 6696406 | 0.65 | cps |
| Bismuth | 209-2 | 4652398 | 4386254 | 4590170 | 4542940 | 3.06 | cps |
| Bromine | 81-1 | 10727 | 10694 | 10594 | 10672 | 0.65 | cps |
| Bromine | 81-2 | 43 | 73 | 57 | 58 | 26.01 | cps |
| Cadmium | 108-1 | 197 | 187 | 140 | 174 | 17.34 | cps |
| Cadmium | 106-1 | 2694 | 2687 | 2600 | 2660 | 1.96 | cps |
| Cadmium | 111-1 | 3828 | 3954 | 4032 | 3938 | 2.62 | cps |
| Calcium | 43-1 | 11951 | 12215 | 12338 | 12168 | 1.62 | cps |
| Calcium | 44-1 | 200946 | 205313 | 205715 | 203991 | 1.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8316 | 8449 | 8746 | 8504 | 2.59 | cps |
| Cobalt | 59-2 | 6021 | 6135 | 5981 | 6046 | 1.32 | cps |
| Copper | 63-2 | 9580 | 9320 | 9166 | 9355 | 2.24 | cps |
| Dysprosium | 156-1 | 23 | 33 | 43 | 33 | 30.00 | cps |
| Dysprosium | 156-2 | 10 | 13 | 30 | 18 | 60.28 | cps |
| Erbium | 164-1 | 60 | 60 | 77 | 66 | 14.68 | cps |
| Erbium | 164-2 | 27 | 40 | 47 | 38 | 26.95 | cps |
| Gadolinium | 160-1 | 43 | 57 | 37 | 46 | 22.36 | cps |
| Gadolinium | 160-2 | 197 | 323 | 240 | 253 | 25.41 | cps |
| Holmium | 165-1 | 10518849 | 10355498 | 10356165 | 10410171 | 0.90 | cps |
| Holmium | 165-2 | 6256362 | 5980978 | 6363191 | 6200177 | 3.18 | cps |
| Indium | 115-1 | 8066972 | 7976627 | 8125590 | 8056396 | 0.93 | cps |
| Indium | 115-2 | 2532078 | 2360710 | 2531509 | 2474765 | 3.99 | cps |
| Iron | 56-2 | 754627 | 755813 | 768012 | 759484 | 0.98 | cps |
| Iron | 57-2 | 20150 | 19987 | 19723 | 19953 | 1.08 | cps |
| Iron | 54-2 | 42954 | 42055 | 44148 | 43052 | 2.44 | cps |
| Krypton | 83-1 | 157 | 233 | 183 | 191 | 20.37 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7119 | 7209 | 7659 | 7329 | 3.95 | cps |
| Lead | 207-1 | 6668 | 6568 | 6425 | 6554 | 1.87 | cps |
| Lead | 208-1 | 29199 | 29239 | 29813 | 29417 | 1.17 | cps |
| Lithium | 6-1 | 1239556 | 1215959 | 1202045 | 1219186 | 1.56 | cps |
| Magnesium | 24-2 | 182734 | 180640 | 180579 | 181318 | 0.68 | cps |
| Manganese | 55-2 | 3977 | 3844 | 4501 | 4107 | 8.45 | cps |
| Molybdenum | 94-1 | 18839 | 19293 | 19096 | 19076 | 1.19 | cps |
| Molybdenum | 95-1 | 22143 | 23425 | 23896 | 23155 | 3.92 | cps |
| Molybdenum | 96-1 | 25713 | 26117 | 26344 | 26058 | 1.23 | cps |
| Molybdenum | 97-1 | 14120 | 14531 | 14848 | 14499 | 2.52 | cps |
| Molybdenum | 98-1 | 37124 | 37612 | 37712 | 37482 | 0.84 | cps |
| Neodymium | 150-1 | 23 | 27 | 20 | 23 | 14.29 | cps |
| Neodymium | 150-2 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Nickel | 60-2 | 1610 | 1693 | 1777 | 1693 | 4.92 | cps |
| Phosphorus | 31-2 | 103 | 147 | 147 | 132 | 18.92 | cps |
| Potassium | 39-2 | 257645 | 257171 | 256025 | 256947 | 0.32 | cps |
| Rhodium | 103-1 | 7476591 | 7374883 | 7462537 | 7438004 | 0.74 | cps |
| Rhodium | 103-2 | 4281331 | 4156305 | 4289208 | 4242282 | 1.76 | cps |
| Scandium | 45-1 | 4166530 | 4194334 | 4194797 | 4185220 | 0.39 | cps |
| Scandium | 45-2 | 374315 | 353305 | 371733 | 366451 | 3.13 | cps |
| Selenium | 82-1 | 1111 | 1088 | 1043 | 1081 | 3.23 | cps |
| Selenium | 77-2 | 77 | 77 | 83 | 79 | 4.87 | cps |
| Selenium | 78-2 | 507 | 467 | 487 | 487 | 4.11 | cps |
| Silicon | 28-1 | 231598 | 233503 | 236444 | 233849 | 1.04 | cps |
| Silver | 107-1 | 11281 | 11668 | 11261 | 11403 | 2.01 | cps |
| Silver | 109-1 | 10417 | 10431 | 10928 | 10592 | 2.75 | cps |
| Sodium | 23-2 | 302631 | 301575 | 298939 | 301049 | 0.63 | cps |
| Strontium | 86-1 | 3387 | 3354 | 3384 | 3375 | 0.54 | cps |
| Strontium | 88-1 | 27436 | 27850 | 27553 | 27613 | 0.77 | cps |
| Sulfur | 34-1 | 126182 | 126703 | 129194 | 127360 | 1.26 | cps |
| Terbium | 159-1 | 10730962 | 10788401 | 10639480 | 10719614 | 0.70 | cps |
| Terbium | 159-2 | 6250732 | 6063093 | 6301279 | 6205035 | 2.02 | cps |
| Thallium | 203-1 | 8393 | 8353 | 8473 | 8406 | 0.73 | cps |
| Thallium | 205-1 | 20105 | 19888 | 20566 | 20186 | 1.71 | cps |
| Tin | 118-1 | 1557 | 1650 | 1717 | 1641 | 4.90 | cps |
| Titanium | 47-1 | 5761 | 6228 | 6138 | 6042 | 4.10 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | PB164452BSD | Instrumnet Name : | P7 |
| Client Sample ID : | LCSD452 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:21:14 | DataFile Name : | 130LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25922 | 26019 | 25658 | 25866 | 0.72 | cps |
| Vanadium | 51-2 | 16479 | 16472 | 16796 | 16583 | 1.12 | cps |
| Yttrium | 89-1 | 12829788 | 12759608 | 12784696 | 12791364 | 0.28 | cps |
| Yttrium | 89-2 | 3088805 | 2942182 | 3081306 | 3037431 | 2.72 | cps |
| Zinc | 66-2 | 3797 | 4017 | 3887 | 3901 | 2.84 | cps |
| Zirconium | 90-1 | 16272 | 15992 | 16449 | 16238 | 1.42 | cps |
| Zirconium | 91-1 | 3620 | 3684 | 3644 | 3649 | 0.88 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12200366 | 12192004 | 12211642 | 12201337 | 0.08 | cps |
| Antimony | 121-1 | 25773 | 26014 | 25787 | 25858 | 0.52 | cps |
| Arsenic | 75-2 | 84033 | 83245 | 82957 | 83411 | 0.67 | cps |
| Barium | 135-1 | 2146884 | 2186788 | 2152473 | 2162048 | 1.00 | cps |
| Barium | 137-1 | 3678662 | 3768152 | 3725148 | 3723987 | 1.20 | cps |
| Beryllium | 9-1 | 2884 | 3017 | 3356 | 3086 | 7.89 | cps |
| Bismuth | 209-1 | 6708436 | 6673576 | 6532096 | 6638036 | 1.41 | cps |
| Bismuth | 209-2 | 4608172 | 4631919 | 4612459 | 4617517 | 0.27 | cps |
| Bromine | 81-1 | 13990 | 14447 | 13827 | 14088 | 2.28 | cps |
| Bromine | 81-2 | 1000 | 1053 | 880 | 978 | 9.08 | cps |
| Cadmium | 108-1 | 750 | 717 | 830 | 766 | 7.61 | cps |
| Cadmium | 106-1 | 3814 | 3624 | 3924 | 3787 | 4.01 | cps |
| Cadmium | 111-1 | 9510 | 9724 | 9884 | 9706 | 1.94 | cps |
| Calcium | 43-1 | 287992 | 286980 | 286919 | 287297 | 0.21 | cps |
| Calcium | 44-1 | 4405756 | 4449454 | 4330503 | 4395237 | 1.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 537277 | 531426 | 535600 | 534768 | 0.56 | cps |
| Cobalt | 59-2 | 486844 | 485728 | 482997 | 485190 | 0.41 | cps |
| Copper | 63-2 | 1803586 | 1808301 | 1810481 | 1807456 | 0.19 | cps |
| Dysprosium | 156-1 | 116599 | 119086 | 119298 | 118328 | 1.27 | cps |
| Dysprosium | 156-2 | 89704 | 90019 | 90459 | 90061 | 0.42 | cps |
| Erbium | 164-1 | 90303 | 88907 | 90282 | 89831 | 0.89 | cps |
| Erbium | 164-2 | 55329 | 54847 | 55443 | 55206 | 0.57 | cps |
| Gadolinium | 160-1 | 109490 | 110696 | 111035 | 110407 | 0.74 | cps |
| Gadolinium | 160-2 | 71682 | 70798 | 71608 | 71363 | 0.69 | cps |
| Holmium | 165-1 | 10454263 | 10704351 | 10601163 | 10586592 | 1.19 | cps |
| Holmium | 165-2 | 6505325 | 6414718 | 6495622 | 6471888 | 0.77 | cps |
| Indium | 115-1 | 7866535 | 7872903 | 7753514 | 7830984 | 0.86 | cps |
| Indium | 115-2 | 2413874 | 2410654 | 2384402 | 2402976 | 0.67 | cps |
| Iron | 56-2 | 486118686 | 481961233 | 481017620 | 483032513 | 0.56 | cps |
| Iron | 57-2 | 11955260 | 11982309 | 11979886 | 11972485 | 0.13 | cps |
| Iron | 54-2 | 26458725 | 26251202 | 26378720 | 26362882 | 0.40 | cps |
| Krypton | 83-1 | 277 | 247 | 300 | 274 | 9.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 886132 | 894161 | 898929 | 893074 | 0.72 | cps |
| Lead | 207-1 | 783673 | 784212 | 800011 | 789299 | 1.18 | cps |
| Lead | 208-1 | 3873839 | 3853625 | 3940886 | 3889450 | 1.17 | cps |
| Lithium | 6-1 | 1236682 | 1233809 | 1224305 | 1231599 | 0.53 | cps |
| Magnesium | 24-2 | 10843889 | 10952209 | 10673289 | 10823129 | 1.30 | cps |
| Manganese | 55-2 | 11348309 | 11336779 | 11253589 | 11312892 | 0.46 | cps |
| Molybdenum | 94-1 | 111601 | 113741 | 112931 | 112758 | 0.96 | cps |
| Molybdenum | 95-1 | 9530 | 9737 | 9383 | 9550 | 1.86 | cps |
| Molybdenum | 96-1 | 34738 | 35136 | 34925 | 34933 | 0.57 | cps |
| Molybdenum | 97-1 | 5728 | 5941 | 5658 | 5776 | 2.56 | cps |
| Molybdenum | 98-1 | 14053 | 13970 | 13947 | 13990 | 0.40 | cps |
| Neodymium | 150-1 | 223270 | 227037 | 226535 | 225614 | 0.91 | cps |
| Neodymium | 150-2 | 117504 | 117760 | 117444 | 117570 | 0.14 | cps |
| Nickel | 60-2 | 219868 | 220514 | 218921 | 219768 | 0.36 | cps |
| Phosphorus | 31-2 | 29288 | 29712 | 29582 | 29527 | 0.74 | cps |
| Potassium | 39-2 | 5294414 | 5217333 | 5177368 | 5229705 | 1.14 | cps |
| Rhodium | 103-1 | 7082127 | 7099672 | 6950873 | 7044224 | 1.15 | cps |
| Rhodium | 103-2 | 4172745 | 4164148 | 4143585 | 4160159 | 0.36 | cps |
| Scandium | 45-1 | 4509691 | 4477501 | 4390880 | 4459358 | 1.38 | cps |
| Scandium | 45-2 | 400549 | 396728 | 396647 | 397975 | 0.56 | cps |
| Selenium | 82-1 | 618 | 695 | 695 | 670 | 6.62 | cps |
| Selenium | 77-2 | 350 | 390 | 373 | 371 | 5.41 | cps |
| Selenium | 78-2 | 573 | 610 | 500 | 561 | 9.98 | cps |
| Silicon | 28-1 | 39657260 | 39529006 | 38943426 | 39376564 | 0.97 | cps |
| Silver | 107-1 | 9650 | 9096 | 9063 | 9270 | 3.56 | cps |
| Silver | 109-1 | 9523 | 8679 | 8626 | 8943 | 5.63 | cps |
| Sodium | 23-2 | 125362 | 125496 | 126488 | 125782 | 0.49 | cps |
| Strontium | 86-1 | 319412 | 322108 | 319653 | 320391 | 0.47 | cps |
| Strontium | 88-1 | 2902998 | 2893235 | 2907879 | 2901370 | 0.26 | cps |
| Sulfur | 34-1 | 119570 | 117908 | 116889 | 118122 | 1.15 | cps |
| Terbium | 159-1 | 10773191 | 10833897 | 10716409 | 10774499 | 0.55 | cps |
| Terbium | 159-2 | 6360821 | 6391466 | 6415669 | 6389319 | 0.43 | cps |
| Thallium | 203-1 | 62402 | 64351 | 64475 | 63743 | 1.82 | cps |
| Thallium | 205-1 | 152302 | 154800 | 154227 | 153776 | 0.85 | cps |
| Tin | 118-1 | 32630 | 32580 | 32851 | 32687 | 0.44 | cps |
| Titanium | 47-1 | 1652605 | 1808885 | 1606748 | 1689413 | 6.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:24:29 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 52714 | 53611 | 54310 | 53545 | 1.49 | cps |
| Vanadium | 51-2 | 940937 | 939575 | 939079 | 939864 | 0.10 | cps |
| Yttrium | 89-1 | 13945415 | 13830714 | 13791068 | 13855732 | 0.58 | cps |
| Yttrium | 89-2 | 3410460 | 3301807 | 3341698 | 3351322 | 1.64 | cps |
| Zinc | 66-2 | 272925 | 269243 | 271001 | 271057 | 0.68 | cps |
| Zirconium | 90-1 | 289660 | 291219 | 290478 | 290453 | 0.27 | cps |
| Zirconium | 91-1 | 64846 | 66275 | 65070 | 65397 | 1.18 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11870511 | 11901982 | 11855368 | 11875953 | 0.20 | cps |
| Antimony | 121-1 | 25239 | 25513 | 26491 | 25748 | 2.56 | cps |
| Arsenic | 75-2 | 81157 | 80651 | 81284 | 81030 | 0.41 | cps |
| Barium | 135-1 | 2067597 | 2089635 | 2145828 | 2101020 | 1.92 | cps |
| Barium | 137-1 | 3641738 | 3605938 | 3715493 | 3654390 | 1.53 | cps |
| Beryllium | 9-1 | 2784 | 2834 | 2867 | 2828 | 1.48 | cps |
| Bismuth | 209-1 | 6848355 | 6722547 | 5958351 | 6509751 | 7.40 | cps |
| Bismuth | 209-2 | 4620118 | 4683054 | 4733273 | 4678815 | 1.21 | cps |
| Bromine | 81-1 | 13229 | 13863 | 13963 | 13685 | 2.91 | cps |
| Bromine | 81-2 | 933 | 997 | 1003 | 978 | 3.95 | cps |
| Cadmium | 108-1 | 627 | 737 | 867 | 743 | 16.16 | cps |
| Cadmium | 106-1 | 3741 | 3794 | 3460 | 3665 | 4.89 | cps |
| Cadmium | 111-1 | 9301 | 9215 | 9398 | 9305 | 0.98 | cps |
| Calcium | 43-1 | 271244 | 275199 | 276276 | 274239 | 0.97 | cps |
| Calcium | 44-1 | 4129558 | 4158113 | 4242714 | 4176795 | 1.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 517782 | 519305 | 519411 | 518833 | 0.18 | cps |
| Cobalt | 59-2 | 474728 | 471902 | 473360 | 473330 | 0.30 | cps |
| Copper | 63-2 | 1753961 | 1770541 | 1754612 | 1759704 | 0.53 | cps |
| Dysprosium | 156-1 | 115217 | 118125 | 118245 | 117196 | 1.46 | cps |
| Dysprosium | 156-2 | 86212 | 87426 | 87916 | 87185 | 1.01 | cps |
| Erbium | 164-1 | 87213 | 89732 | 89256 | 88734 | 1.51 | cps |
| Erbium | 164-2 | 53435 | 53114 | 53830 | 53460 | 0.67 | cps |
| Gadolinium | 160-1 | 106061 | 108139 | 110233 | 108144 | 1.93 | cps |
| Gadolinium | 160-2 | 71156 | 70215 | 70067 | 70479 | 0.84 | cps |
| Holmium | 165-1 | 10724768 | 10855006 | 9413061 | 10330945 | 7.72 | cps |
| Holmium | 165-2 | 6558625 | 6689149 | 6609237 | 6619004 | 0.99 | cps |
| Indium | 115-1 | 7860043 | 7923847 | 6873484 | 7552458 | 7.80 | cps |
| Indium | 115-2 | 2475246 | 2430323 | 2470626 | 2458731 | 1.01 | cps |
| Iron | 56-2 | 467103206 | 474070313 | 472530780 | 471234766 | 0.78 | cps |
| Iron | 57-2 | 11697496 | 11728486 | 11634274 | 11686752 | 0.41 | cps |
| Iron | 54-2 | 25693449 | 25667036 | 25823932 | 25728139 | 0.33 | cps |
| Krypton | 83-1 | 260 | 300 | 220 | 260 | 15.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 881463 | 884363 | 897140 | 887655 | 0.94 | cps |
| Lead | 207-1 | 774328 | 782383 | 790910 | 782540 | 1.06 | cps |
| Lead | 208-1 | 3839728 | 3822360 | 3896437 | 3852842 | 1.01 | cps |
| Lithium | 6-1 | 1241861 | 1233327 | 1106637 | 1193942 | 6.34 | cps |
| Magnesium | 24-2 | 10552554 | 10624958 | 10535455 | 10570989 | 0.45 | cps |
| Manganese | 55-2 | 10971583 | 11152989 | 11093728 | 11072767 | 0.84 | cps |
| Molybdenum | 94-1 | 107182 | 108746 | 110361 | 108763 | 1.46 | cps |
| Molybdenum | 95-1 | 8202 | 8956 | 9096 | 8752 | 5.49 | cps |
| Molybdenum | 96-1 | 32803 | 34477 | 34020 | 33767 | 2.56 | cps |
| Molybdenum | 97-1 | 5498 | 5424 | 5464 | 5462 | 0.67 | cps |
| Molybdenum | 98-1 | 13243 | 13757 | 13760 | 13586 | 2.19 | cps |
| Neodymium | 150-1 | 218358 | 223138 | 224855 | 222117 | 1.52 | cps |
| Neodymium | 150-2 | 113405 | 113782 | 114725 | 113971 | 0.60 | cps |
| Nickel | 60-2 | 213954 | 215345 | 212784 | 214028 | 0.60 | cps |
| Phosphorus | 31-2 | 28881 | 29158 | 29034 | 29024 | 0.48 | cps |
| Potassium | 39-2 | 4994187 | 5081566 | 5059850 | 5045201 | 0.90 | cps |
| Rhodium | 103-1 | 7034825 | 7101479 | 6216211 | 6784172 | 7.27 | cps |
| Rhodium | 103-2 | 4236538 | 4222994 | 4234556 | 4231363 | 0.17 | cps |
| Scandium | 45-1 | 4374064 | 4372144 | 3911447 | 4219218 | 6.32 | cps |
| Scandium | 45-2 | 402748 | 401511 | 403427 | 402562 | 0.24 | cps |
| Selenium | 82-1 | 619 | 583 | 685 | 629 | 8.24 | cps |
| Selenium | 77-2 | 390 | 410 | 370 | 390 | 5.13 | cps |
| Selenium | 78-2 | 513 | 537 | 557 | 536 | 4.05 | cps |
| Silicon | 28-1 | 38249975 | 38875352 | 38948149 | 38691159 | 0.99 | cps |
| Silver | 107-1 | 8419 | 8903 | 8969 | 8764 | 3.43 | cps |
| Silver | 109-1 | 7762 | 7989 | 8309 | 8020 | 3.43 | cps |
| Sodium | 23-2 | 123776 | 126421 | 124794 | 124997 | 1.07 | cps |
| Strontium | 86-1 | 302854 | 308070 | 312748 | 307891 | 1.61 | cps |
| Strontium | 88-1 | 2759756 | 2808370 | 2837542 | 2801889 | 1.40 | cps |
| Sulfur | 34-1 | 115569 | 116685 | 118008 | 116754 | 1.05 | cps |
| Terbium | 159-1 | 10960961 | 11058677 | 9610350 | 10543329 | 7.68 | cps |
| Terbium | 159-2 | 6583761 | 6577827 | 6574860 | 6578816 | 0.07 | cps |
| Thallium | 203-1 | 56286 | 58157 | 57758 | 57400 | 1.72 | cps |
| Thallium | 205-1 | 135046 | 136510 | 136387 | 135981 | 0.60 | cps |
| Tin | 118-1 | 31003 | 32039 | 32607 | 31883 | 2.55 | cps |
| Titanium | 47-1 | 1546628 | 1570887 | 1575600 | 1564372 | 0.99 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:27:33 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53155 | 53781 | 54160 | 53699 | 0.94 | cps |
| Vanadium | 51-2 | 920538 | 915764 | 920122 | 918808 | 0.29 | cps |
| Yttrium | 89-1 | 13632319 | 13786731 | 12236265 | 13218438 | 6.46 | cps |
| Yttrium | 89-2 | 3309013 | 3356256 | 3318239 | 3327836 | 0.75 | cps |
| Zinc | 66-2 | 261662 | 265148 | 263222 | 263344 | 0.66 | cps |
| Zirconium | 90-1 | 275000 | 282967 | 294450 | 284139 | 3.44 | cps |
| Zirconium | 91-1 | 61464 | 62717 | 64695 | 62959 | 2.59 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2414608 | 2396523 | 2393105 | 2401412 | 0.48 | cps |
| Antimony | 121-1 | 5228 | 5164 | 5068 | 5153 | 1.56 | cps |
| Arsenic | 75-2 | 16463 | 16439 | 16753 | 16552 | 1.06 | cps |
| Barium | 135-1 | 391156 | 392760 | 394922 | 392946 | 0.48 | cps |
| Barium | 137-1 | 681312 | 681334 | 684812 | 682486 | 0.30 | cps |
| Beryllium | 9-1 | 606 | 650 | 656 | 637 | 4.30 | cps |
| Bismuth | 209-1 | 6998784 | 6996162 | 7093250 | 7029399 | 0.79 | cps |
| Bismuth | 209-2 | 4834232 | 4793274 | 4869904 | 4832470 | 0.79 | cps |
| Bromine | 81-1 | 10787 | 10394 | 10260 | 10480 | 2.61 | cps |
| Bromine | 81-2 | 213 | 207 | 280 | 233 | 17.38 | cps |
| Cadmium | 108-1 | 130 | 137 | 163 | 143 | 12.31 | cps |
| Cadmium | 106-1 | 2794 | 2654 | 2774 | 2740 | 2.76 | cps |
| Cadmium | 111-1 | 3428 | 3475 | 3357 | 3420 | 1.74 | cps |
| Calcium | 43-1 | 55765 | 55554 | 56474 | 55931 | 0.86 | cps |
| Calcium | 44-1 | 907971 | 914807 | 914485 | 912421 | 0.42 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 105257 | 104881 | 104731 | 104956 | 0.26 | cps |
| Cobalt | 59-2 | 95820 | 97005 | 97081 | 96635 | 0.73 | cps |
| Copper | 63-2 | 346236 | 347113 | 344142 | 345830 | 0.44 | cps |
| Dysprosium | 156-1 | 23880 | 23603 | 23657 | 23713 | 0.62 | cps |
| Dysprosium | 156-2 | 17374 | 18002 | 17828 | 17735 | 1.83 | cps |
| Erbium | 164-1 | 17404 | 17972 | 17761 | 17712 | 1.62 | cps |
| Erbium | 164-2 | 10864 | 11108 | 10834 | 10935 | 1.37 | cps |
| Gadolinium | 160-1 | 21306 | 21707 | 21734 | 21582 | 1.11 | cps |
| Gadolinium | 160-2 | 14394 | 14261 | 14337 | 14331 | 0.47 | cps |
| Holmium | 165-1 | 10872029 | 10885011 | 10803802 | 10853614 | 0.40 | cps |
| Holmium | 165-2 | 6571416 | 6610591 | 6707755 | 6629921 | 1.06 | cps |
| Indium | 115-1 | 8105568 | 8043645 | 8027396 | 8058869 | 0.51 | cps |
| Indium | 115-2 | 2487080 | 2460761 | 2555349 | 2501063 | 1.95 | cps |
| Iron | 56-2 | 95558462 | 95949825 | 94369509 | 95292599 | 0.86 | cps |
| Iron | 57-2 | 2363813 | 2400798 | 2346577 | 2370396 | 1.17 | cps |
| Iron | 54-2 | 5231492 | 5195057 | 5154895 | 5193814 | 0.74 | cps |
| Krypton | 83-1 | 187 | 207 | 203 | 199 | 5.39 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 184395 | 183264 | 183929 | 183863 | 0.31 | cps |
| Lead | 207-1 | 158918 | 161420 | 165315 | 161884 | 1.99 | cps |
| Lead | 208-1 | 728901 | 729061 | 736415 | 731459 | 0.59 | cps |
| Lithium | 6-1 | 1234091 | 1255562 | 1294001 | 1261218 | 2.41 | cps |
| Magnesium | 24-2 | 2130514 | 2145440 | 2113480 | 2129812 | 0.75 | cps |
| Manganese | 55-2 | 2257553 | 2227264 | 2186451 | 2223756 | 1.60 | cps |
| Molybdenum | 94-1 | 22330 | 22170 | 22424 | 22308 | 0.58 | cps |
| Molybdenum | 95-1 | 1893 | 1960 | 1923 | 1926 | 1.73 | cps |
| Molybdenum | 96-1 | 6945 | 6862 | 7032 | 6946 | 1.22 | cps |
| Molybdenum | 97-1 | 1233 | 1190 | 1163 | 1196 | 2.96 | cps |
| Molybdenum | 98-1 | 2900 | 2937 | 3004 | 2947 | 1.78 | cps |
| Neodymium | 150-1 | 44664 | 45202 | 45339 | 45069 | 0.79 | cps |
| Neodymium | 150-2 | 23570 | 22915 | 22538 | 23008 | 2.27 | cps |
| Nickel | 60-2 | 45094 | 43891 | 43961 | 44315 | 1.52 | cps |
| Phosphorus | 31-2 | 5648 | 5568 | 5908 | 5708 | 3.12 | cps |
| Potassium | 39-2 | 1105245 | 1096350 | 1102527 | 1101374 | 0.41 | cps |
| Rhodium | 103-1 | 7343881 | 7315774 | 7357811 | 7339155 | 0.29 | cps |
| Rhodium | 103-2 | 4313105 | 4250610 | 4430358 | 4331358 | 2.11 | cps |
| Scandium | 45-1 | 4102739 | 4151577 | 4093672 | 4115996 | 0.76 | cps |
| Scandium | 45-2 | 371608 | 375182 | 366974 | 371254 | 1.11 | cps |
| Selenium | 82-1 | 468 | 483 | 425 | 459 | 6.58 | cps |
| Selenium | 77-2 | 57 | 70 | 60 | 62 | 11.15 | cps |
| Selenium | 78-2 | 280 | 283 | 267 | 277 | 3.19 | cps |
| Silicon | 28-1 | 7838149 | 7771849 | 7751918 | 7787306 | 0.58 | cps |
| Silver | 107-1 | 1957 | 1933 | 1793 | 1895 | 4.66 | cps |
| Silver | 109-1 | 1733 | 1817 | 1860 | 1803 | 3.57 | cps |
| Sodium | 23-2 | 37579 | 37613 | 37228 | 37473 | 0.57 | cps |
| Strontium | 86-1 | 62843 | 63435 | 62378 | 62885 | 0.84 | cps |
| Strontium | 88-1 | 545258 | 552144 | 551108 | 549503 | 0.68 | cps |
| Sulfur | 34-1 | 107834 | 107162 | 106243 | 107080 | 0.75 | cps |
| Terbium | 159-1 | 10912310 | 10982817 | 11115101 | 11003409 | 0.94 | cps |
| Terbium | 159-2 | 6624263 | 6531767 | 6554994 | 6570341 | 0.73 | cps |
| Thallium | 203-1 | 12943 | 12950 | 13123 | 13005 | 0.79 | cps |
| Thallium | 205-1 | 31319 | 31466 | 31253 | 31346 | 0.35 | cps |
| Tin | 118-1 | 7472 | 7419 | 7872 | 7588 | 3.27 | cps |
| Titanium | 47-1 | 313033 | 314582 | 315957 | 314524 | 0.47 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-11-03 00:30:35 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11128 | 11175 | 10674 | 10992 | 2.51 | cps |
| Vanadium | 51-2 | 184267 | 182128 | 181673 | 182689 | 0.76 | cps |
| Yttrium | 89-1 | 12995677 | 12957971 | 12829250 | 12927632 | 0.68 | cps |
| Yttrium | 89-2 | 3117888 | 3120186 | 3163191 | 3133755 | 0.81 | cps |
| Zinc | 66-2 | 56004 | 56219 | 55914 | 56046 | 0.28 | cps |
| Zirconium | 90-1 | 58012 | 57348 | 56940 | 57433 | 0.94 | cps |
| Zirconium | 91-1 | 12746 | 12892 | 12656 | 12765 | 0.94 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8928355 | 8865931 | 8888659 | 8894315 | 0.36 | cps |
| Antimony | 121-1 | 578828 | 584380 | 586274 | 583161 | 0.66 | cps |
| Arsenic | 75-2 | 71588 | 71009 | 71159 | 71252 | 0.42 | cps |
| Barium | 135-1 | 4710756 | 4772075 | 4742061 | 4741631 | 0.65 | cps |
| Barium | 137-1 | 8186264 | 8271941 | 8225749 | 8227985 | 0.52 | cps |
| Beryllium | 9-1 | 42447 | 42241 | 42642 | 42443 | 0.47 | cps |
| Bismuth | 209-1 | 6960324 | 6979242 | 6932789 | 6957452 | 0.34 | cps |
| Bismuth | 209-2 | 4776437 | 4807822 | 4773752 | 4786004 | 0.40 | cps |
| Bromine | 81-1 | 12455 | 12919 | 13349 | 12908 | 3.46 | cps |
| Bromine | 81-2 | 713 | 783 | 710 | 736 | 5.63 | cps |
| Cadmium | 108-1 | 5171 | 5454 | 4958 | 5194 | 4.80 | cps |
| Cadmium | 106-1 | 9690 | 9873 | 9760 | 9774 | 0.95 | cps |
| Cadmium | 111-1 | 77479 | 78250 | 79785 | 78505 | 1.50 | cps |
| Calcium | 43-1 | 202161 | 204836 | 204278 | 203758 | 0.69 | cps |
| Calcium | 44-1 | 3080999 | 3083971 | 3078932 | 3081301 | 0.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 844908 | 840983 | 840636 | 842175 | 0.28 | cps |
| Cobalt | 59-2 | 2188549 | 2152785 | 2177145 | 2172826 | 0.84 | cps |
| Copper | 63-2 | 1946305 | 1947441 | 1922025 | 1938590 | 0.74 | cps |
| Dysprosium | 156-1 | 87131 | 86568 | 86917 | 86872 | 0.33 | cps |
| Dysprosium | 156-2 | 63456 | 65726 | 65180 | 64787 | 1.83 | cps |
| Erbium | 164-1 | 64920 | 66387 | 66363 | 65890 | 1.28 | cps |
| Erbium | 164-2 | 40308 | 39753 | 40127 | 40063 | 0.71 | cps |
| Gadolinium | 160-1 | 80234 | 79993 | 81147 | 80458 | 0.76 | cps |
| Gadolinium | 160-2 | 52297 | 52548 | 51946 | 52264 | 0.58 | cps |
| Holmium | 165-1 | 11046646 | 10942047 | 10810570 | 10933088 | 1.08 | cps |
| Holmium | 165-2 | 6667094 | 6615623 | 6624030 | 6635582 | 0.42 | cps |
| Indium | 115-1 | 7981039 | 8044211 | 7885072 | 7970107 | 1.01 | cps |
| Indium | 115-2 | 2469645 | 2442908 | 2449536 | 2454030 | 0.57 | cps |
| Iron | 56-2 | 348391808 | 347177035 | 348457595 | 348008813 | 0.21 | cps |
| Iron | 57-2 | 8658650 | 8624992 | 8611666 | 8631769 | 0.28 | cps |
| Iron | 54-2 | 19081620 | 18934328 | 18822862 | 18946270 | 0.69 | cps |
| Krypton | 83-1 | 260 | 303 | 223 | 262 | 15.27 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 743316 | 748484 | 758166 | 749989 | 1.01 | cps |
| Lead | 207-1 | 655299 | 665699 | 676653 | 665883 | 1.60 | cps |
| Lead | 208-1 | 2965173 | 3284200 | 3311180 | 3186851 | 6.04 | cps |
| Lithium | 6-1 | 1250058 | 1265059 | 1253960 | 1256359 | 0.62 | cps |
| Magnesium | 24-2 | 7670370 | 7648378 | 7766067 | 7694938 | 0.81 | cps |
| Manganese | 55-2 | 8912338 | 8866510 | 8850569 | 8876472 | 0.36 | cps |
| Molybdenum | 94-1 | 79440 | 82092 | 80332 | 80621 | 1.67 | cps |
| Molybdenum | 95-1 | 6502 | 6615 | 6818 | 6645 | 2.42 | cps |
| Molybdenum | 96-1 | 24644 | 25292 | 24898 | 24945 | 1.31 | cps |
| Molybdenum | 97-1 | 4127 | 4031 | 4237 | 4132 | 2.50 | cps |
| Molybdenum | 98-1 | 10040 | 10274 | 10424 | 10246 | 1.89 | cps |
| Neodymium | 150-1 | 163870 | 164606 | 166891 | 165122 | 0.95 | cps |
| Neodymium | 150-2 | 85625 | 85088 | 83938 | 84884 | 1.02 | cps |
| Nickel | 60-2 | 599294 | 597469 | 596831 | 597865 | 0.21 | cps |
| Phosphorus | 31-2 | 21031 | 20884 | 20811 | 20909 | 0.54 | cps |
| Potassium | 39-2 | 3707558 | 3663221 | 3714415 | 3695065 | 0.75 | cps |
| Rhodium | 103-1 | 7177203 | 7211574 | 7184502 | 7191093 | 0.25 | cps |
| Rhodium | 103-2 | 4293770 | 4205800 | 4260330 | 4253300 | 1.04 | cps |
| Scandium | 45-1 | 4301850 | 4341958 | 4278712 | 4307506 | 0.74 | cps |
| Scandium | 45-2 | 390658 | 388001 | 386669 | 388443 | 0.52 | cps |
| Selenium | 82-1 | 8940 | 8940 | 9133 | 9004 | 1.23 | cps |
| Selenium | 77-2 | 1220 | 1023 | 970 | 1071 | 12.29 | cps |
| Selenium | 78-2 | 3107 | 2894 | 2970 | 2990 | 3.61 | cps |
| Silicon | 28-1 | 28115655 | 28246925 | 28289159 | 28217246 | 0.32 | cps |
| Silver | 107-1 | 300226 | 304881 | 304394 | 303167 | 0.84 | cps |
| Silver | 109-1 | 287146 | 288174 | 289570 | 288297 | 0.42 | cps |
| Sodium | 23-2 | 94793 | 94531 | 95430 | 94918 | 0.49 | cps |
| Strontium | 86-1 | 224919 | 229694 | 229583 | 228065 | 1.20 | cps |
| Strontium | 88-1 | 2072999 | 2074531 | 2075211 | 2074247 | 0.05 | cps |
| Sulfur | 34-1 | 115277 | 116487 | 116016 | 115927 | 0.53 | cps |
| Terbium | 159-1 | 11299848 | 11146478 | 11109487 | 11185271 | 0.90 | cps |
| Terbium | 159-2 | 6620845 | 6536706 | 6536987 | 6564846 | 0.74 | cps |
| Thallium | 203-1 | 314781 | 315630 | 318814 | 316408 | 0.67 | cps |
| Thallium | 205-1 | 747769 | 762049 | 774152 | 761323 | 1.73 | cps |
| Tin | 118-1 | 24240 | 24040 | 24982 | 24421 | 2.03 | cps |
| Titanium | 47-1 | 1146150 | 1151378 | 1156181 | 1151236 | 0.44 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:33:45 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39876 | 39646 | 40424 | 39982 | 1.00 | cps |
| Vanadium | 51-2 | 1648546 | 1643810 | 1666792 | 1653049 | 0.73 | cps |
| Yttrium | 89-1 | 13656772 | 13635286 | 13526780 | 13606279 | 0.51 | cps |
| Yttrium | 89-2 | 3303323 | 3268632 | 3251401 | 3274452 | 0.81 | cps |
| Zinc | 66-2 | 389505 | 389232 | 389681 | 389472 | 0.06 | cps |
| Zirconium | 90-1 | 205825 | 208860 | 208871 | 207852 | 0.84 | cps |
| Zirconium | 91-1 | 46353 | 46339 | 47062 | 46585 | 0.89 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9308679 | 9415785 | 9267239 | 9330568 | 0.82 | cps |
| Antimony | 121-1 | 2991741 | 3020595 | 3025750 | 3012696 | 0.61 | cps |
| Arsenic | 75-2 | 110386 | 111148 | 110427 | 110654 | 0.39 | cps |
| Barium | 135-1 | 16596411 | 16788621 | 16841906 | 16742312 | 0.77 | cps |
| Barium | 137-1 | 29159202 | 29061549 | 28862026 | 29027592 | 0.52 | cps |
| Beryllium | 9-1 | 194611 | 195715 | 194308 | 194878 | 0.38 | cps |
| Bismuth | 209-1 | 6887981 | 7018264 | 6967254 | 6957833 | 0.94 | cps |
| Bismuth | 209-2 | 4651586 | 4748820 | 4636997 | 4679134 | 1.30 | cps |
| Bromine | 81-1 | 12579 | 13063 | 12559 | 12733 | 2.24 | cps |
| Bromine | 81-2 | 737 | 670 | 743 | 717 | 5.66 | cps |
| Cadmium | 108-1 | 23526 | 24180 | 23890 | 23865 | 1.37 | cps |
| Cadmium | 106-1 | 35192 | 35386 | 34992 | 35190 | 0.56 | cps |
| Cadmium | 111-1 | 358585 | 363642 | 362296 | 361507 | 0.72 | cps |
| Calcium | 43-1 | 190047 | 193456 | 192842 | 192115 | 0.95 | cps |
| Calcium | 44-1 | 2913392 | 2943609 | 2914999 | 2924000 | 0.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2544528 | 2513348 | 2519977 | 2525951 | 0.65 | cps |
| Cobalt | 59-2 | 8890930 | 8844409 | 8866592 | 8867310 | 0.26 | cps |
| Copper | 63-2 | 4181986 | 4204638 | 4148149 | 4178258 | 0.68 | cps |
| Dysprosium | 156-1 | 83285 | 84452 | 85746 | 84494 | 1.46 | cps |
| Dysprosium | 156-2 | 64303 | 63473 | 63138 | 63638 | 0.94 | cps |
| Erbium | 164-1 | 62968 | 64920 | 64193 | 64027 | 1.54 | cps |
| Erbium | 164-2 | 38199 | 38700 | 39402 | 38767 | 1.56 | cps |
| Gadolinium | 160-1 | 76765 | 78173 | 78146 | 77695 | 1.04 | cps |
| Gadolinium | 160-2 | 50333 | 50377 | 50735 | 50482 | 0.44 | cps |
| Holmium | 165-1 | 10809750 | 10873268 | 10603508 | 10762175 | 1.31 | cps |
| Holmium | 165-2 | 6544557 | 6568709 | 6436374 | 6516547 | 1.08 | cps |
| Indium | 115-1 | 7837971 | 7827956 | 7794573 | 7820167 | 0.29 | cps |
| Indium | 115-2 | 2429796 | 2430007 | 2381748 | 2413850 | 1.15 | cps |
| Iron | 56-2 | 338192042 | 339035582 | 336294468 | 337840697 | 0.42 | cps |
| Iron | 57-2 | 8386809 | 8373560 | 8355527 | 8371965 | 0.19 | cps |
| Iron | 54-2 | 18484723 | 18525555 | 18417725 | 18476001 | 0.29 | cps |
| Krypton | 83-1 | 240 | 230 | 280 | 250 | 10.59 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1082710 | 1104101 | 1097704 | 1094838 | 1.00 | cps |
| Lead | 207-1 | 944673 | 963928 | 967117 | 958573 | 1.27 | cps |
| Lead | 208-1 | 4635584 | 4779693 | 4798021 | 4737766 | 1.88 | cps |
| Lithium | 6-1 | 1275051 | 1250892 | 1238132 | 1254692 | 1.49 | cps |
| Magnesium | 24-2 | 7263180 | 7305043 | 7225156 | 7264459 | 0.55 | cps |
| Manganese | 55-2 | 11547916 | 11665108 | 11599795 | 11604273 | 0.51 | cps |
| Molybdenum | 94-1 | 75838 | 78063 | 77346 | 77082 | 1.47 | cps |
| Molybdenum | 95-1 | 6515 | 6435 | 6602 | 6517 | 1.28 | cps |
| Molybdenum | 96-1 | 23903 | 24357 | 24678 | 24313 | 1.60 | cps |
| Molybdenum | 97-1 | 3981 | 3984 | 3961 | 3975 | 0.32 | cps |
| Molybdenum | 98-1 | 9990 | 10347 | 9863 | 10067 | 2.49 | cps |
| Neodymium | 150-1 | 158302 | 159394 | 160916 | 159537 | 0.82 | cps |
| Neodymium | 150-2 | 81594 | 82178 | 81802 | 81858 | 0.36 | cps |
| Nickel | 60-2 | 2355947 | 2362103 | 2345229 | 2354426 | 0.36 | cps |
| Phosphorus | 31-2 | 20016 | 19990 | 19813 | 19940 | 0.55 | cps |
| Potassium | 39-2 | 3494657 | 3511879 | 3460887 | 3489141 | 0.74 | cps |
| Rhodium | 103-1 | 6988542 | 7075302 | 6966119 | 7009988 | 0.82 | cps |
| Rhodium | 103-2 | 4216818 | 4164165 | 4138111 | 4173031 | 0.96 | cps |
| Scandium | 45-1 | 4206722 | 4171828 | 4141726 | 4173425 | 0.78 | cps |
| Scandium | 45-2 | 377213 | 379266 | 372047 | 376175 | 0.99 | cps |
| Selenium | 82-1 | 45113 | 46252 | 46059 | 45808 | 1.33 | cps |
| Selenium | 77-2 | 4537 | 4331 | 4474 | 4447 | 2.38 | cps |
| Selenium | 78-2 | 13927 | 14270 | 13820 | 14006 | 1.68 | cps |
| Silicon | 28-1 | 26565900 | 26879418 | 26835970 | 26760429 | 0.63 | cps |
| Silver | 107-1 | 1411659 | 1422218 | 1431923 | 1421933 | 0.71 | cps |
| Silver | 109-1 | 1339396 | 1349109 | 1352922 | 1347142 | 0.52 | cps |
| Sodium | 23-2 | 91171 | 90792 | 90085 | 90683 | 0.61 | cps |
| Strontium | 86-1 | 216282 | 218264 | 218406 | 217651 | 0.55 | cps |
| Strontium | 88-1 | 1974494 | 1985067 | 1978102 | 1979221 | 0.27 | cps |
| Sulfur | 34-1 | 111298 | 112181 | 112027 | 111835 | 0.42 | cps |
| Terbium | 159-1 | 11116040 | 10983869 | 11010833 | 11036914 | 0.63 | cps |
| Terbium | 159-2 | 6561867 | 6541625 | 6539447 | 6547646 | 0.19 | cps |
| Thallium | 203-1 | 1402987 | 1425271 | 1432306 | 1420188 | 1.08 | cps |
| Thallium | 205-1 | 3985327 | 3959573 | 3942641 | 3962514 | 0.54 | cps |
| Tin | 118-1 | 22988 | 23566 | 23142 | 23232 | 1.29 | cps |
| Titanium | 47-1 | 1082145 | 1092924 | 1088272 | 1087780 | 0.50 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4525-01MS | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4H7SRE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:36:46 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38753 | 39151 | 39515 | 39140 | 0.97 | cps |
| Vanadium | 51-2 | 5338324 | 5294119 | 5280537 | 5304327 | 0.57 | cps |
| Yttrium | 89-1 | 13165087 | 13232024 | 13143829 | 13180313 | 0.35 | cps |
| Yttrium | 89-2 | 3137858 | 3214673 | 3184905 | 3179145 | 1.22 | cps |
| Zinc | 66-2 | 1105697 | 1107896 | 1102251 | 1105281 | 0.26 | cps |
| Zirconium | 90-1 | 194950 | 199255 | 199334 | 197846 | 1.27 | cps |
| Zirconium | 91-1 | 44333 | 44798 | 45179 | 44770 | 0.95 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8997521 | 8972587 | 8939550 | 8969886 | 0.32 | cps |
| Antimony | 121-1 | 27453 | 27503 | 27346 | 27434 | 0.29 | cps |
| Arsenic | 75-2 | 48011 | 49071 | 48415 | 48499 | 1.10 | cps |
| Barium | 135-1 | 1235159 | 1238591 | 1248000 | 1240584 | 0.54 | cps |
| Barium | 137-1 | 2327630 | 2339496 | 2325327 | 2330818 | 0.33 | cps |
| Beryllium | 9-1 | 2311 | 2078 | 2217 | 2202 | 5.33 | cps |
| Bismuth | 209-1 | 6895036 | 7040346 | 6980157 | 6971846 | 1.05 | cps |
| Bismuth | 209-2 | 4716728 | 4720828 | 4711191 | 4716249 | 0.10 | cps |
| Bromine | 81-1 | 13193 | 13179 | 13593 | 13322 | 1.76 | cps |
| Bromine | 81-2 | 753 | 763 | 653 | 723 | 8.41 | cps |
| Cadmium | 108-1 | 547 | 450 | 520 | 506 | 9.88 | cps |
| Cadmium | 106-1 | 3400 | 3417 | 3434 | 3417 | 0.49 | cps |
| Cadmium | 111-1 | 5428 | 5321 | 5367 | 5372 | 1.00 | cps |
| Calcium | 43-1 | 250844 | 253062 | 251493 | 251800 | 0.45 | cps |
| Calcium | 44-1 | 3822251 | 3862545 | 3868218 | 3851005 | 0.65 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 384963 | 383233 | 383453 | 383883 | 0.25 | cps |
| Cobalt | 59-2 | 279891 | 281573 | 278813 | 280092 | 0.50 | cps |
| Copper | 63-2 | 877931 | 885521 | 879426 | 880959 | 0.46 | cps |
| Dysprosium | 156-1 | 85139 | 86692 | 87004 | 86278 | 1.16 | cps |
| Dysprosium | 156-2 | 65009 | 65391 | 64504 | 64968 | 0.69 | cps |
| Erbium | 164-1 | 67482 | 67904 | 67656 | 67681 | 0.31 | cps |
| Erbium | 164-2 | 41923 | 40956 | 41545 | 41475 | 1.17 | cps |
| Gadolinium | 160-1 | 80600 | 79671 | 82440 | 80904 | 1.74 | cps |
| Gadolinium | 160-2 | 52250 | 52454 | 52321 | 52342 | 0.20 | cps |
| Holmium | 165-1 | 10686241 | 10804489 | 10824810 | 10771846 | 0.69 | cps |
| Holmium | 165-2 | 6648107 | 6497090 | 6601402 | 6582200 | 1.17 | cps |
| Indium | 115-1 | 7693915 | 7920275 | 7896235 | 7836808 | 1.59 | cps |
| Indium | 115-2 | 2462340 | 2421516 | 2420374 | 2434743 | 0.98 | cps |
| Iron | 56-2 | 309688029 | 309745842 | 308953649 | 309462507 | 0.14 | cps |
| Iron | 57-2 | 7659532 | 7650914 | 7620661 | 7643702 | 0.27 | cps |
| Iron | 54-2 | 16821759 | 16868129 | 16832834 | 16840907 | 0.14 | cps |
| Krypton | 83-1 | 200 | 247 | 317 | 254 | 23.08 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 465927 | 472356 | 469825 | 469370 | 0.69 | cps |
| Lead | 207-1 | 405999 | 409442 | 409556 | 408332 | 0.49 | cps |
| Lead | 208-1 | 1838803 | 1855801 | 1863862 | 1852822 | 0.69 | cps |
| Lithium | 6-1 | 1215755 | 1209461 | 1214335 | 1213184 | 0.27 | cps |
| Magnesium | 24-2 | 6603369 | 6637059 | 6642238 | 6627555 | 0.32 | cps |
| Manganese | 55-2 | 6493189 | 6472187 | 6432551 | 6465976 | 0.48 | cps |
| Molybdenum | 94-1 | 113848 | 114728 | 115262 | 114613 | 0.62 | cps |
| Molybdenum | 95-1 | 6982 | 7212 | 7088 | 7094 | 1.62 | cps |
| Molybdenum | 96-1 | 30822 | 30645 | 30993 | 30820 | 0.56 | cps |
| Molybdenum | 97-1 | 4254 | 4597 | 4361 | 4404 | 3.99 | cps |
| Molybdenum | 98-1 | 10921 | 11144 | 11121 | 11062 | 1.11 | cps |
| Neodymium | 150-1 | 163533 | 166059 | 166912 | 165501 | 1.06 | cps |
| Neodymium | 150-2 | 84401 | 85189 | 83399 | 84329 | 1.06 | cps |
| Nickel | 60-2 | 142846 | 142631 | 142664 | 142714 | 0.08 | cps |
| Phosphorus | 31-2 | 23645 | 24039 | 24036 | 23907 | 0.95 | cps |
| Potassium | 39-2 | 4496607 | 4471421 | 4462594 | 4476874 | 0.39 | cps |
| Rhodium | 103-1 | 6930170 | 7075811 | 7083478 | 7029819 | 1.23 | cps |
| Rhodium | 103-2 | 4220923 | 4206379 | 4243539 | 4223614 | 0.44 | cps |
| Scandium | 45-1 | 4114861 | 4218438 | 4233966 | 4189088 | 1.55 | cps |
| Scandium | 45-2 | 382700 | 383571 | 383000 | 383091 | 0.12 | cps |
| Selenium | 82-1 | 546 | 567 | 488 | 534 | 7.62 | cps |
| Selenium | 77-2 | 303 | 337 | 283 | 308 | 8.75 | cps |
| Selenium | 78-2 | 450 | 457 | 370 | 426 | 11.33 | cps |
| Silicon | 28-1 | 18173662 | 18113281 | 18332606 | 18206517 | 0.62 | cps |
| Silver | 107-1 | 6578 | 5878 | 5648 | 6035 | 8.03 | cps |
| Silver | 109-1 | 6045 | 5775 | 5171 | 5663 | 7.90 | cps |
| Sodium | 23-2 | 121874 | 123000 | 121582 | 122152 | 0.61 | cps |
| Strontium | 86-1 | 273035 | 275697 | 280190 | 276307 | 1.31 | cps |
| Strontium | 88-1 | 2498301 | 2548726 | 2524386 | 2523804 | 1.00 | cps |
| Sulfur | 34-1 | 122651 | 123568 | 125133 | 123784 | 1.01 | cps |
| Terbium | 159-1 | 11015246 | 11056423 | 10941565 | 11004411 | 0.53 | cps |
| Terbium | 159-2 | 6529251 | 6502118 | 6469916 | 6500428 | 0.46 | cps |
| Thallium | 203-1 | 4888 | 4597 | 4417 | 4634 | 5.12 | cps |
| Thallium | 205-1 | 10955 | 10944 | 11081 | 10993 | 0.69 | cps |
| Tin | 118-1 | 27757 | 28749 | 28732 | 28412 | 2.00 | cps |
| Titanium | 47-1 | 1421712 | 1430013 | 1445775 | 1432500 | 0.85 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:39:44 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 44885 | 45915 | 45006 | 45269 | 1.24 | cps |
| Vanadium | 51-2 | 575705 | 577870 | 577005 | 576860 | 0.19 | cps |
| Yttrium | 89-1 | 13238430 | 13366662 | 13340709 | 13315267 | 0.51 | cps |
| Yttrium | 89-2 | 3262275 | 3226394 | 3224324 | 3237664 | 0.66 | cps |
| Zinc | 66-2 | 183630 | 185095 | 183489 | 184071 | 0.48 | cps |
| Zirconium | 90-1 | 294011 | 299665 | 299961 | 297879 | 1.13 | cps |
| Zirconium | 91-1 | 66744 | 67699 | 67209 | 67217 | 0.71 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9052579 | 9037599 | 9031512 | 9040563 | 0.12 | cps |
| Antimony | 121-1 | 26682 | 27279 | 26932 | 26964 | 1.11 | cps |
| Arsenic | 75-2 | 49803 | 49582 | 49950 | 49779 | 0.37 | cps |
| Barium | 135-1 | 1266911 | 1282057 | 1289841 | 1279603 | 0.91 | cps |
| Barium | 137-1 | 2361049 | 2410967 | 2430755 | 2400924 | 1.50 | cps |
| Beryllium | 9-1 | 2117 | 2117 | 2489 | 2241 | 9.59 | cps |
| Bismuth | 209-1 | 7084800 | 7010605 | 6915411 | 7003606 | 1.21 | cps |
| Bismuth | 209-2 | 4777977 | 4710172 | 4682846 | 4723665 | 1.04 | cps |
| Bromine | 81-1 | 12752 | 13526 | 13660 | 13313 | 3.68 | cps |
| Bromine | 81-2 | 797 | 777 | 770 | 781 | 1.78 | cps |
| Cadmium | 108-1 | 507 | 583 | 603 | 564 | 9.04 | cps |
| Cadmium | 106-1 | 3774 | 3681 | 3444 | 3633 | 4.68 | cps |
| Cadmium | 111-1 | 5794 | 5598 | 5739 | 5710 | 1.77 | cps |
| Calcium | 43-1 | 255575 | 256861 | 258190 | 256875 | 0.51 | cps |
| Calcium | 44-1 | 3882726 | 3947929 | 3953265 | 3927973 | 1.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 390394 | 392641 | 392309 | 391781 | 0.31 | cps |
| Cobalt | 59-2 | 282362 | 283963 | 283415 | 283247 | 0.29 | cps |
| Copper | 63-2 | 897921 | 891452 | 894318 | 894564 | 0.36 | cps |
| Dysprosium | 156-1 | 86383 | 87842 | 86957 | 87061 | 0.84 | cps |
| Dysprosium | 156-2 | 66162 | 66312 | 66125 | 66199 | 0.15 | cps |
| Erbium | 164-1 | 68343 | 67843 | 70125 | 68770 | 1.74 | cps |
| Erbium | 164-2 | 41802 | 41635 | 42020 | 41819 | 0.46 | cps |
| Gadolinium | 160-1 | 81756 | 82468 | 82876 | 82367 | 0.69 | cps |
| Gadolinium | 160-2 | 53070 | 53047 | 53923 | 53347 | 0.94 | cps |
| Holmium | 165-1 | 11017480 | 11000952 | 10972644 | 10997025 | 0.21 | cps |
| Holmium | 165-2 | 6658191 | 6642960 | 6567146 | 6622766 | 0.74 | cps |
| Indium | 115-1 | 8065513 | 7907564 | 7920543 | 7964540 | 1.10 | cps |
| Indium | 115-2 | 2410902 | 2452508 | 2442093 | 2435168 | 0.89 | cps |
| Iron | 56-2 | 315646502 | 315049802 | 315565869 | 315420724 | 0.10 | cps |
| Iron | 57-2 | 7820417 | 7828406 | 7851085 | 7833302 | 0.20 | cps |
| Iron | 54-2 | 17114822 | 17137733 | 17150984 | 17134513 | 0.11 | cps |
| Krypton | 83-1 | 220 | 267 | 207 | 231 | 13.63 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 465291 | 477328 | 476912 | 473177 | 1.44 | cps |
| Lead | 207-1 | 404284 | 410089 | 414118 | 409497 | 1.21 | cps |
| Lead | 208-1 | 1857879 | 1884276 | 1881813 | 1874656 | 0.78 | cps |
| Lithium | 6-1 | 1242816 | 1221039 | 1250320 | 1238058 | 1.23 | cps |
| Magnesium | 24-2 | 6699600 | 6746238 | 6769805 | 6738548 | 0.53 | cps |
| Manganese | 55-2 | 6641181 | 6704435 | 6677010 | 6674208 | 0.48 | cps |
| Molybdenum | 94-1 | 114476 | 116542 | 117983 | 116334 | 1.52 | cps |
| Molybdenum | 95-1 | 7162 | 7302 | 7339 | 7267 | 1.28 | cps |
| Molybdenum | 96-1 | 31323 | 30996 | 31434 | 31251 | 0.73 | cps |
| Molybdenum | 97-1 | 4614 | 4607 | 4751 | 4657 | 1.74 | cps |
| Molybdenum | 98-1 | 11324 | 11391 | 11381 | 11366 | 0.32 | cps |
| Neodymium | 150-1 | 166653 | 165515 | 168025 | 166731 | 0.75 | cps |
| Neodymium | 150-2 | 85024 | 86352 | 84270 | 85215 | 1.24 | cps |
| Nickel | 60-2 | 143993 | 145185 | 144292 | 144490 | 0.43 | cps |
| Phosphorus | 31-2 | 23812 | 24693 | 24139 | 24215 | 1.84 | cps |
| Potassium | 39-2 | 4456412 | 4541916 | 4536666 | 4511665 | 1.06 | cps |
| Rhodium | 103-1 | 7228557 | 7070407 | 7157571 | 7152178 | 1.11 | cps |
| Rhodium | 103-2 | 4263137 | 4230819 | 4246013 | 4246656 | 0.38 | cps |
| Scandium | 45-1 | 4283968 | 4276470 | 4255393 | 4271944 | 0.35 | cps |
| Scandium | 45-2 | 383643 | 385618 | 390004 | 386422 | 0.84 | cps |
| Selenium | 82-1 | 575 | 538 | 632 | 582 | 8.08 | cps |
| Selenium | 77-2 | 253 | 307 | 330 | 297 | 13.25 | cps |
| Selenium | 78-2 | 407 | 363 | 450 | 407 | 10.66 | cps |
| Silicon | 28-1 | 18060500 | 18372282 | 18559903 | 18330895 | 1.38 | cps |
| Silver | 107-1 | 5561 | 5588 | 5544 | 5564 | 0.39 | cps |
| Silver | 109-1 | 5261 | 5398 | 5104 | 5254 | 2.79 | cps |
| Sodium | 23-2 | 122234 | 122240 | 123399 | 122624 | 0.55 | cps |
| Strontium | 86-1 | 277833 | 283706 | 283425 | 281655 | 1.18 | cps |
| Strontium | 88-1 | 2559328 | 2586688 | 2560469 | 2568828 | 0.60 | cps |
| Sulfur | 34-1 | 127177 | 127453 | 124848 | 126492 | 1.13 | cps |
| Terbium | 159-1 | 11221811 | 11120190 | 11188726 | 11176909 | 0.46 | cps |
| Terbium | 159-2 | 6600979 | 6514042 | 6533157 | 6549392 | 0.70 | cps |
| Thallium | 203-1 | 4587 | 4631 | 4327 | 4515 | 3.63 | cps |
| Thallium | 205-1 | 11291 | 10991 | 11215 | 11166 | 1.40 | cps |
| Tin | 118-1 | 27857 | 28682 | 28902 | 28480 | 1.93 | cps |
| Titanium | 47-1 | 1447757 | 1462874 | 1463694 | 1458108 | 0.62 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | P4526-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MYE4M3D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:42:48 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 44906 | 45681 | 45875 | 45487 | 1.13 | cps |
| Vanadium | 51-2 | 586170 | 584920 | 584212 | 585101 | 0.17 | cps |
| Yttrium | 89-1 | 13649420 | 13597498 | 13513135 | 13586684 | 0.51 | cps |
| Yttrium | 89-2 | 3290330 | 3217183 | 3269415 | 3258976 | 1.16 | cps |
| Zinc | 66-2 | 185453 | 187464 | 185794 | 186237 | 0.58 | cps |
| Zirconium | 90-1 | 301807 | 305067 | 306772 | 304549 | 0.83 | cps |
| Zirconium | 91-1 | 67323 | 68181 | 69855 | 68453 | 1.88 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10091006 | 10094519 | 10040007 | 10075177 | 0.30 | cps |
| Antimony | 121-1 | 4901124 | 4964753 | 5029620 | 4965165 | 1.29 | cps |
| Arsenic | 75-2 | 241097 | 238814 | 241500 | 240470 | 0.60 | cps |
| Barium | 135-1 | 6690246 | 6767521 | 6760280 | 6739349 | 0.63 | cps |
| Barium | 137-1 | 11563437 | 11678207 | 11696301 | 11645982 | 0.62 | cps |
| Beryllium | 9-1 | 654373 | 663419 | 673514 | 663769 | 1.44 | cps |
| Bismuth | 209-1 | 6459004 | 6459712 | 6551534 | 6490083 | 0.82 | cps |
| Bismuth | 209-2 | 3941814 | 4515392 | 4461489 | 4306232 | 7.36 | cps |
| Bromine | 81-1 | 10304 | 9813 | 10110 | 10076 | 2.45 | cps |
| Bromine | 81-2 | 67 | 73 | 57 | 66 | 12.79 | cps |
| Cadmium | 108-1 | 87566 | 89085 | 89450 | 88700 | 1.13 | cps |
| Cadmium | 106-1 | 126112 | 128125 | 128741 | 127659 | 1.08 | cps |
| Cadmium | 111-1 | 1196918 | 1200888 | 1210349 | 1202718 | 0.57 | cps |
| Calcium | 43-1 | 5965173 | 5991244 | 6044087 | 6000168 | 0.67 | cps |
| Calcium | 44-1 | 94978689 | 95066459 | 95192032 | 95079060 | 0.11 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1877908 | 1880345 | 1902565 | 1886939 | 0.72 | cps |
| Cobalt | 59-2 | 3087162 | 3064617 | 3050827 | 3067535 | 0.60 | cps |
| Copper | 63-2 | 21436974 | 21356336 | 21456436 | 21416582 | 0.25 | cps |
| Dysprosium | 156-1 | 333 | 337 | 300 | 323 | 6.27 | cps |
| Dysprosium | 156-2 | 403 | 363 | 460 | 409 | 11.88 | cps |
| Erbium | 164-1 | 367 | 363 | 340 | 357 | 4.07 | cps |
| Erbium | 164-2 | 277 | 230 | 240 | 249 | 9.87 | cps |
| Gadolinium | 160-1 | 267 | 353 | 257 | 292 | 18.19 | cps |
| Gadolinium | 160-2 | 420 | 353 | 397 | 390 | 8.67 | cps |
| Holmium | 165-1 | 10685116 | 10741886 | 10740361 | 10722454 | 0.30 | cps |
| Holmium | 165-2 | 5922817 | 6647077 | 6518612 | 6362835 | 6.07 | cps |
| Indium | 115-1 | 7493264 | 7569121 | 7637988 | 7566791 | 0.96 | cps |
| Indium | 115-2 | 2080016 | 2378764 | 2320471 | 2259750 | 7.01 | cps |
| Iron | 56-2 | 409866274 | 406141874 | 406153647 | 407387265 | 0.53 | cps |
| Iron | 57-2 | 10321653 | 10190133 | 10252588 | 10254791 | 0.64 | cps |
| Iron | 54-2 | 22508364 | 22225387 | 22456137 | 22396629 | 0.67 | cps |
| Krypton | 83-1 | 197 | 247 | 203 | 216 | 12.59 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20760323 | 20713469 | 21273985 | 20915926 | 1.49 | cps |
| Lead | 207-1 | 18313813 | 18467173 | 18611696 | 18464228 | 0.81 | cps |
| Lead | 208-1 | 82924596 | 83384168 | 84682075 | 83663613 | 1.09 | cps |
| Lithium | 6-1 | 1214575 | 1218113 | 1247998 | 1226896 | 1.50 | cps |
| Magnesium | 24-2 | 85225874 | 85357044 | 84664495 | 85082471 | 0.43 | cps |
| Manganese | 55-2 | 13873443 | 13616896 | 13819460 | 13769933 | 0.98 | cps |
| Molybdenum | 94-1 | 18272954 | 18441745 | 18436978 | 18383892 | 0.52 | cps |
| Molybdenum | 95-1 | 26757365 | 26775080 | 26695720 | 26742722 | 0.16 | cps |
| Molybdenum | 96-1 | 29133711 | 29025819 | 29337842 | 29165791 | 0.54 | cps |
| Molybdenum | 97-1 | 16837350 | 16866431 | 16985583 | 16896455 | 0.46 | cps |
| Molybdenum | 98-1 | 43232264 | 43476016 | 43621046 | 43443109 | 0.45 | cps |
| Neodymium | 150-1 | 467 | 420 | 510 | 466 | 9.67 | cps |
| Neodymium | 150-2 | 153 | 157 | 137 | 149 | 7.20 | cps |
| Nickel | 60-2 | 730083 | 728494 | 729410 | 729329 | 0.11 | cps |
| Phosphorus | 31-2 | 104409 | 104701 | 105396 | 104836 | 0.48 | cps |
| Potassium | 39-2 | 51140374 | 50931416 | 51061176 | 51044322 | 0.21 | cps |
| Rhodium | 103-1 | 6687312 | 6615307 | 6651748 | 6651456 | 0.54 | cps |
| Rhodium | 103-2 | 3507438 | 4016121 | 3968153 | 3830571 | 7.33 | cps |
| Scandium | 45-1 | 4005355 | 3918497 | 3907874 | 3943909 | 1.36 | cps |
| Scandium | 45-2 | 324208 | 366838 | 368427 | 353158 | 7.10 | cps |
| Selenium | 82-1 | 71860 | 72020 | 72908 | 72262 | 0.78 | cps |
| Selenium | 77-2 | 6632 | 6575 | 6558 | 6588 | 0.58 | cps |
| Selenium | 78-2 | 22657 | 21920 | 22317 | 22298 | 1.66 | cps |
| Silicon | 28-1 | 41512926 | 41700524 | 41702865 | 41638772 | 0.26 | cps |
| Silver | 107-1 | 6100849 | 6134714 | 6239037 | 6158200 | 1.17 | cps |
| Silver | 109-1 | 5866383 | 5771840 | 5835430 | 5824551 | 0.83 | cps |
| Sodium | 23-2 | 142721748 | 143401461 | 142846808 | 142990006 | 0.25 | cps |
| Strontium | 86-1 | 37761595 | 38707306 | 38221686 | 38230196 | 1.24 | cps |
| Strontium | 88-1 | 335770535 | 337566642 | 337597068 | 336978082 | 0.31 | cps |
| Sulfur | 34-1 | 493954 | 492065 | 490143 | 492054 | 0.39 | cps |
| Terbium | 159-1 | 10834047 | 10859246 | 11086072 | 10926455 | 1.27 | cps |
| Terbium | 159-2 | 5850200 | 6585864 | 6520051 | 6318705 | 6.44 | cps |
| Thallium | 203-1 | 5283878 | 5189800 | 5327710 | 5267129 | 1.34 | cps |
| Thallium | 205-1 | 12457454 | 12533856 | 12678194 | 12556501 | 0.89 | cps |
| Tin | 118-1 | 4110618 | 4159518 | 4264331 | 4178156 | 1.88 | cps |
| Titanium | 47-1 | 6075961 | 6095838 | 6102483 | 6091428 | 0.23 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCV005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:45:54 | DataFile Name : | 138CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17116231 | 17167422 | 17384443 | 17222699 | 0.83 | cps |
| Vanadium | 51-2 | 1682510 | 1670259 | 1697552 | 1683440 | 0.81 | cps |
| Yttrium | 89-1 | 12417331 | 12441572 | 12380733 | 12413212 | 0.25 | cps |
| Yttrium | 89-2 | 2711446 | 3085186 | 3043600 | 2946744 | 6.95 | cps |
| Zinc | 66-2 | 3357154 | 3400457 | 3405601 | 3387737 | 0.79 | cps |
| Zirconium | 90-1 | 8371689 | 8419870 | 8375177 | 8388912 | 0.32 | cps |
| Zirconium | 91-1 | 1906694 | 1869335 | 1924431 | 1900153 | 1.48 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1367 | 1533 | 1650 | 1517 | 9.39 | cps |
| Antimony | 121-1 | 3300 | 3360 | 3280 | 3314 | 1.26 | cps |
| Arsenic | 75-2 | 37 | 17 | 27 | 27 | 37.50 | cps |
| Barium | 135-1 | 727 | 703 | 617 | 682 | 8.50 | cps |
| Barium | 137-1 | 1390 | 1177 | 1093 | 1220 | 12.54 | cps |
| Beryllium | 9-1 | 111 | 106 | 94 | 104 | 8.18 | cps |
| Bismuth | 209-1 | 7289340 | 7201014 | 7100700 | 7197018 | 1.31 | cps |
| Bismuth | 209-2 | 4907574 | 4994110 | 4927470 | 4943051 | 0.92 | cps |
| Bromine | 81-1 | 10544 | 10120 | 10214 | 10293 | 2.16 | cps |
| Bromine | 81-2 | 63 | 87 | 77 | 76 | 15.50 | cps |
| Cadmium | 108-1 | 10 | 13 | 13 | 12 | 15.73 | cps |
| Cadmium | 106-1 | 2524 | 2540 | 2570 | 2545 | 0.93 | cps |
| Cadmium | 111-1 | 1866 | 1876 | 1903 | 1882 | 1.02 | cps |
| Calcium | 43-1 | 520 | 490 | 420 | 477 | 10.77 | cps |
| Calcium | 44-1 | 14808 | 13567 | 13210 | 13861 | 6.05 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 733 | 833 | 677 | 748 | 10.61 | cps |
| Cobalt | 59-2 | 293 | 293 | 297 | 294 | 0.65 | cps |
| Copper | 63-2 | 1670 | 1747 | 1720 | 1712 | 2.27 | cps |
| Dysprosium | 156-1 | 17 | 7 | 27 | 17 | 59.99 | cps |
| Dysprosium | 156-2 | 13 | 7 | 13 | 11 | 34.61 | cps |
| Erbium | 164-1 | 60 | 57 | 90 | 69 | 26.65 | cps |
| Erbium | 164-2 | 87 | 63 | 60 | 70 | 20.76 | cps |
| Gadolinium | 160-1 | 47 | 50 | 37 | 44 | 15.61 | cps |
| Gadolinium | 160-2 | 243 | 277 | 217 | 246 | 12.24 | cps |
| Holmium | 165-1 | 11019577 | 10980497 | 10847991 | 10949355 | 0.82 | cps |
| Holmium | 165-2 | 6758024 | 6775543 | 6655027 | 6729531 | 0.97 | cps |
| Indium | 115-1 | 8326973 | 8334054 | 8245018 | 8302015 | 0.60 | cps |
| Indium | 115-2 | 2574818 | 2589972 | 2571202 | 2578664 | 0.39 | cps |
| Iron | 56-2 | 62539 | 70528 | 73623 | 68897 | 8.30 | cps |
| Iron | 57-2 | 2264 | 2484 | 2504 | 2417 | 5.51 | cps |
| Iron | 54-2 | 4397 | 4407 | 5051 | 4619 | 8.11 | cps |
| Krypton | 83-1 | 167 | 130 | 183 | 160 | 17.05 | cps |

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On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1910 | 1777 | 1557 | 1748 | 10.21 | cps |
| Lead | 207-1 | 1660 | 1463 | 1330 | 1485 | 11.18 | cps |
| Lead | 208-1 | 7554 | 6804 | 6341 | 6900 | 8.88 | cps |
| Lithium | 6-1 | 1284371 | 1353828 | 1304251 | 1314150 | 2.72 | cps |
| Magnesium | 24-2 | 3664 | 4054 | 4511 | 4076 | 10.40 | cps |
| Manganese | 55-2 | 1450 | 1703 | 1670 | 1608 | 8.56 | cps |
| Molybdenum | 94-1 | 1590 | 1463 | 1610 | 1555 | 5.12 | cps |
| Molybdenum | 95-1 | 1737 | 1547 | 1520 | 1601 | 7.38 | cps |
| Molybdenum | 96-1 | 1817 | 1817 | 1767 | 1800 | 1.60 | cps |
| Molybdenum | 97-1 | 1043 | 1073 | 937 | 1018 | 7.06 | cps |
| Molybdenum | 98-1 | 2717 | 2674 | 2507 | 2632 | 4.21 | cps |
| Neodymium | 150-1 | 17 | 23 | 20 | 20 | 16.65 | cps |
| Neodymium | 150-2 | 10 | 13 | 23 | 16 | 44.60 | cps |
| Nickel | 60-2 | 200 | 177 | 173 | 183 | 7.92 | cps |
| Phosphorus | 31-2 | 130 | 100 | 127 | 119 | 13.83 | cps |
| Potassium | 39-2 | 46186 | 46604 | 46925 | 46572 | 0.80 | cps |
| Rhodium | 103-1 | 7478188 | 7499680 | 7470240 | 7482703 | 0.20 | cps |
| Rhodium | 103-2 | 4431744 | 4443236 | 4461097 | 4445359 | 0.33 | cps |
| Scandium | 45-1 | 4187565 | 4183207 | 4159523 | 4176765 | 0.36 | cps |
| Scandium | 45-2 | 376099 | 371743 | 372544 | 373462 | 0.62 | cps |
| Selenium | 82-1 | 414 | 440 | 388 | 414 | 6.29 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 207 | 260 | 230 | 232 | 11.51 | cps |
| Silicon | 28-1 | 204469 | 204679 | 201979 | 203709 | 0.74 | cps |
| Silver | 107-1 | 883 | 750 | 657 | 763 | 14.92 | cps |
| Silver | 109-1 | 787 | 597 | 627 | 670 | 15.24 | cps |
| Sodium | 23-2 | 27248 | 26960 | 26486 | 26898 | 1.43 | cps |
| Strontium | 86-1 | 1830 | 1643 | 1670 | 1715 | 5.89 | cps |
| Strontium | 88-1 | 14084 | 12232 | 11034 | 12450 | 12.34 | cps |
| Sulfur | 34-1 | 154967 | 153606 | 154812 | 154462 | 0.48 | cps |
| Terbium | 159-1 | 11270744 | 11387217 | 11184577 | 11280846 | 0.90 | cps |
| Terbium | 159-2 | 6610217 | 6632562 | 6648147 | 6630309 | 0.29 | cps |
| Thallium | 203-1 | 977 | 887 | 687 | 850 | 17.46 | cps |
| Thallium | 205-1 | 2277 | 1990 | 1733 | 2000 | 13.59 | cps |
| Tin | 118-1 | 2360 | 2244 | 2440 | 2348 | 4.21 | cps |
| Titanium | 47-1 | 587 | 557 | 580 | 574 | 2.74 | cps |

Reviewed By:mohan
On:11/7/2024 3:50:57 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB133265 | Operator : | Jaswal |
| Lab Sample ID : | CCB005 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB005 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-11-03 00:48:35 | DataFile Name : | 139CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 553 | 613 | 453 | 540 | 14.97 | cps |
| Vanadium | 51-2 | 183 | 153 | 157 | 164 | 10.00 | cps |
| Yttrium | 89-1 | 13011001 | 12968061 | 12880487 | 12953183 | 0.51 | cps |
| Yttrium | 89-2 | 3144183 | 3149090 | 3123316 | 3138863 | 0.44 | cps |
| Zinc | 66-2 | 650 | 640 | 760 | 683 | 9.74 | cps |
| Zirconium | 90-1 | 1883 | 1667 | 1460 | 1670 | 12.68 | cps |
| Zirconium | 91-1 | 423 | 373 | 297 | 364 | 17.51 | cps |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P4519

**Test :** Metals CLP MS FULL

**Prepbatch ID :** PB164456,

**Sequence ID/Qc Batch ID:** LB133265,

**Standard ID :**
MP81119,MP82127,MP82583,MP83014,MP83016,MP83032,MP83033,MP83034,MP83035,MP83036,MP83037,MP830
38,MP83039,MP83041,MP83042,MP83043,MP83044,MP83048,MP83049,MP83050,

**Chemical ID :**
M5192,M5288,M5289,M5294,M5304,M5390,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697
,M5698,M5739,M5751,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M60
33,M6037,M6040,M6055,M6095,M6097,M6115,W2606,W3112,

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 169 | 1:1HNO3 | MP81119 | 06/21/2024 | 04/24/2025 | Al-Terek Isaac | METALS_SCALE_2 (M SC-2) | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 06/21/2024 |

**FROM** 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 170 | 1:1HCL | MP82127 | 09/03/2024 | 02/08/2025 | Janvi Patel | None | None | Sarabjit Jaswal 09/03/2024 |

**FROM** 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3964 | CONC.LCSS SPIKE | MP82583 | 09/28/2024 | 10/31/2024 | 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 |
|---|---|---|---|---|---|---|---|---|
| 1122 | ICPMS CALIB BLANK(S0/ICB/CCB) | MP83014 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | None | Mohan Bera 11/04/2024 |

**FROM** 25.00000ml of M6095 + 4925.00000ml of W3112 + 50.00000ml of M6115 = Final Quantity: 5000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2902 | S8 ICPMS | MP83016 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5769 + 5.00000ml of M5806 + 79.00000ml of MP83014 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3947 | S7(SFAM,6020,200.8) | MP83032 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.40000ml of M5513 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6115 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6095 + 50.00000ml of M5304 + 832.80000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5751 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3948 | S6(SFAM,6020,200.8) | MP83033 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 48.50000ml of W3112 + 50.00000ml of MP83032 = 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) | MP83034 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 86.00000ml of W3112 + 12.50000ml of MP83032 = 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) | MP83035 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 73.50000ml of W3112 + 25.00000ml of MP83032 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3951 | S3(SFAM, 6020,200.8) | MP83036 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83033 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3955 | S2CONC(SFAM,6020,200.8) | MP83037 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**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 M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6095 + 226.25000ml of W3112 + 5.00000ml of M6115 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3956 | S2(SFAM,6020,200.8) | MP83038 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 98.00000ml of W3112 + 0.50000ml of MP83037 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3957 | S1(SFAM,6020,200.8) | MP83039 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83038 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3958 | ICV(SFAM) | MP83041 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 2.00000ml of M5294 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3961 | CCV | MP83042 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**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 M5476 + 10.00000ml of M6115 + 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 M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6095 + 823.45000ml of W3112 = Final Quantity: 1000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1142 | ICSA ICPMS | MP83043 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 10.00000ml of M5873 + 90.00000ml of MP83014 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1143 | ICSAB ICPMS | MP83044 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83014 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3962 | MG 10PPM FOR TUNE | MP83048 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 0.01000ml of M5769 + 9.99000ml of MP83014 = 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 | MP83049 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 2.00000ml of M6055 + 2.00000ml of MP83048 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3903 | ISS 3PPM | MP83050 | 11/02/2024 | 11/25/2024 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 11/04/2024 |

**FROM** 5.00000ml of M6115 + 75.00000ml of M5739 + 170.00000ml of MP83014 = 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 | 01/01/2025 | 12/13/2023 / bin | 02/20/2020 / bin | M5294 |

| 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 | 08/09/2025 | 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 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL | T2-MEB721963 | 07/27/2027 | 05/30/2023 / jaswal | 05/26/2023 / jaswal | M5565 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| 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 |

| 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 |

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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. | 58029 / Cu, 1000 PPM, 500 ml | 071723 | 07/17/2026 | 10/01/2024 / Jaswal | 08/25/2023 / jaswal | M5751 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58112 / Mg, 10000 PPM, 500 ml | 091823 | 09/18/2026 | 05/24/2024 / Jaswal | 01/03/2024 / bin | M5769 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57004 / Be, 1000 PPM, 125 ml | 102523 | 10/25/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5798 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57050 / Sn, 1000 PPM, 125 ml | 071123 | 07/11/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5799 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57027 / CO, 1000 PPM, 125 ml | 091923 | 09/19/2026 | 05/31/2024 / bin | 02/09/2024 / bin | M5800 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57033 / As, 1000 PPM, 125 ml | 111323 | 11/13/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5801 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L) | 24D1062002 | 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-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) | | 03/17/2029 | 10/26/2024 / Janvi | 10/21/2024 / Janvi | M6095 |

| 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 | 10/24/2024 / Janvi | 09/21/2024 / Janvi | M6097 |

| 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) | 24B1362001 | 05/04/2025 | 11/02/2024 / Janvi | 09/29/2024 / Eman | M6115 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | DIW / DI Water | Daily Lab-Certified | 10/24/2024 | 10/24/2019 / apatel | 10/24/2019 / apatel | W2606 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | DIW / DI Water | Daily Lab-Certified | 07/03/2029 | 07/03/2024 / Iwona | 07/03/2024 / Iwona | W3112 |

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M6028

R 8/5/24

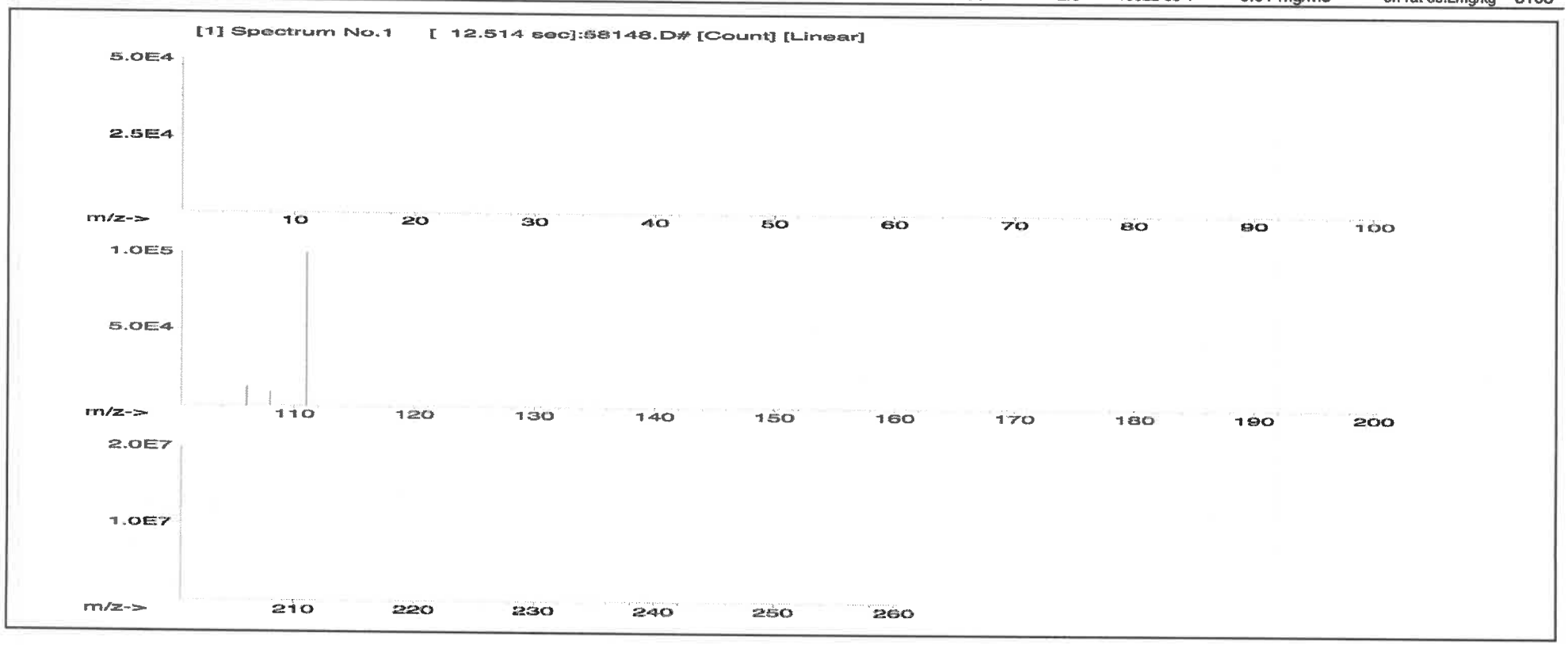
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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 |
| Pedro Rentas | | |
| Reviewed By: | Pedro L. Rentas | 070124 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cadmium nitrate tetrahydrate (Cd) | IN024 | CDM092021A1 | 1000 | 99.999 | 0.10 | 36.5 | 5.4797 | 5.4804 | **1000.1** | **2.0** | 10022-68-1 | 0.01 mg/m3 | orl-rat 60.2mg/kg | 3108 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | T | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

CERTIFIED WEIGHT REPORT:

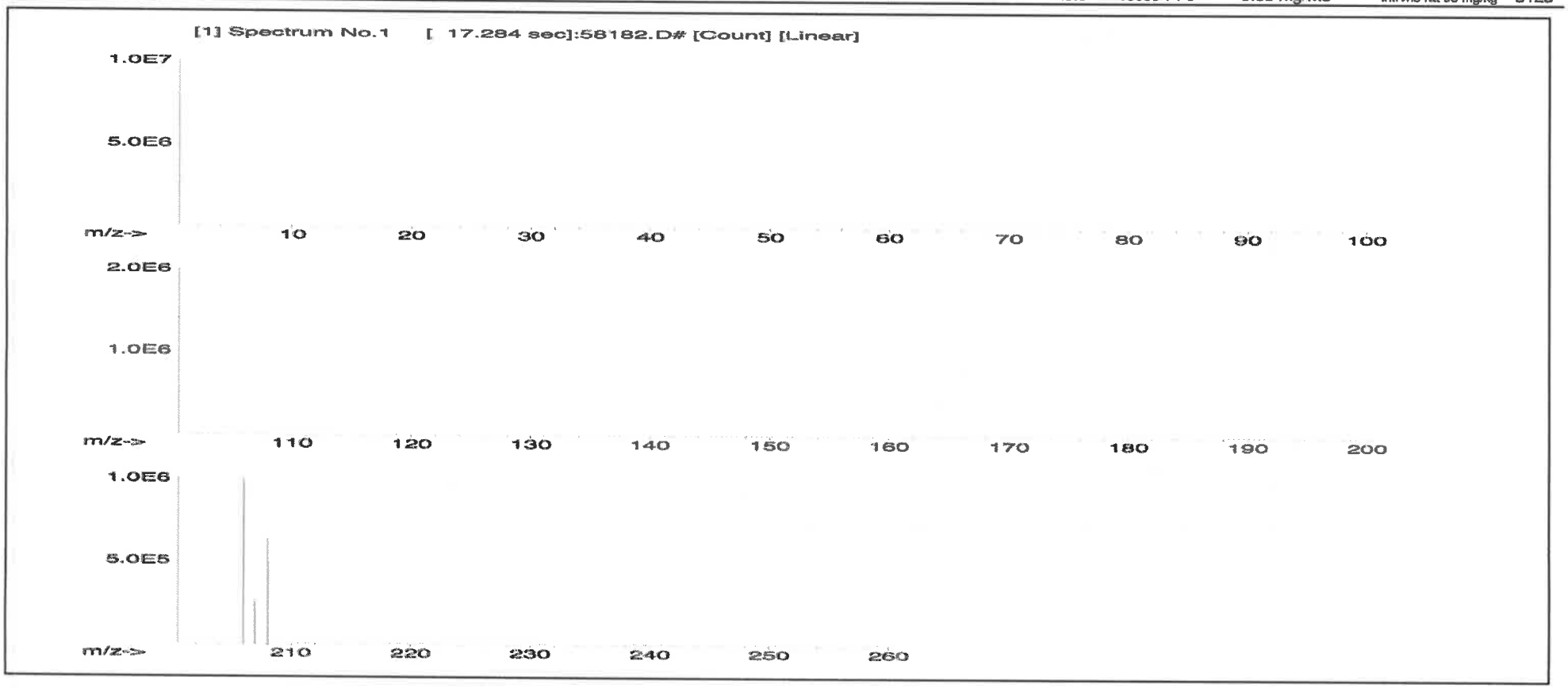
**Part Number:** 57182
**Lot Number:** 110923
**Description:** Lead (Pb)

**Expiration Date:** 110926
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawence Barry | 110923 |
| Reviewed By: | Pedro L. Rentas | 110923 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Lead(II) nitrate (Pb) | IN029 | PBD122016A1 | 10000 | 99.999 | 0.10 | 62.5 | 32.0006 | 32.0040 | **10001.1** | **20.0** | 10099-74-8 | 0.05 mg/m3 | intrvns-rat 93 mg/kg | 3128 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | T | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

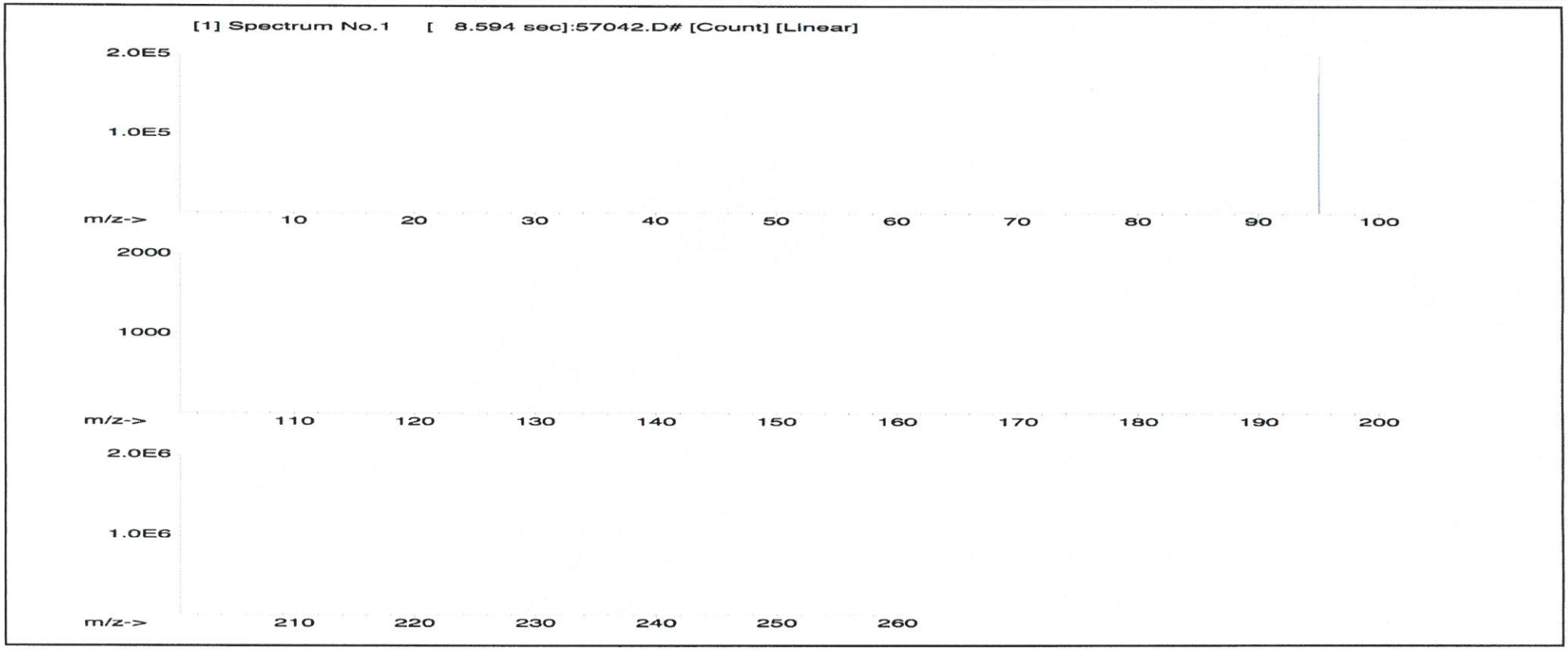
**Part Number:** 57042
**Lot Number:** 051722
**Description:** Molybdenum (Mo)
**Expiration Date:** 051725
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Volume shown below was diluted to (mL):** 3000.41

| Lot # | Solvent: | | |
|---|---|---|---|
| MKBQ8597V | Ammonium hydroxide | | |
| 0.5% | 15.0 (mL) | Ammonium hydroxide | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

Formulated By: Lawrence Barry 051722

Reviewed By: Pedro L. Rentas 051722

| | Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Ammonium molybdate (Mo) | 58142 | 022222 | 0.1000 | 300.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.1** | 13106-76-8 | 5 mg(Mo)/m3 | orl-rat 333 mg/kg | 3134 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | T | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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V15200 R: 04/24/22 (BP)

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CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 071122
**Description:** Potassium (K)

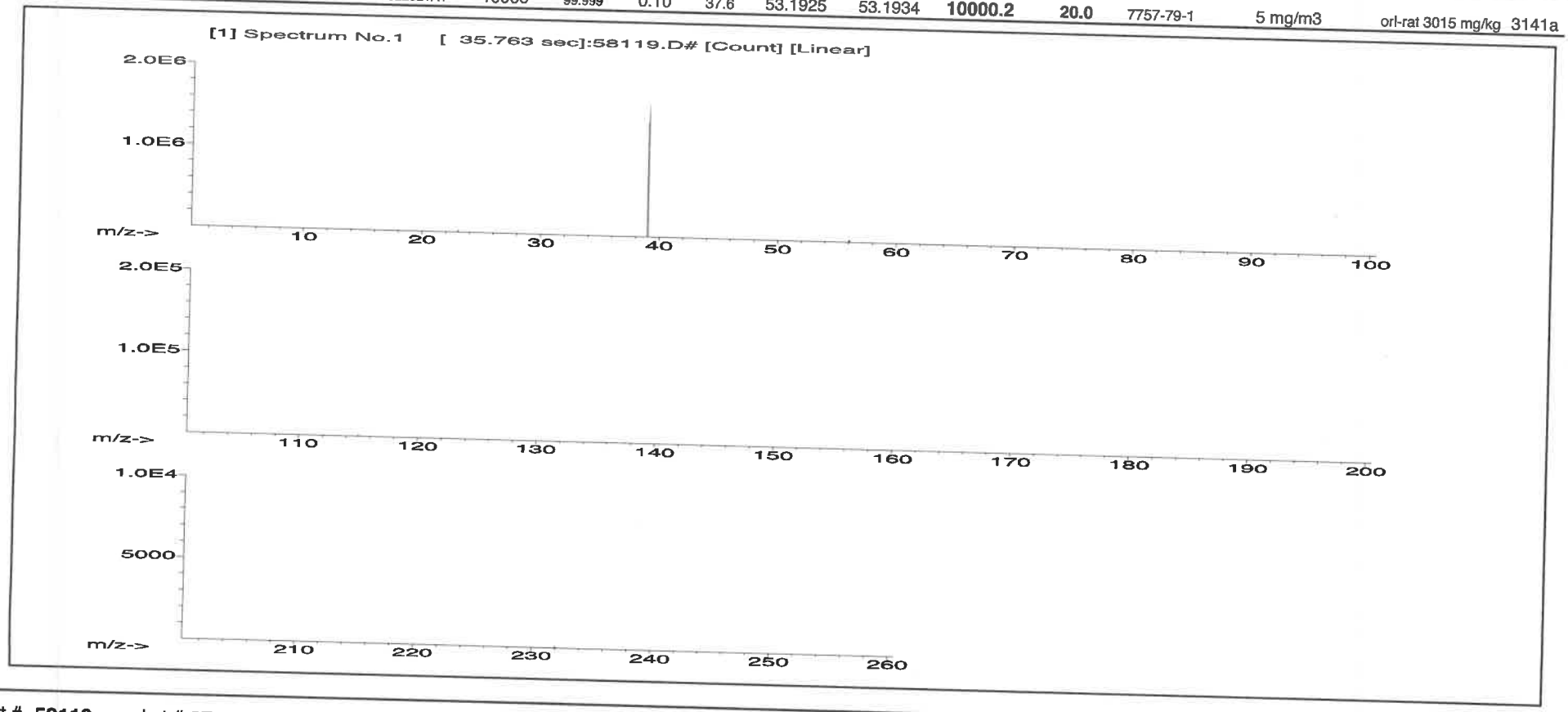
**Expiration Date:** 071125
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 071122 |
| Reviewed By: | Pedro L. Rentas | 071122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Potassium nitrate (K) | IN034 | KD022021A1 | 10000 | 99.999 | 0.10 | 37.6 | 53.1925 | 53.1934 | **10000.2** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3015 mg/kg | 3141a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | T | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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M5289 R: 07/12/22 BH

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CERTIFIED WEIGHT REPORT:

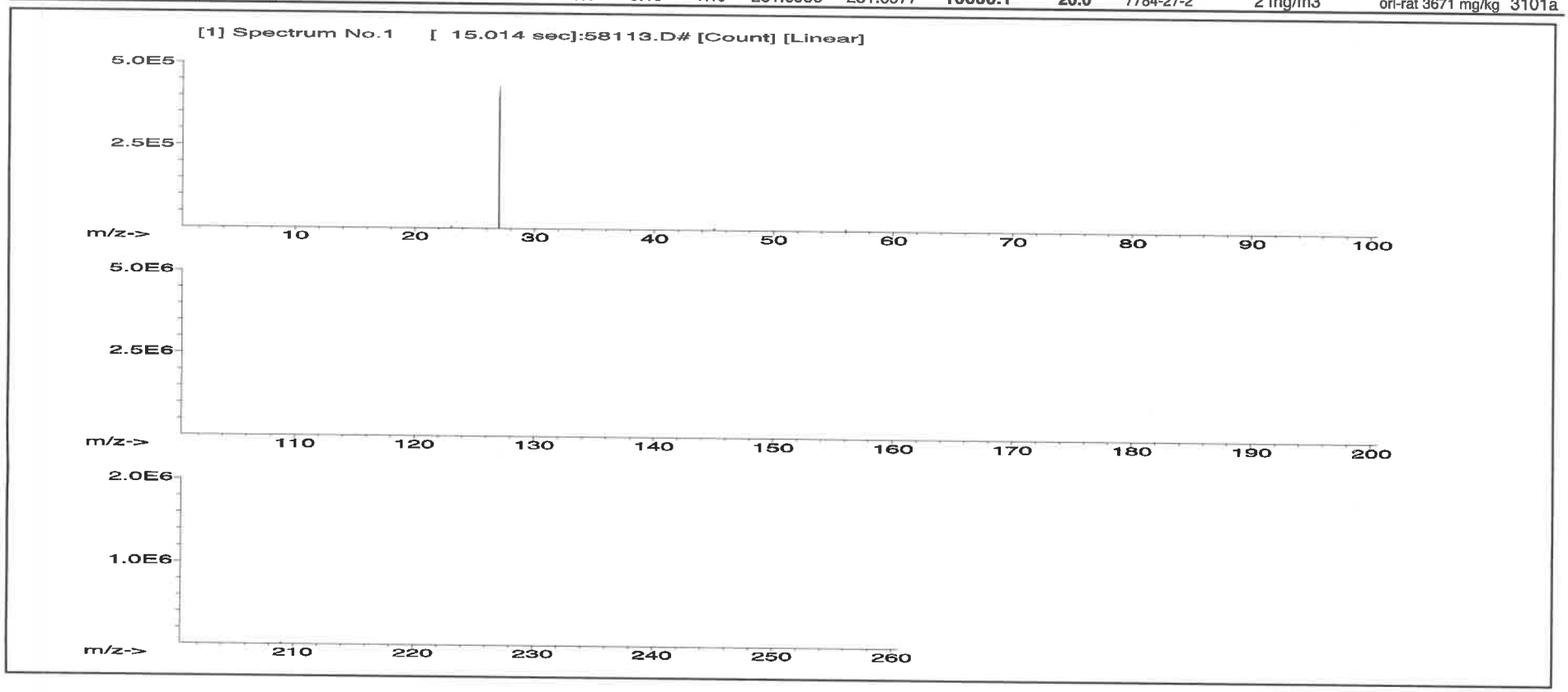
**Part Number:** 58113
**Lot Number:** 070622
**Description:** Aluminum (Al)

**Expiration Date:** 070625
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20370011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 070622 |
| Reviewed By: | Pedro L. Rentas | 070622 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aluminum nitrate nonahydrate (Al) | IN022 | ALD012021A1 | 10000 | 99.999 | 0.10 | 7.10 | 281.6956 | 281.6977 | **10000.1** | **20.0** | 7784-27-2 | 2 mg/m3 | orl-rat 3671 mg/kg | 3101a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | T | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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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 |

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020CAL-1 |
| Lot Number: | S2-MEB711244 |
| Matrix: | 5% (v/v) HNO3<br>tr. HF |
| Value / Analyte(s): | 20 µg/mL ea: |

| | |
|---|---|
| Silver, | Aluminum, |
| Arsenic, | Barium, |
| Beryllium, | Calcium, |
| Cadmium, | Cobalt, |
| Chromium, | Copper, |
| Iron, | Potassium, |
| Magnesium, | Manganese, |
| Sodium, | Nickel, |
| Lead, | Antimony, |
| Selenium, | Thallium, |
| Vanadium, | Zinc |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| **Aluminum, Al** | **20.01 ± 0.08 µg/mL** | **Antimony, Sb** | **20.01 ± 0.12 µg/mL** |
| **Arsenic, As** | **20.01 ± 0.18 µg/mL** | **Barium, Ba** | **20.01 ± 0.11 µg/mL** |
| **Beryllium, Be** | **20.01 ± 0.14 µg/mL** | **Cadmium, Cd** | **20.01 ± 0.11 µg/mL** |
| **Calcium, Ca** | **20.01 ± 0.10 µg/mL** | **Chromium, Cr** | **20.01 ± 0.16 µg/mL** |
| **Cobalt, Co** | **20.01 ± 0.11 µg/mL** | **Copper, Cu** | **20.01 ± 0.10 µg/mL** |
| **Iron, Fe** | **20.01 ± 0.09 µg/mL** | **Lead, Pb** | **20.01 ± 0.11 µg/mL** |
| **Magnesium, Mg** | **19.99 ± 0.10 µg/mL** | **Manganese, Mn** | **20.01 ± 0.10 µg/mL** |
| **Nickel, Ni** | **20.01 ± 0.11 µg/mL** | **Potassium, K** | **20.01 ± 0.10 µg/mL** |
| **Selenium, Se** | **20.02 ± 0.14 µg/mL** | **Silver, Ag** | **20.02 ± 0.09 µg/mL** |
| **Sodium, Na** | **20.01 ± 0.10 µg/mL** | **Thallium, Tl** | **20.01 ± 0.13 µg/mL** |
| **Vanadium, V** | **20.01 ± 0.11 µg/mL** | **Zinc, Zn** | **20.01 ± 0.11 µg/mL** |

**Density:** 1.026 g/mL (measured at 20 ± 4 ºC)

## Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| As | ICP Assay | 3103a | 100818 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Ca | ICP Assay | 3109a | 130213 |
| Ca | EDTA | 928 | 928 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Fe | Calculated | | See Sec. 4.2 |
| K | ICP Assay | 3141a | 140813 |
| K | Gravimetric | | See Sec. 4.2 |
| Mg | ICP Assay | 3131a | 140110 |
| Mg | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Na | ICP Assay | 3152a | 120715 |
| Na | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Se | ICP Assay | 3149 | 100901 |
| Se | Calculated | | See Sec. 4.2 |
| Tl | ICP Assay | 3158 | 151215 |
| Tl | Calculated | | See Sec. 4.2 |
| V | ICP Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**HF Note:** This standard should not be prepared or stored in glass.

**Low Silver Note:** This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Michael Booth
Director, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

*Certified Reference Material CRM*

M5387 . M5389 . M5390 . M5391 . M5392

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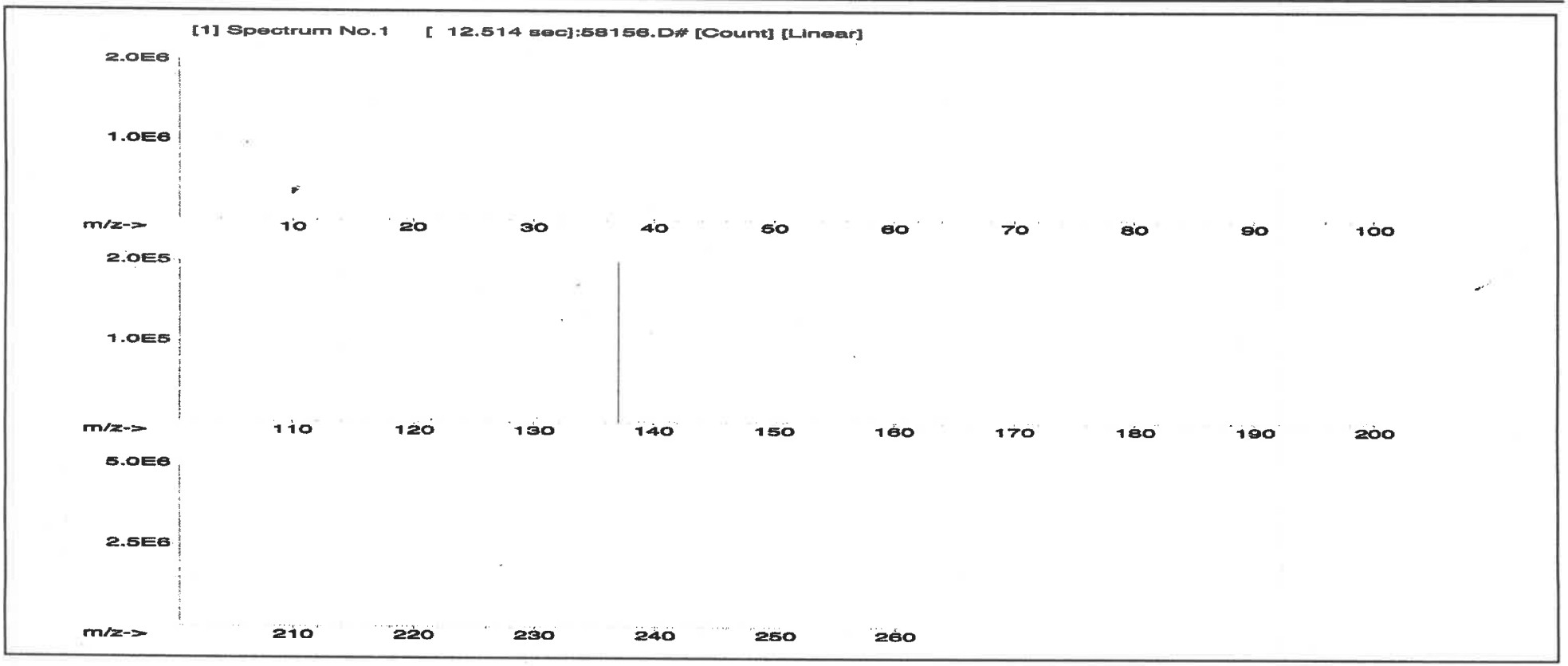
## CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57056** | | **Lot #** | | |
| **Lot Number:** | **072122** | **Solvent:** | 20510011 | Nitric Acid | |
| **Description:** | **Barium (Ba)** | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 072125 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 072122 |
| Reviewed By: | Pedro L. Rentas | 072122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Barium nitrate (Ba) | IN023 | BAD022019A1 | 1000 | 99.999 | 0.10 | 52.3 | 3.82417 | 3.82426 | **1000.0** | 2.0 | 10022-31-8 | 0.5 mg/m3 | orl-rat 355 mg/kg | 3104a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | T | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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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

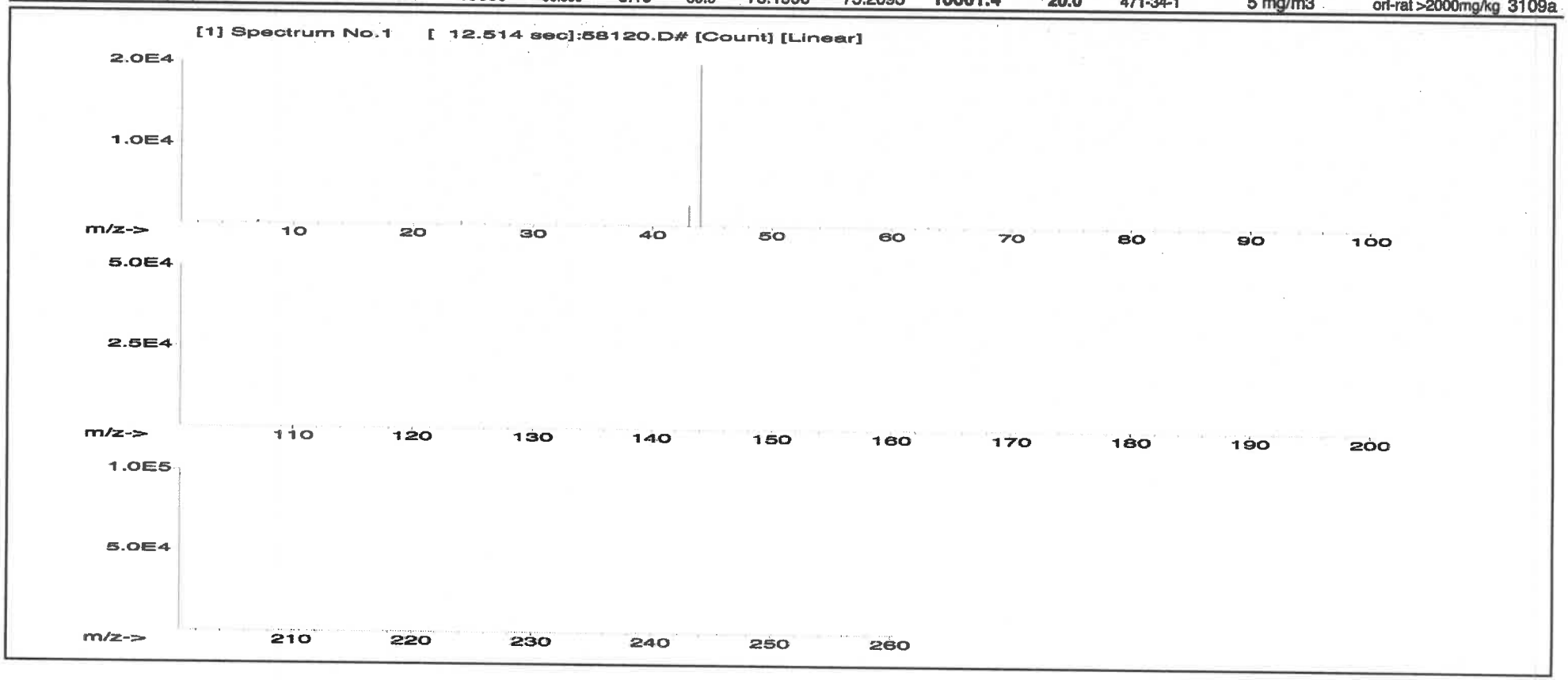
| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 21110221 | | Nitric Acid |
| | 2% | 60.0 (mL) | Nitric Acid |

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*

M 5513 R: 03/17/23

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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

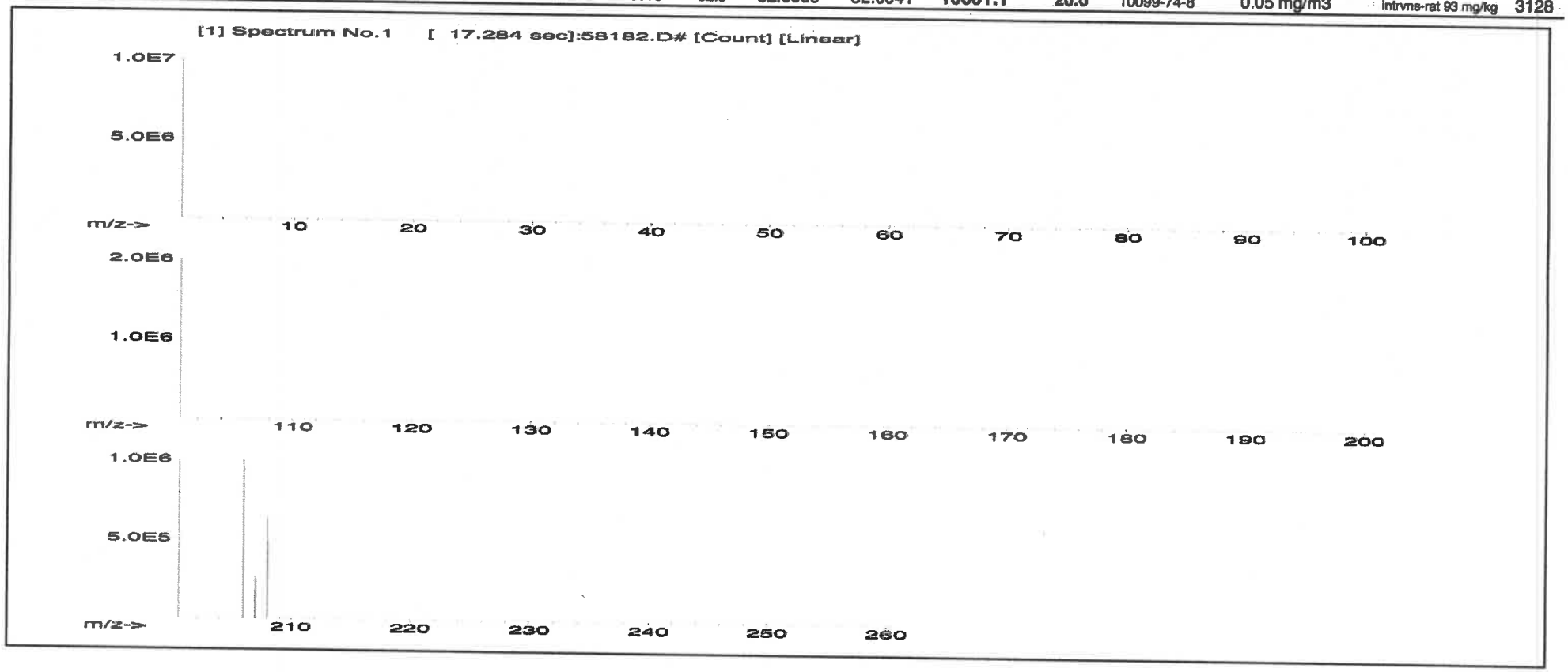
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

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).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

**Part Number:** 58126
**Lot Number:** 092122
**Description:** Iron (Fe)

**Expiration Date:** 092125
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 5000.1 ± 0.12 Flask Uncertainty

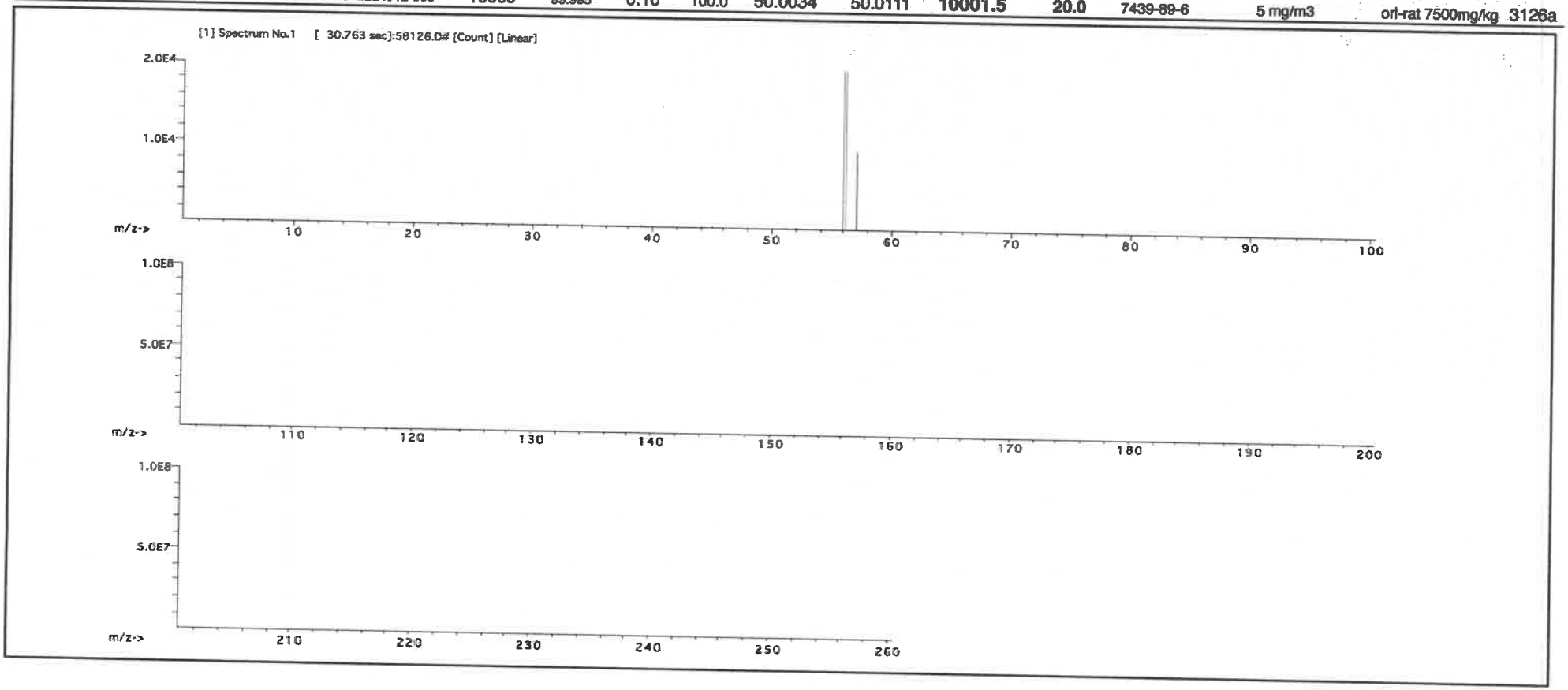
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 7.0% | 350.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 092122 |
| Reviewed By: | Pedro L. Rentas | 092122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Iron (Fe) | IN346 | 2224912-500 | 10000 | 99.995 | 0.10 | 100.0 | 50.0034 | 50.0111 | **10001.5** | **20.0** | 7439-89-6 | 5 mg/m3 | orl-rat 7500mg/kg | 3126a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.10 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.10 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.05 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.10 | Ge | <0.10 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.05 |
| B | <0.02 | Cu | <0.10 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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***

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 120822
**Description:** Potassium (K)

**Expiration Date:** 120825
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.4

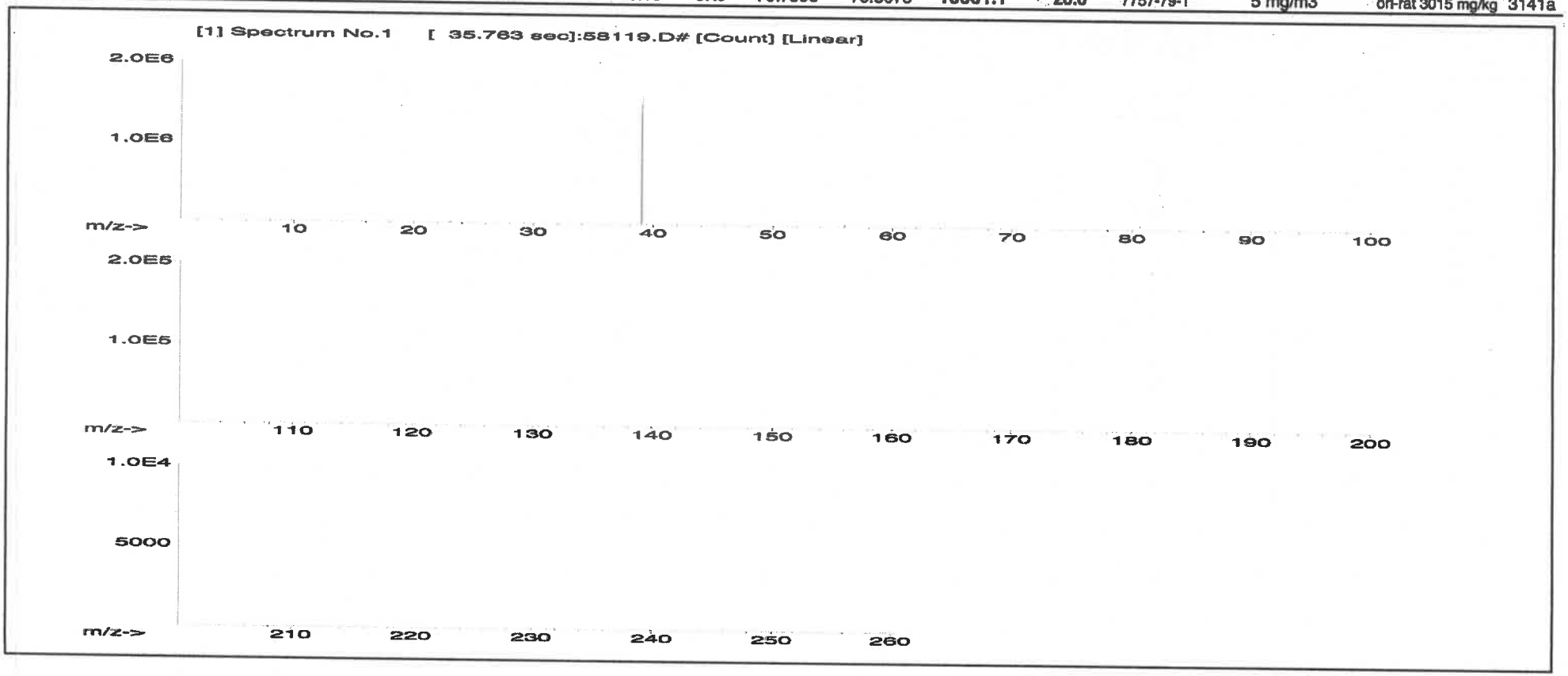
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 120822 |
| Reviewed By: | Pedro L. Rentas | 120822 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Potassium nitrate (K) | IN034 | KD022021A1 | 10000 | 99.999 | 0.10 | 37.6 | 79.7990 | 79.8075 | **10001.1** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3015 mg/kg | 3141a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

## Trace Metals Verification by ICP-MS (µg/mL)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | T | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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INORGANIC VENTURES™
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# Certificate of Analysis

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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).

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | CLPP-SPK-1 |
| Lot Number: | T2-MEB721963 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 2 000 µg/mL ea: Aluminum, Barium, |
| | 1 000 µg/mL ea: Iron, |
| | 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, |
| | 250 µg/mL ea: Copper, |
| | 200 µg/mL ea: Chromium, |
| | 50 µg/mL ea: Beryllium, Silver |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Aluminum, Al | 2 000 ± 7 µg/mL | Barium, Ba | 2 000 ± 9 µg/mL |
| Beryllium, Be | 50.00 ± 0.26 µg/mL | Chromium, Cr | 200.0 ± 1.1 µg/mL |
| Cobalt, Co | 500.0 ± 2.4 µg/mL | Copper, Cu | 250.0 ± 1.0 µg/mL |
| Iron, Fe | 1 000 ± 4 µg/mL | Manganese, Mn | 500.0 ± 2.0 µg/mL |
| Nickel, Ni | 500.0 ± 2.2 µg/mL | Silver, Ag | 50.00 ± 0.22 µg/mL |
| Vanadium, V | 500.0 ± 2.2 µg/mL | Zinc, Zn | 500.0 ± 2.2 µg/mL |

**Density:** 1.070 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Ag | Calculated | | See Sec. 4.2 |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| V | IC Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method I with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty ($t$) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty ($t$) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Note**: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

**- July 27, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

# CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

## CERTIFICATE OF ANALYSIS

**Date: 8/3/2022** MS631 MS632 MS633 MS634 **Lot No 820803**

**Hydrogen Peroxide, ACS**
Reagent Grade

| TEST | MAXIMUM LIMITS | RESULT |
|---|---|---|
| Appearance | Colorless and free from suspended matter or sediment | Pass |
| Assay | 29-32% | 31.4% |
| Color (APHA) | 10 | 5 |
| Residue after Evaporation | 0.002% | .0001% |
| Titratable Acid | 0.0006 meq/g | < .0006 meq/g |
| Chloride (Cl) | 2 ppm | < 1 ppm |
| Nitrate ($NO_3$) | 2 ppm | < 1 ppm |
| Phosphate | 2 ppm | < 1 ppm |
| Sulfate ($SO_4$) | 5 ppm | < .5 ppm |
| Ammonium ($NH_4$) | 5 ppm | < 1 ppm |
| Heavy Metals (as Pb) | 1 ppm | < .1 ppm |
| Iron (Fe) | 0.5 ppm | < .1 ppm |
| Sodium Stannate | 200 – 300 ppb | Pass |

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

**Date of MFG: 8/2022**
**Retest date: 8/2024**

Gina M. Rambo
**Office Manager**

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

INORGANIC VENTURES
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# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 R: 8/29/22

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | CLPP-SPK-4 |
| Lot Number: | T2-MEB721144 |
| Matrix: | 3% (v/v) HNO3 |
| Value / Analyte(s): | 100 µg/mL ea: Antimony, |
| | 50 µg/mL ea: Cadmium, Thallium, |
| | 40 µg/mL ea: Arsenic, |
| | 20 µg/mL ea: Lead, |
| | 10 µg/mL ea: Selenium |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Antimony, Sb | 99.9 ± 0.8 µg/mL | Arsenic, As | 40.00 ± 0.25 µg/mL |
| Cadmium, Cd | 49.96 ± 0.22 µg/mL | Lead, Pb | 19.99 ± 0.10 µg/mL |
| Selenium, Se | 10.00 ± 0.06 µg/mL | Thallium, Tl | 49.96 ± 0.32 µg/mL |

**Density:** 1.014 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| As | ICP Assay | traceable to 3103a | R2-AS691113 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Cd | Calculated | | See Sec. 4.2 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Pb | Calculated | | See Sec. 4.2 |
| Sb | ICP Assay | 3102a | 140911 |
| Se | ICP Assay | 3149 | 100901 |
| Se | Calculated | | See Sec. 4.2 |
| Tl | ICP Assay | 3158 | 151215 |
| Tl | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

M5658 R! 8/25/23

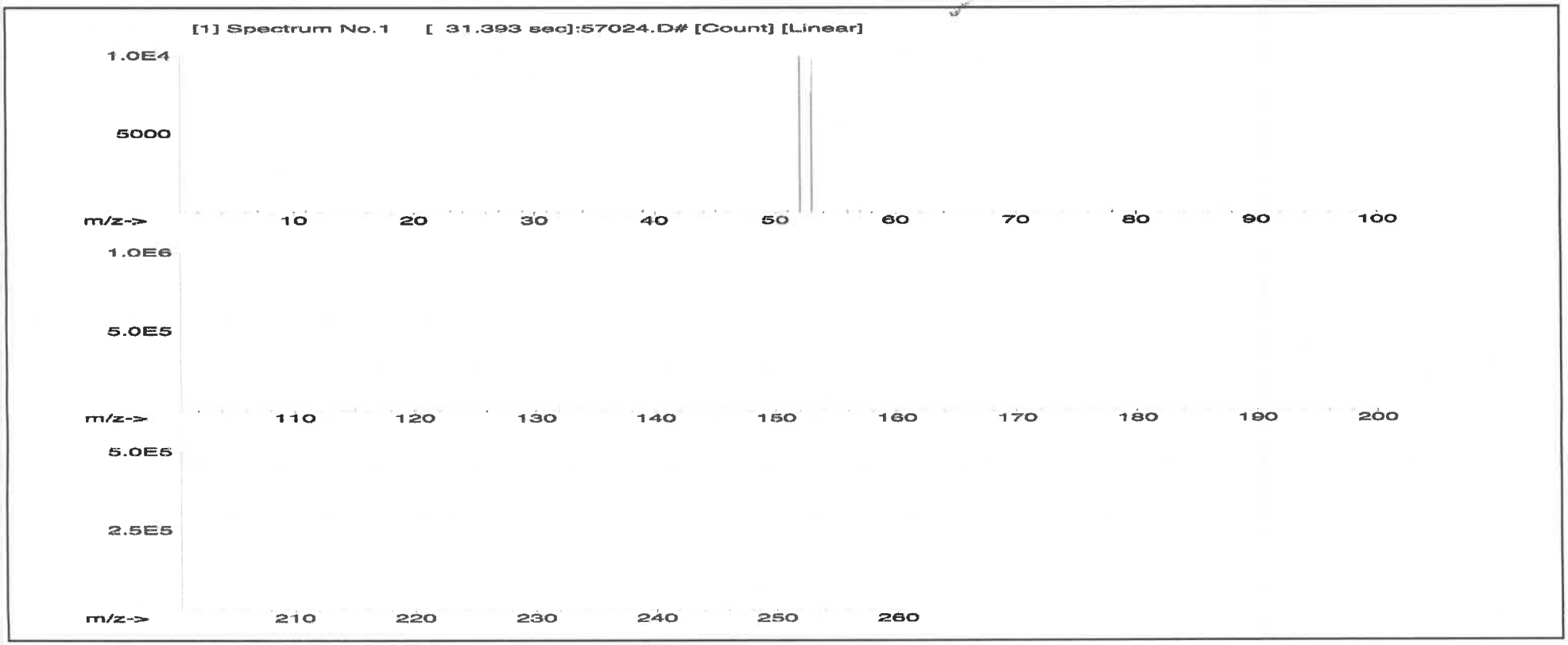
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58024** | 21110221 | Nitric Acid | |
| **Lot Number:** | **060523** | | | |
| **Description:** | **Chromium (Cr)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 060526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 060523 |
| Reviewed By: | Pedro L. Rentas | 060523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Chromium(III) nitrate nonahydrate (Cr) | 58124 | 071122 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 7789-02-8 | 0.5 mg(Cr)/m3 | orl-rat 3250 mg/kg | 3112a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | T | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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***Certified Reference Material CRM***

M5697 R: 10/27/23

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AR-1539 Certificate Number
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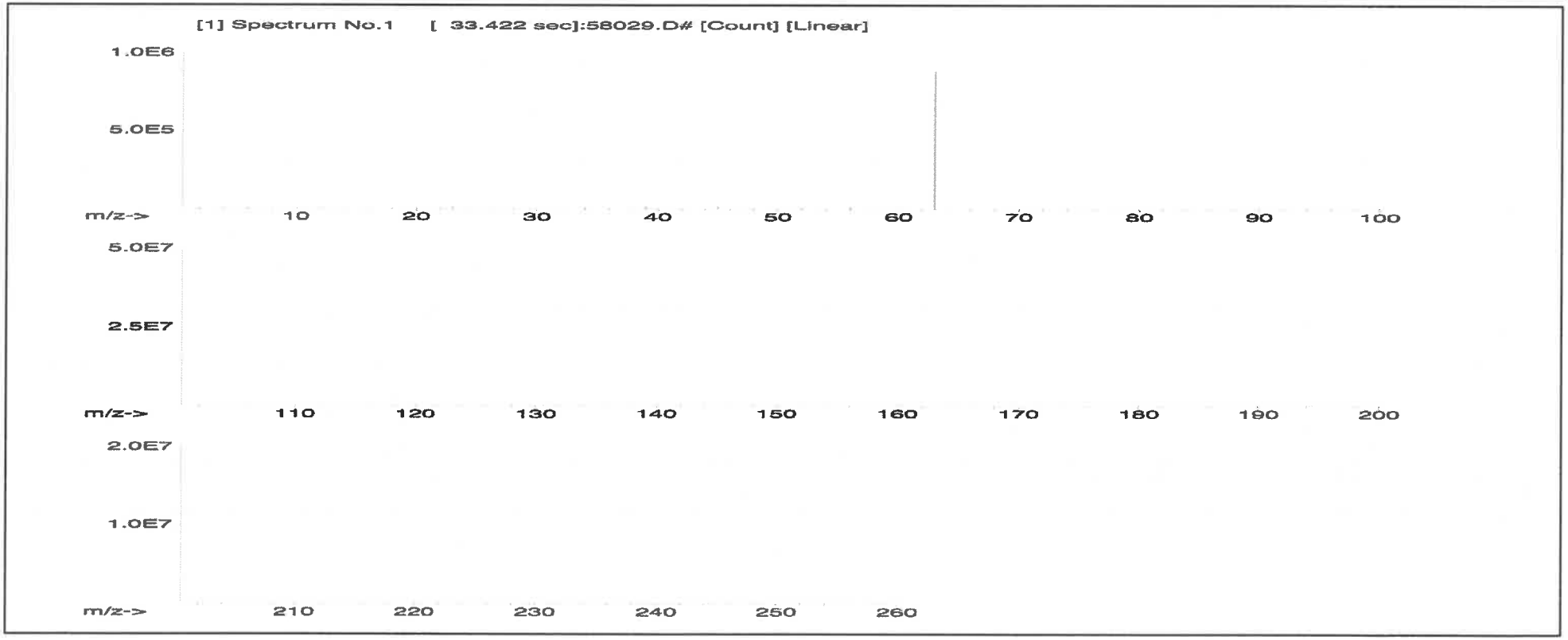
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58029** | 24002546 | Nitric Acid | |
| **Lot Number:** | **102523** | | | |
| **Description:** | **Copper (Cu)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 102526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102523 |
| Reviewed By: | Pedro L. Rentas | 102523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 100223 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5648 R: 10/27/23

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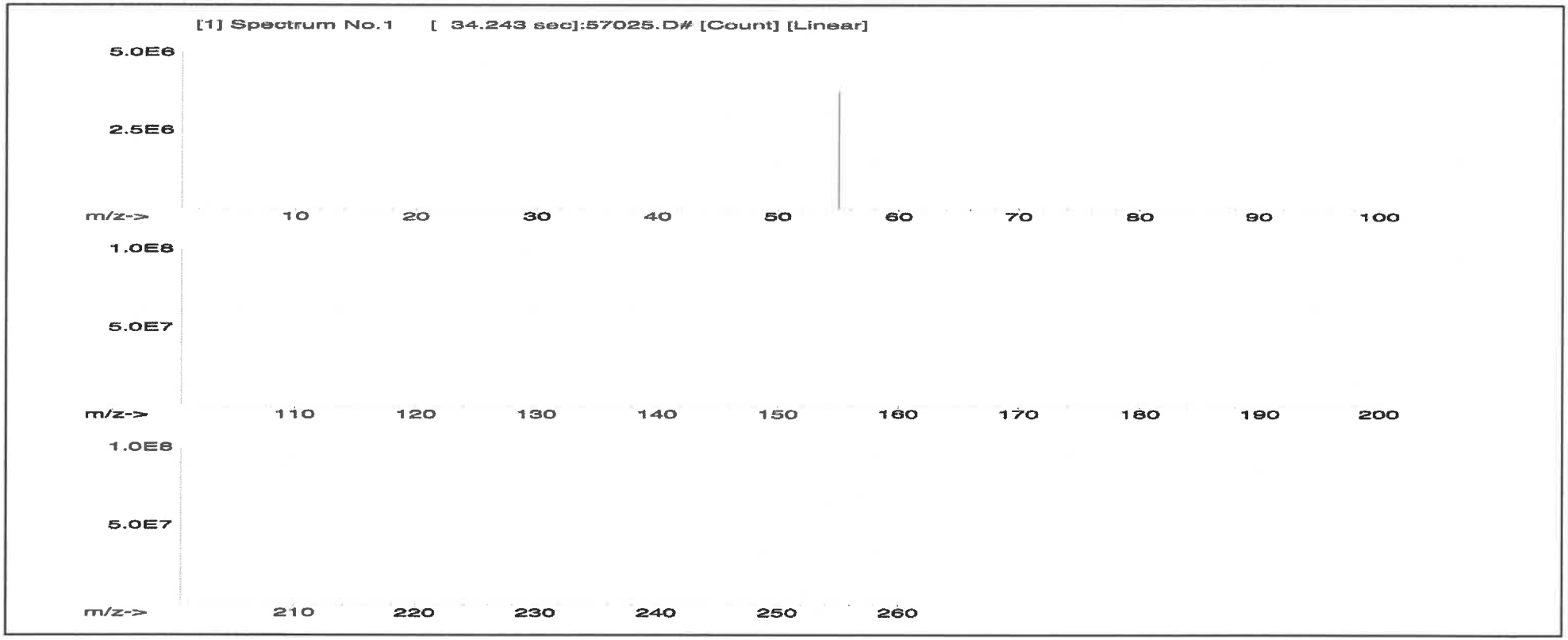
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58025** | 24002546 | Nitric Acid | |
| **Lot Number:** | **102623** | | | |
| **Description:** | **Manganese (Mn)** | | | |
| | | 2.0% | 60.0 (mL) | Nitric Acid |
| **Expiration Date:** | 102626 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 3000.41 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102623 |
| Reviewed By: | Pedro L. Rentas | 102623 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Manganese(II) nitrate tetrahydrate (Mn) | 58125 | 071123 | 0.1000 | 300.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.1** | 20694-39-7 | 5 mg/m3 | orl-rat >300mg/kg | 3132 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | T | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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***Certified Reference Material CRM***

R: 8/25/23 M5751

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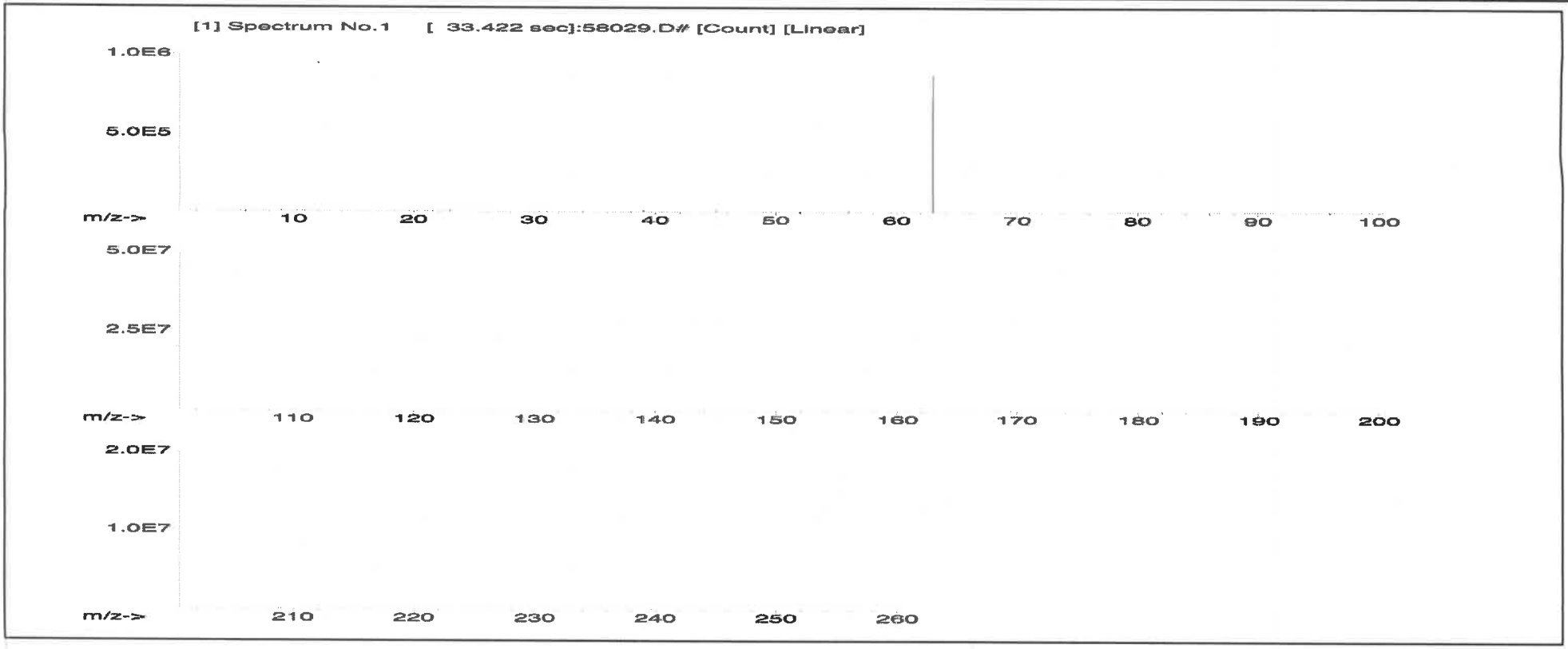
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58029** | 21110221 | Nitric Acid | |
| **Lot Number:** | **071723** | | | |
| **Description:** | **Copper (Cu)** | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 071726 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071723 |
| Reviewed By: | Pedro L. Rentas | 071723 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 022723 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.5 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

*Certified Reference Material CRM*

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

**Part Number:** 58112
**Lot Number:** 091823
**Description:** Magnesium (Mg)

**Expiration Date:** 091826
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

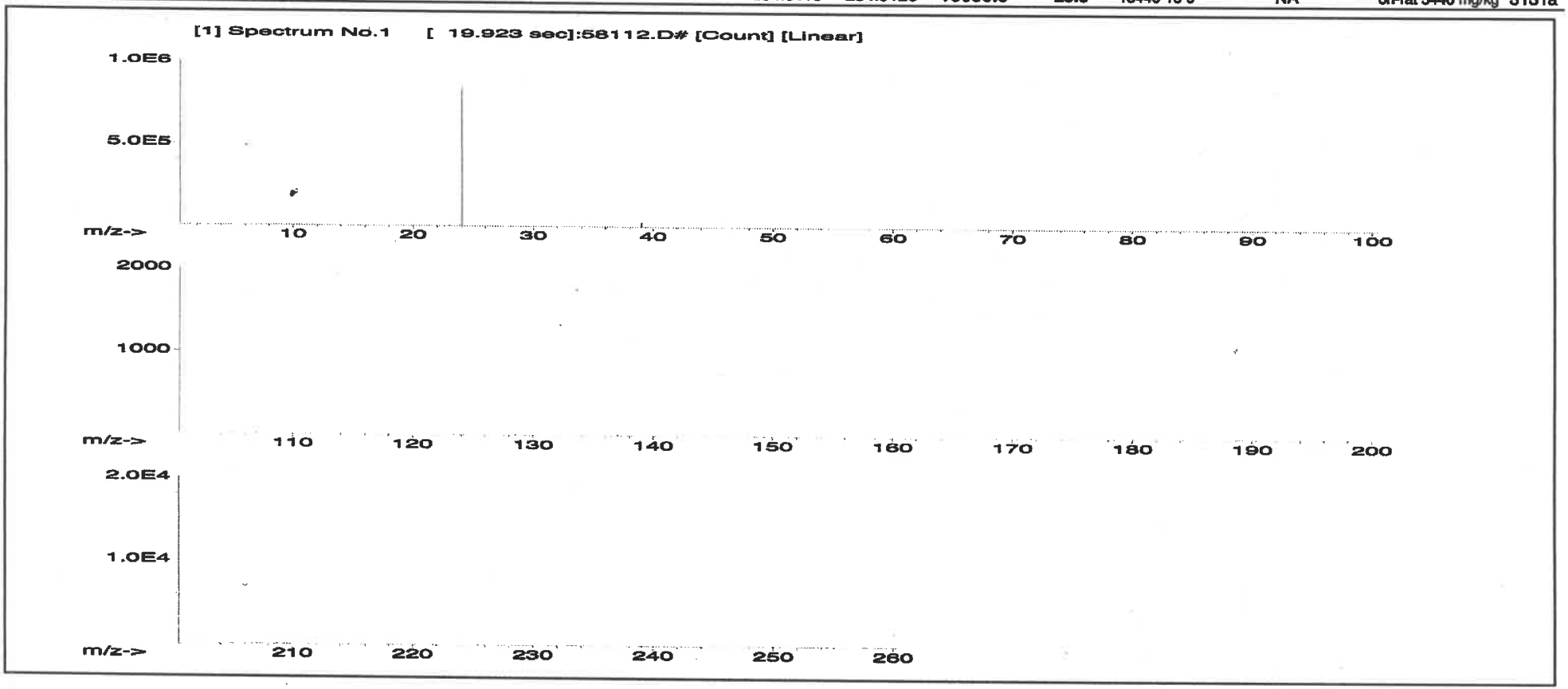
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 091823 |
| Reviewed By: | Pedro L. Rentas | 091823 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Magnesium nitrate hexahydrate (Mg) | IN030 | MGD052023A1 | 10000 | 99.999 | 0.10 | 8.51 | 234.9118 | 234.9126 | **10000.0** | **20.0** | 13446-18-9 | NA | orl-rat 5440 mg/kg | 3131a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | T | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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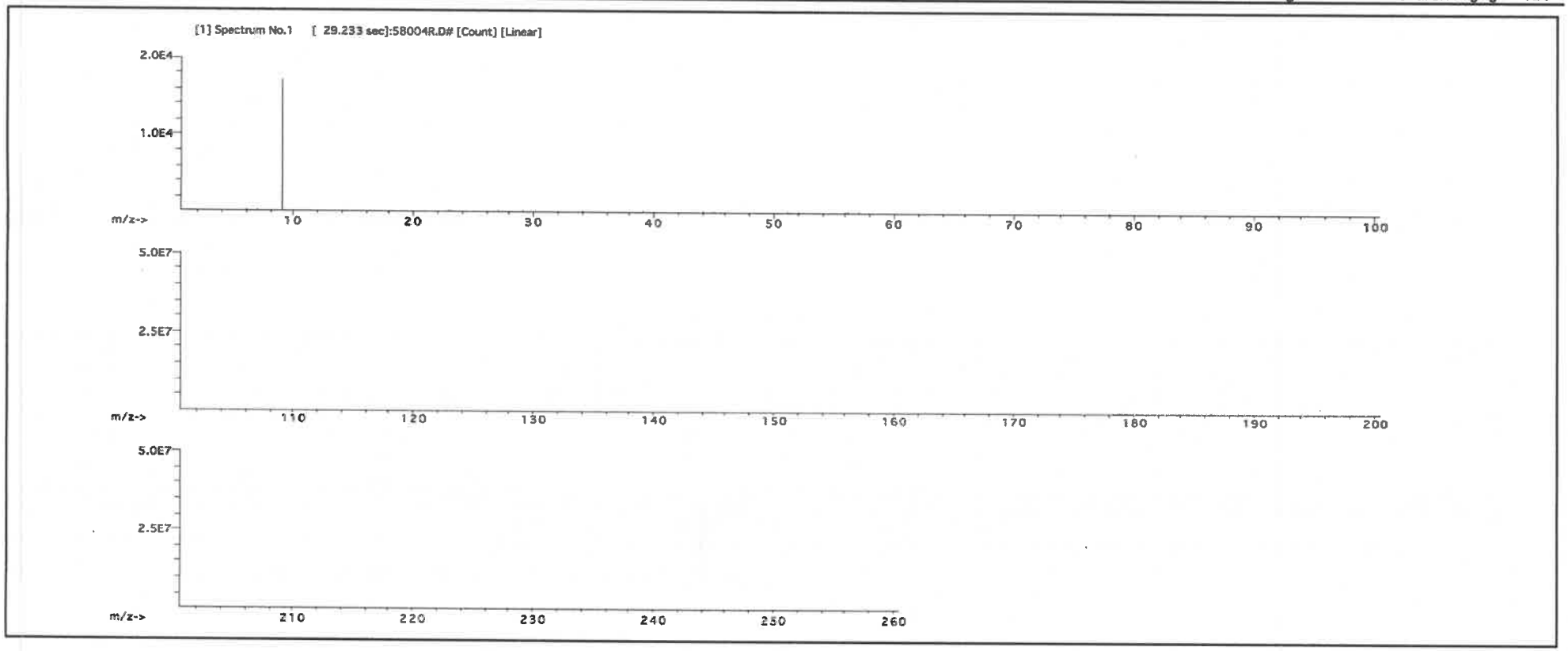
CERTIFIED WEIGHT REPORT:

| | | 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.

* 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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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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**CERTIFIED WEIGHT REPORT:**

**Part Number:** 57050
**Lot Number:** 071123
**Description:** Tin (Sn)

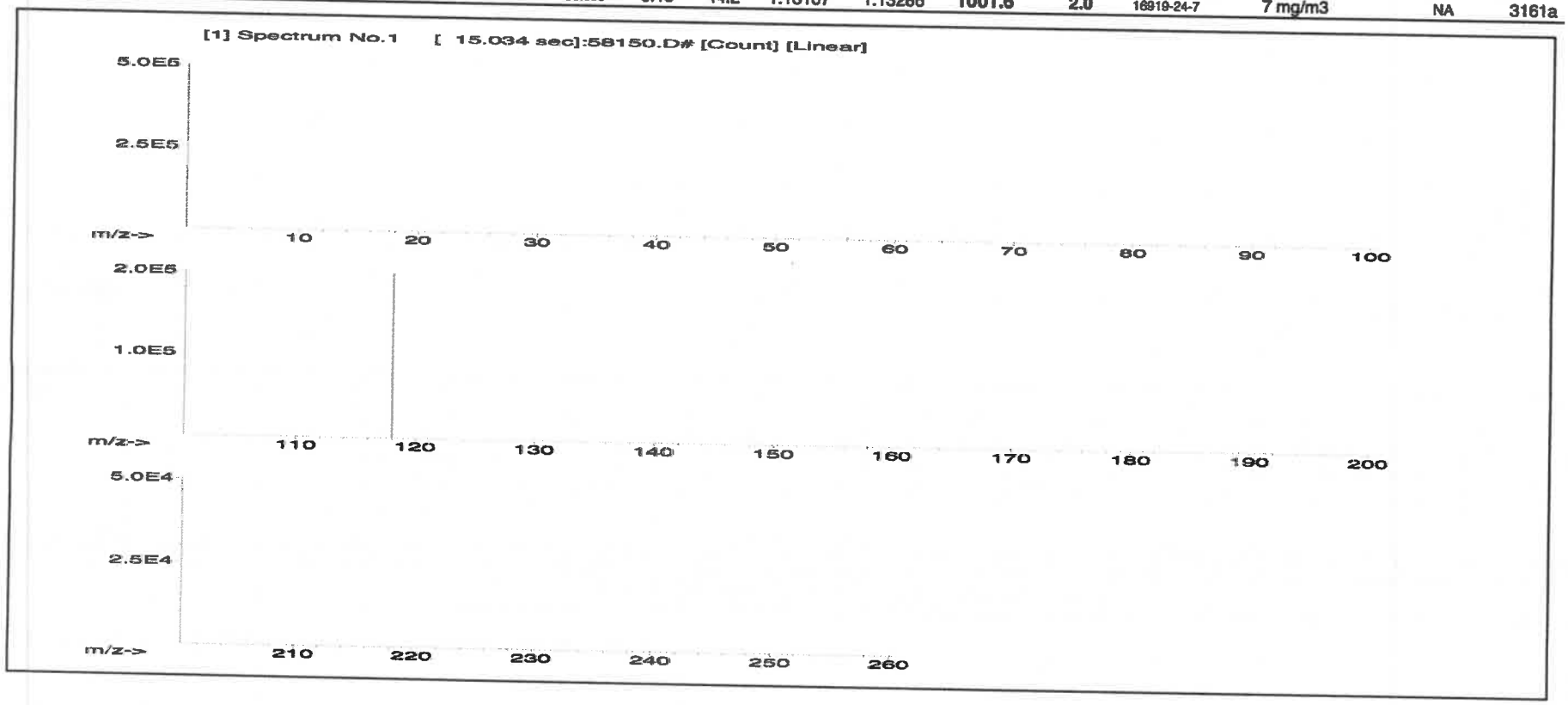
**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 499.93

| | Lot # | |
|---|---|---|
| **Solvents:** | 21110221 | Nitric Acid |
| | 22D0562008 | Hydrochloric acid |
| 2% | 10.0 | Nitric Acid |
| 6% | 30.0 | Hydrochloric acid |
| | (mL) | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071123 |
| Reviewed By: | Pedro L. Rentas | 071123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium hexafluorostannate(IV) (Sn) | IN010 | SND042023A1 | 1000 | 99.999 | 0.10 | 44.2 | 1.13107 | 1.13286 | **1001.6** | **2.0** | 16919-24-7 | 7 mg/m3 | NA | 3161a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <500 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | T | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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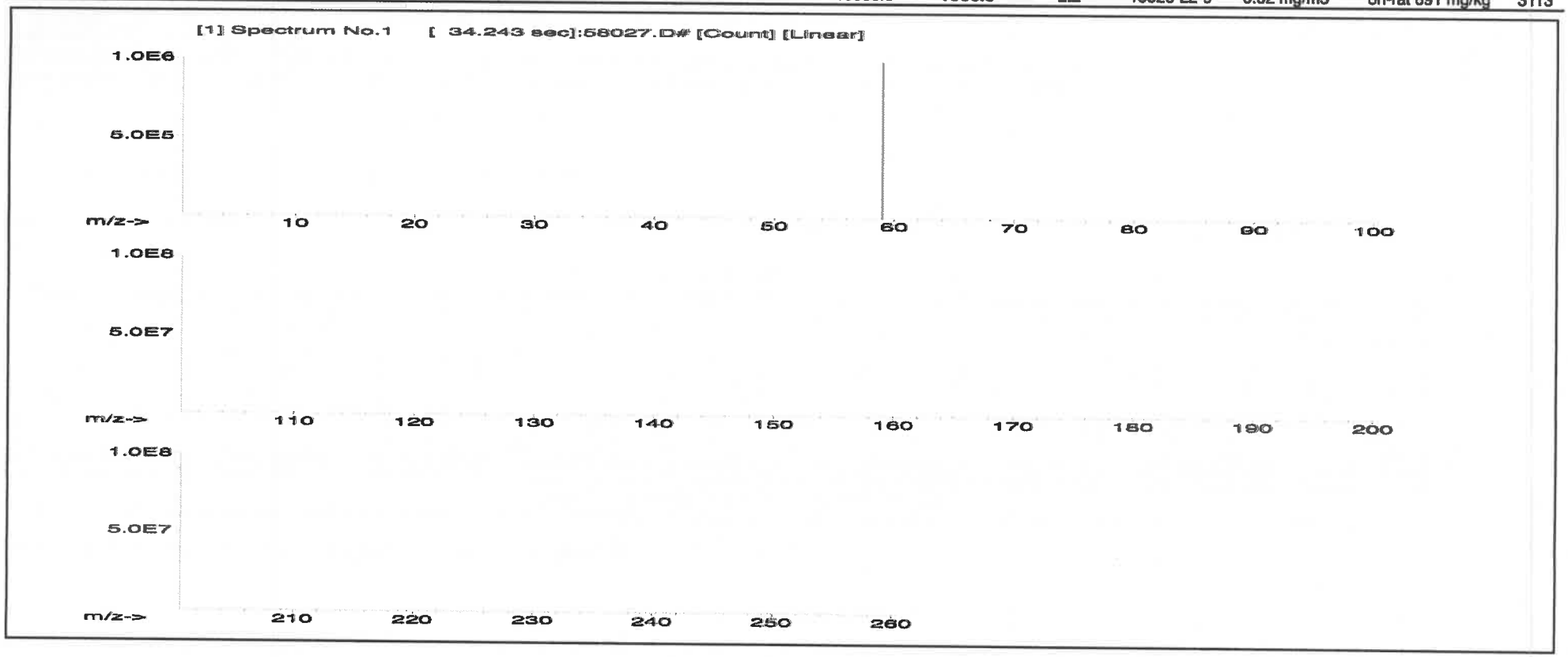
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57027** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **091923** | | | | |
| **Description:** | **Cobalt (Co)** | | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 091926 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 091923 |
| Reviewed By: | Pedro L. Rentas | 091923 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cobalt(II) nitrate hexahydrate (Co) | 58127 | 050923 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.0 | **1000.0** | **2.2** | 10026-22-9 | 0.02 mg/m3 | orl-rat 691 mg/kg | 3113 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | T | Gé | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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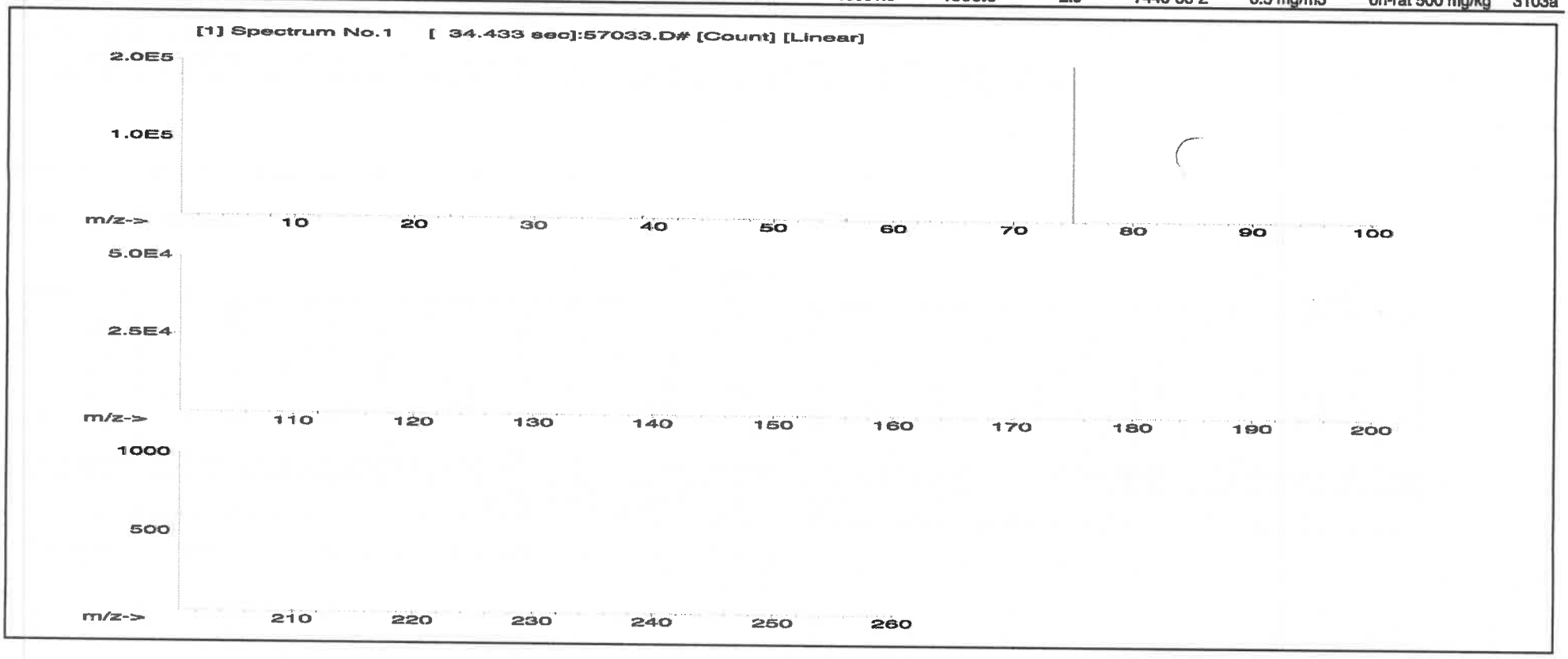
CERTIFIED **WEIGHT** REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57033** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **111323** | | | | |
| **Description:** | **Arsenic (As)** | 2.0% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 111326 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 4000.0 | 0.06 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 111323 |
| Reviewed By: | Pedro L. Rentas | 111323 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Arsenic (As) | 58133 | 020522 | 0.1000 | 400.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.0** | 7440-38-2 | 0.5 mg/m3 | orl-rat 500 mg/kg | 3103a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | T | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge* | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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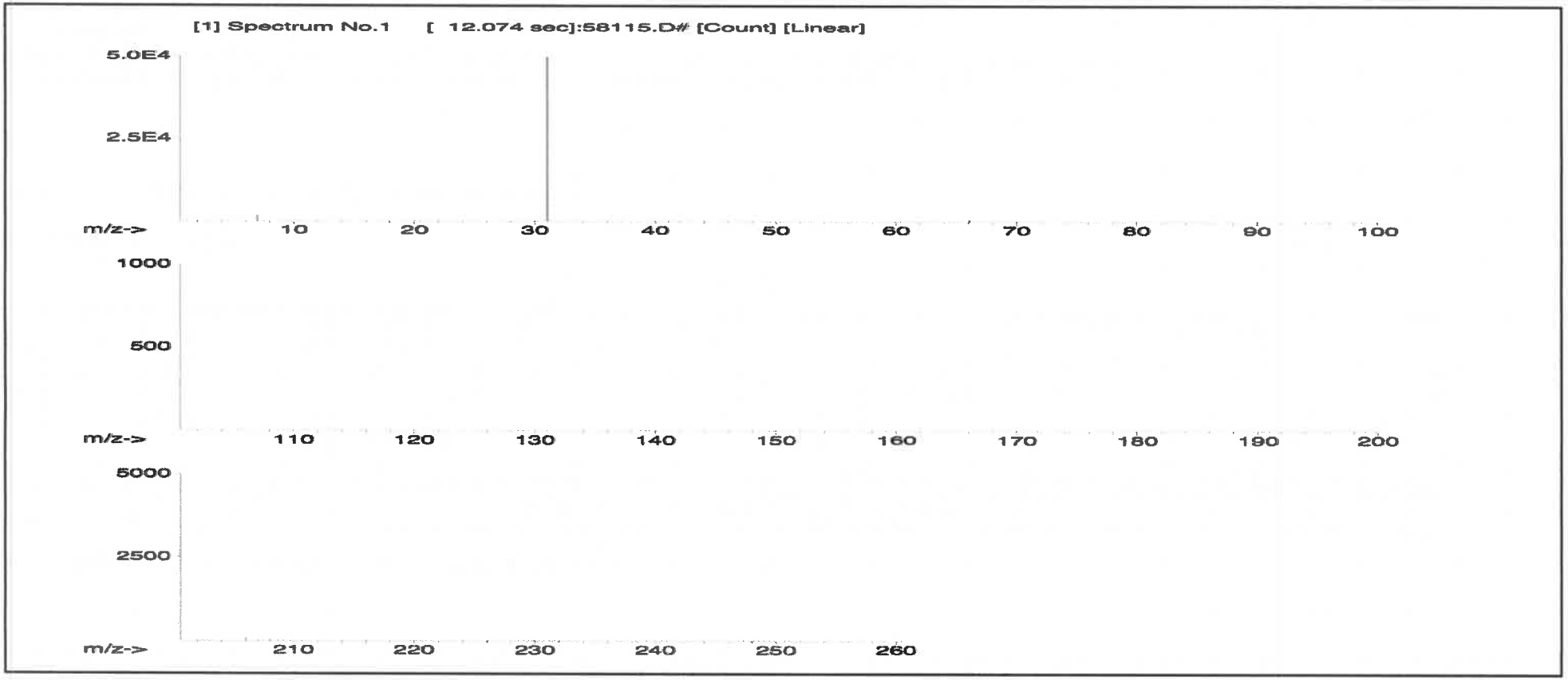
CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | **57115** | **Solvent:** | 21110221 | Nitric Acid |
| **Lot Number:** | **041723** | | | |
| **Description:** | **Phosphorous (P)** | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 041726 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 041723 |
| Reviewed By: | Pedro L. Rentas | 041723 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium dihydrogen phosphate (P) | IN008 | PV082019A1 | 10000 | 99.999 | 0.10 | 27.5 | 72.7287 | 72.7289 | **10000.0** | **20.0** | 7722-76-1 | 5 mg/m3 | orl-rat >2000mg/kg | 3186 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | T | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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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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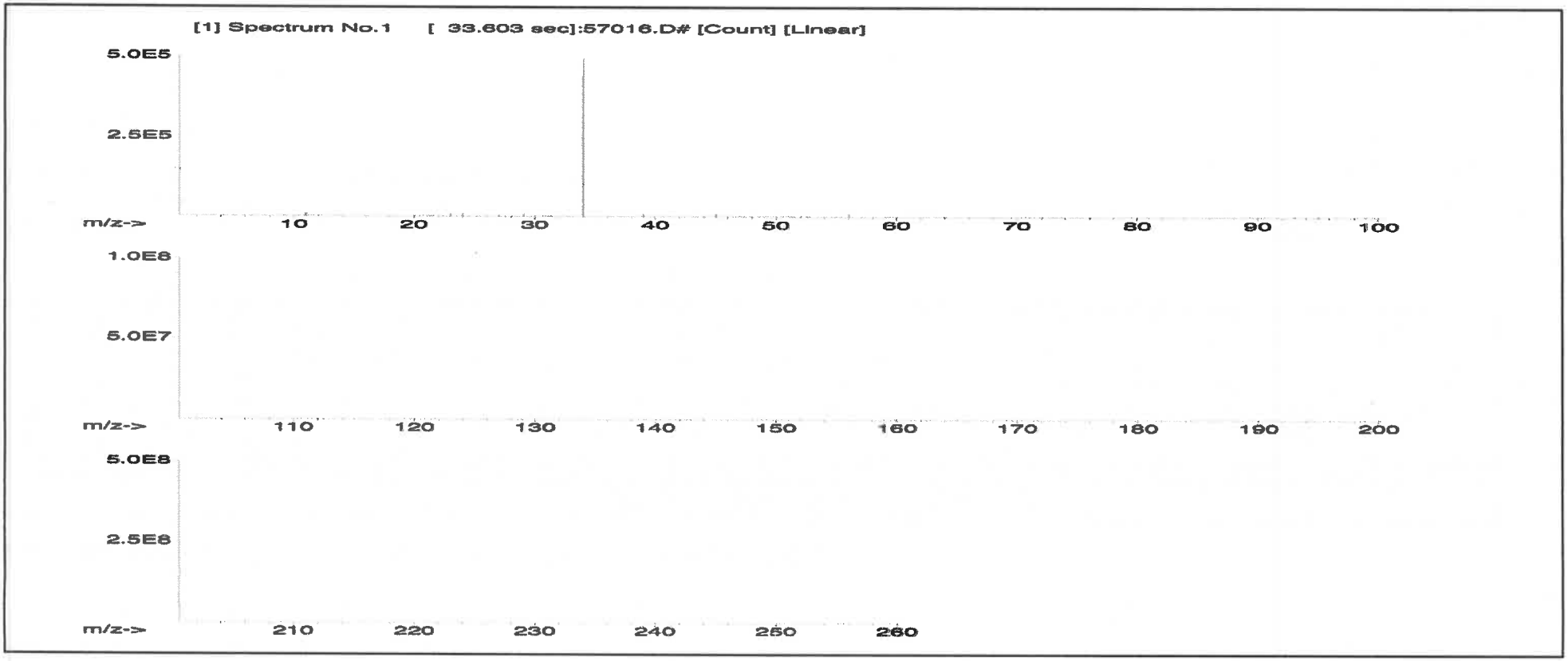
CERTIFIED WEIGHT REPORT:

| | | | | |
|---|---|---|---|---|
| **Part Number:** | **57016** | **Solvent:** | **Lot #** 122923 | ASTM Type 1 Water |
| **Lot Number:** | **122923** | | | |
| **Description:** | **Sulfur (S)** | | | |
| **Expiration Date:** | 122926 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 4000.0 | 0.06 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 122923 |
| Reviewed By: | Pedro L. Rentas | 122923 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium sulfate (S) | IN117 | SLBR7225V | 1000 | 99.9 | 0.10 | 24.3 | 16.4979 | 16.4980 | **1000.0** | **2.0** | 7783-20-2 | NA | orl-rat 4250mg/kg | 3181 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | T | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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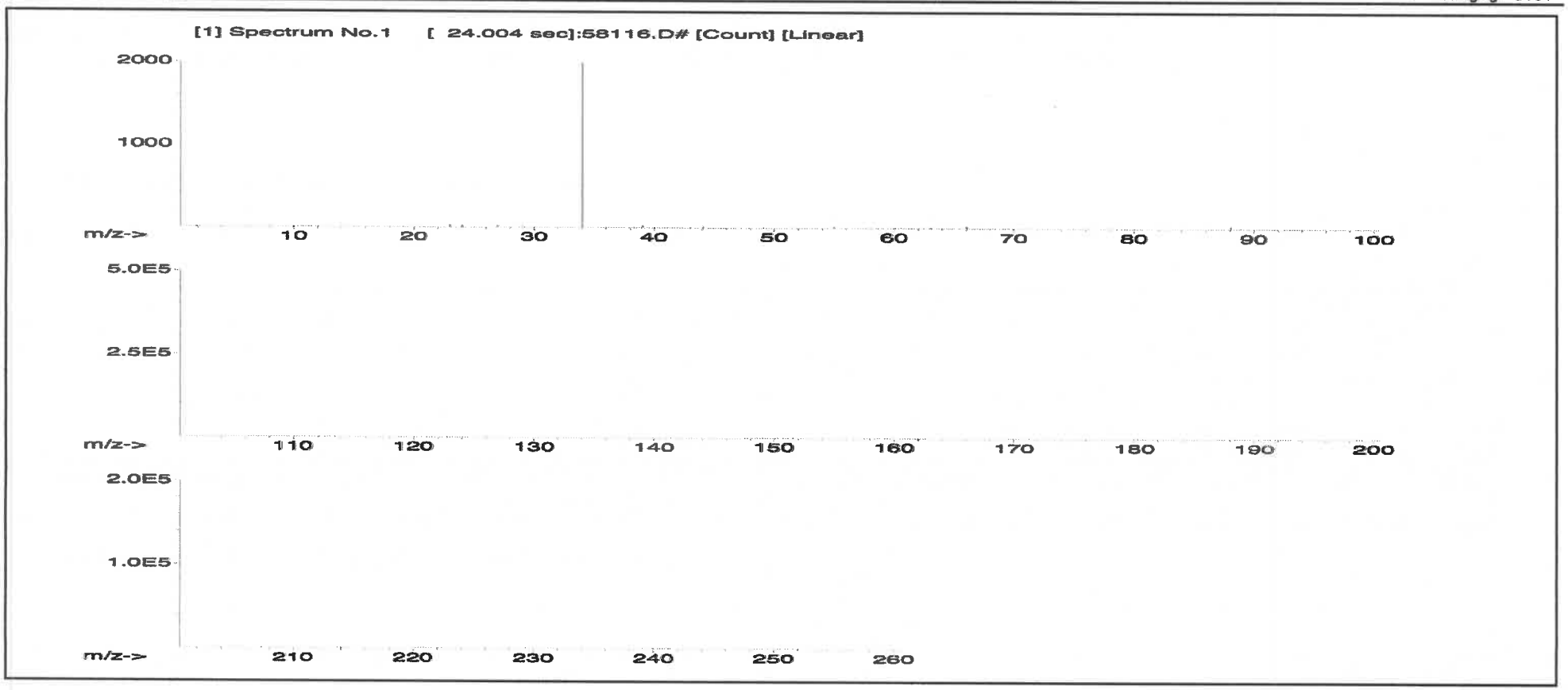
CERTIFIED WEIGHT REPORT:

| | | | | |
|---|---|---|---|---|
| **Part Number:** | **57116** | | | |
| **Lot Number:** | **071123** | **Solvent:** | 071123 | ASTM Type 1 Water |
| **Description:** | **Sulfur (S)** | | | |
| **Expiration Date:** | 071126 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 1999.48 | 0.058 | Flask Uncertainty | |

Lot #

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 071123 |
| Reviewed By: | Pedro L. Rentas | 071123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium sulfate (S) | IN117 | SLBR7225V | 10000 | 99.9 | 0.10 | 24.3 | 82.4675 | 82.4682 | **10000.1** | **20.0** | 7783-20-2 | NA | orl-rat 4250mg/kg | 3181 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | T | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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Lot #

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## CERTIFIED WEIGHT REPORT:

**Part Number:** 57014
**Lot Number:** 122023
**Description:** Silicon (Si)

**Expiration Date:** 122026
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 1999.48 ± 0.058 Flask Uncertainty

**Solvent:** 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

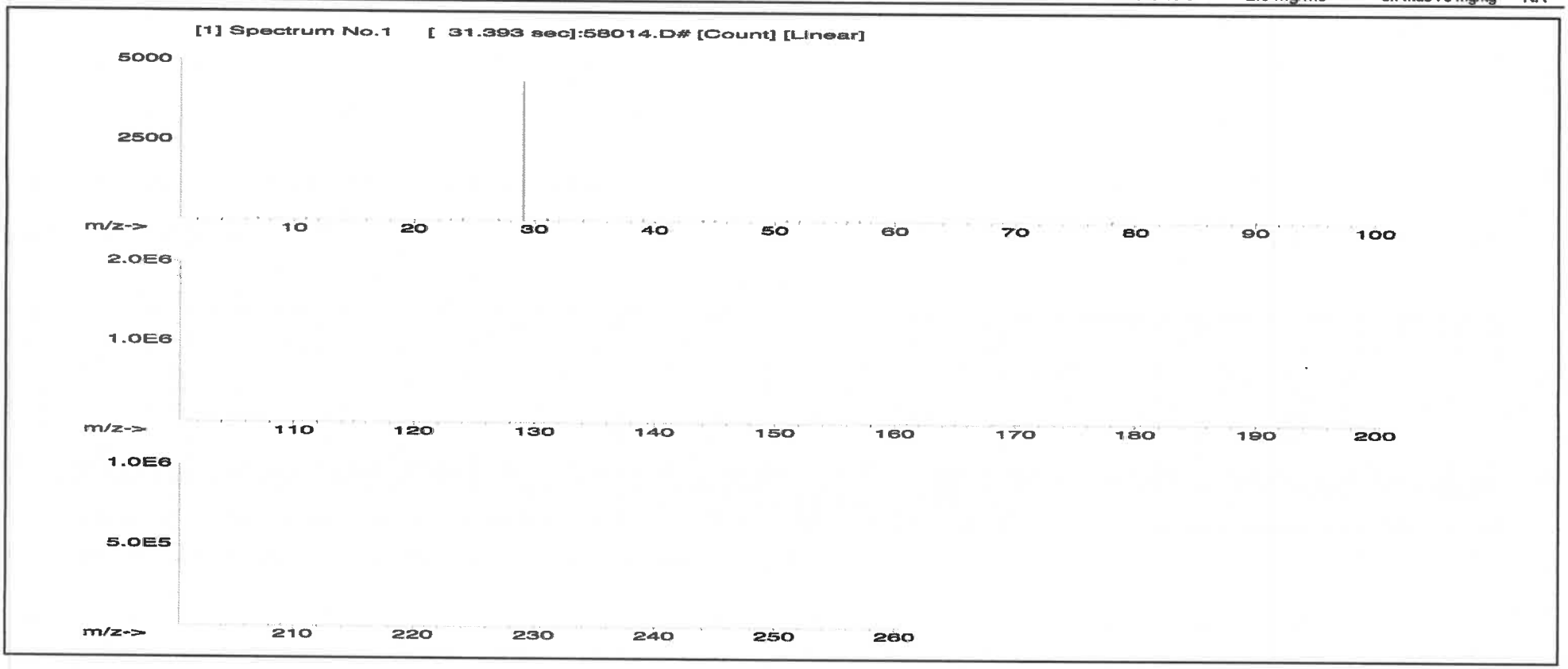
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium hexafluorosilicate (Si) | IN009 | SID082022A1 | 1000 | 99.999 | 0.10 | 14.4 | 13.8854 | 13.8855 | **1000.0** | **2.0** | 16919-19-0 | 2.5 mg/m3 | orl-mus 70 mg/kg | NA |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | T | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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CERTIFIED WEIGHT REPORT:

**Part Number:** 58030
**Lot Number:** 111623
**Description:** Zinc (Zn)

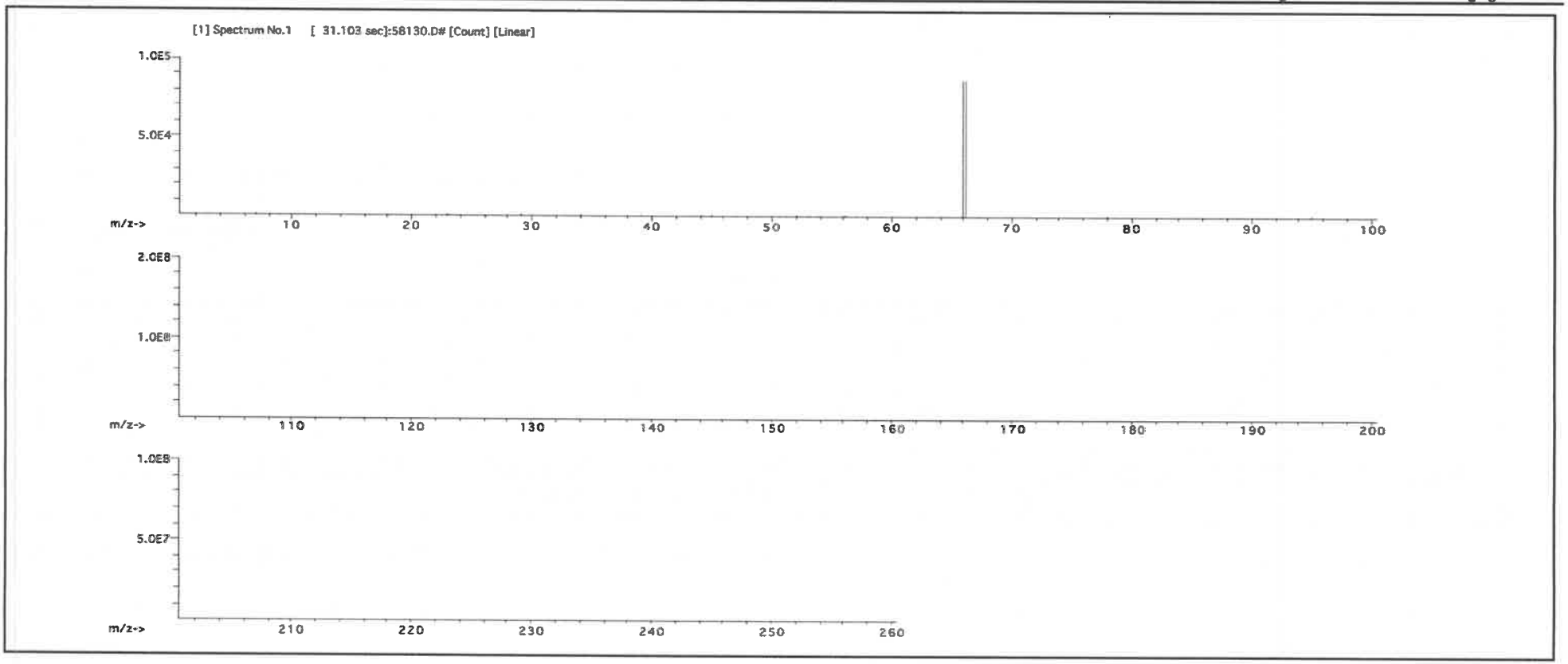
**Expiration Date:** 111626
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

**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.
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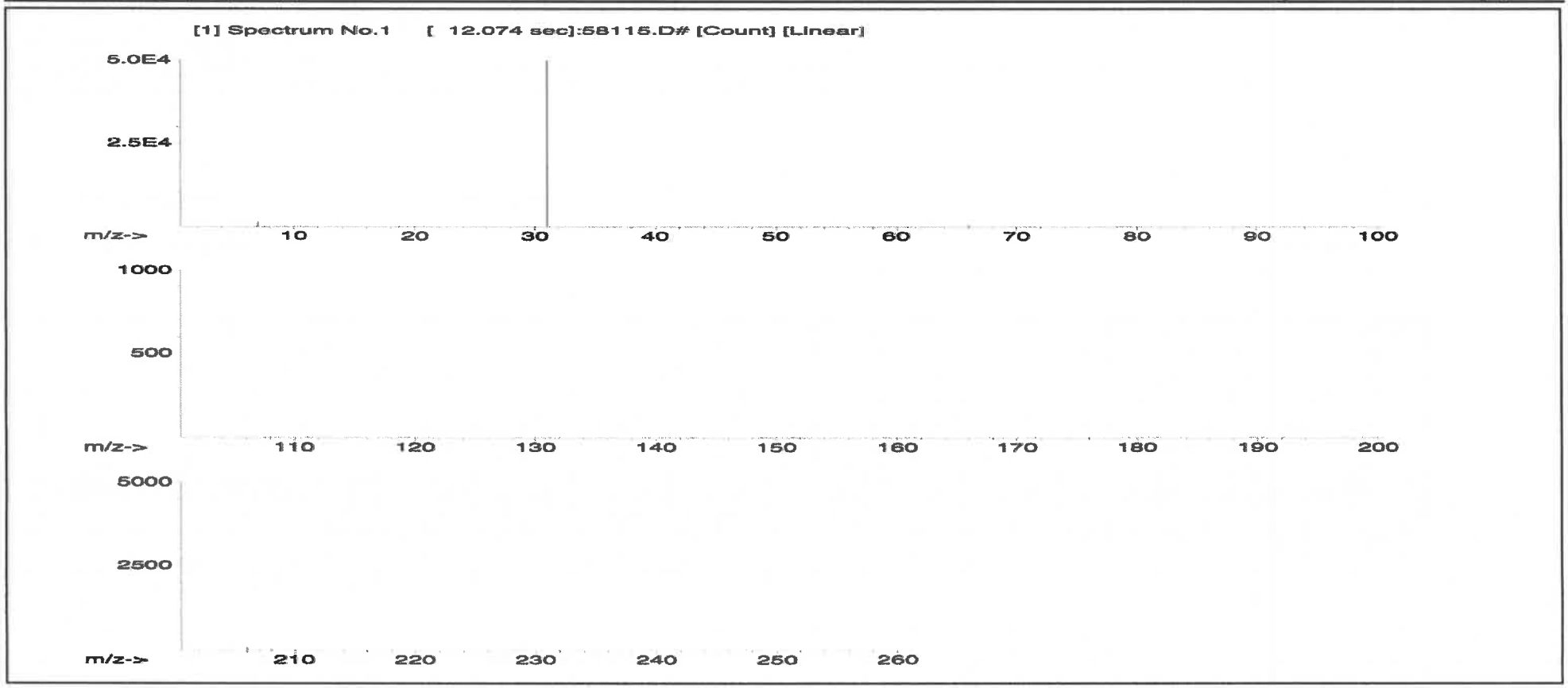
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57015** | | **Lot #** | | |
| **Lot Number:** | **091123** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Phosphorous (P)** | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 091126 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 091123 |
| Reviewed By: | Pedro L. Rentas | 091123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium dihydrogen phosphate (P) | IN008 | PV082019A1 | 1000 | 99.999 | 0.10 | 27.5 | 7.2729 | 7.2730 | **1000.0** | **2.0** | 7722-76-1 | 5 mg/m3 | orl-rat >2000mg/k | 3186 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | T | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

M5961 R: 6/11/24

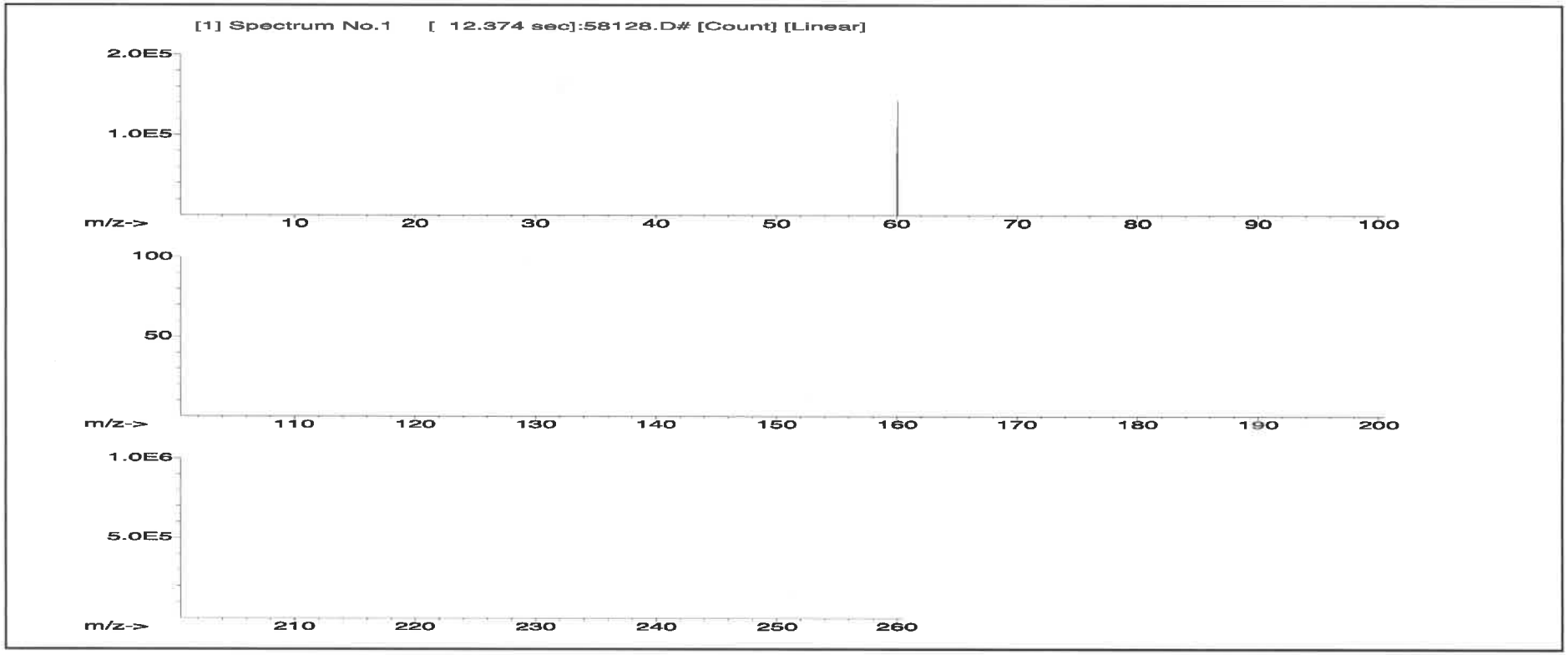
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.

* 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.**
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www.absolutestandards.com

***Certified Reference Material CRM***

M5962 R! 06/14/24.

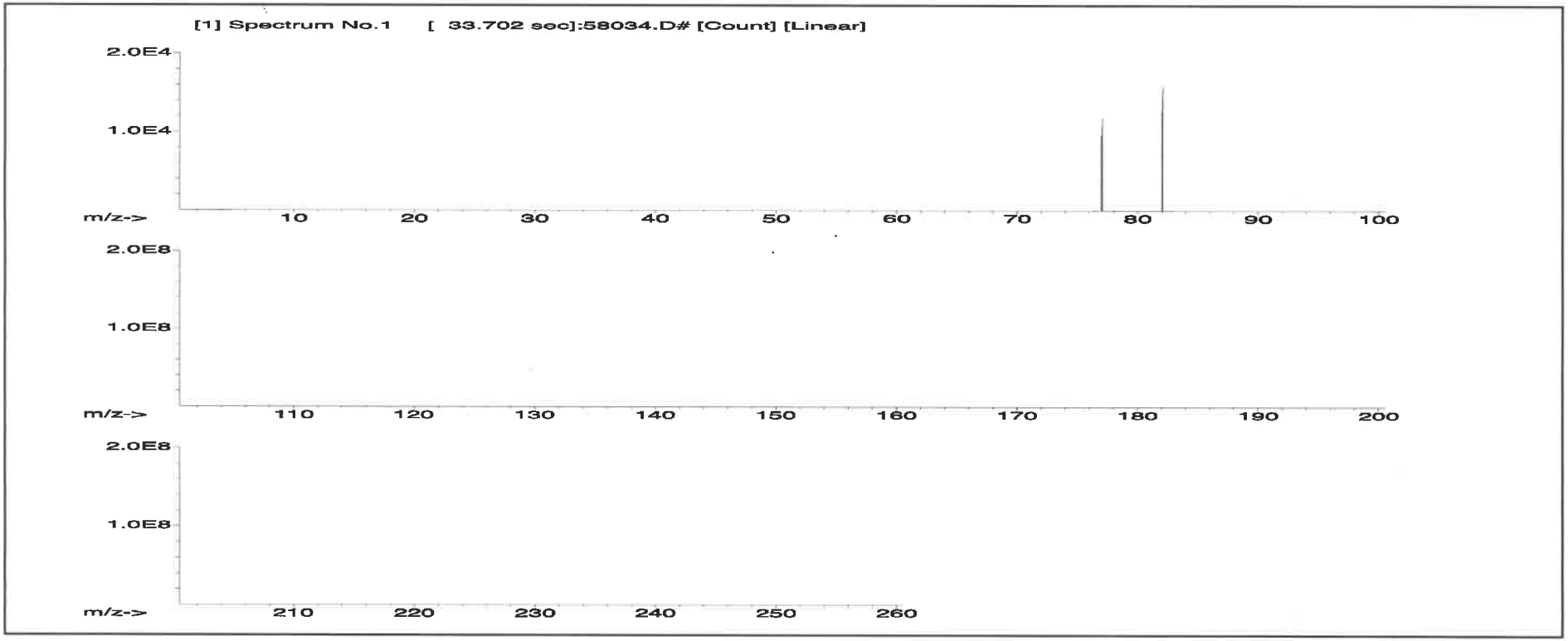
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57034** | 24002546 | Nitric Acid | |
| **Lot Number:** | **060624** | | | |
| **Description:** | **Selenium (Se)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 060627 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 060624 |
| Reviewed By: | Pedro L. Rentas | 060624 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Selenium (Se) | 58134 | 071223 | 0.1000 | 200.0 | 0.084 | 1000 | 10002.5 | **1000.0** | **2.2** | 7782-49-2 | 0.2 mg/m3 | orl-rat 6700 mg/kg | 3149 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | T | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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# Certificate of Analysis

M5976, M5977
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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGMO1 |
| Lot Number: | T2-MO720876 |
| Matrix: | H2O<br>tr. NH4OH |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Molybdenum |
| Starting Material: | Ammonium Molybdate |
| Starting Material Lot#: | 2361 |
| Starting Material Purity: | 99.9893% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 998 ± 7 µg/mL

**Density:** 1.000 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000590 | M | Eu | < | 0.000300 | M | Na | | 0.000879 | M | Se | < | 0.008000 | M | Zn | | 0.000598 |
| M | Al | | 0.000563 | M | Fe | < | 0.006500 | M | Nb | < | 0.029000 | i | Si | < | | M | Zr | < | 0.001800 |
| M | As | < | 0.002100 | M | Ga | < | 0.000300 | i | Nd | < | | M | Sm | < | 0.000300 | | | | |
| M | Au | < | 0.000300 | M | Gd | < | 0.000300 | M | Ni | < | 0.008000 | M | Sn | < | 0.008900 | | | | |
| M | B | < | 0.003300 | M | Ge | < | 0.000300 | M | Os | < | 0.000590 | M | Sr | | 0.000175 | | | | |
| M | Ba | | 0.001689 | M | Hf | < | 0.001800 | i | P | < | | M | Ta | < | 0.004200 | | | | |
| M | Be | < | 0.000890 | M | Hg | < | 0.003300 | M | Pb | < | 0.000300 | M | Tb | < | 0.000300 | | | | |
| M | Bi | < | 0.000890 | M | Ho | < | 0.000300 | M | Pd | < | 0.001800 | M | Te | < | 0.021000 | | | | |
| O | Ca | | 0.006334 | M | In | < | 0.032000 | M | Pr | < | 0.013000 | M | Th | < | 0.000300 | | | | |
| O | Cd | < | 0.026000 | M | Ir | < | 0.000300 | M | Pt | < | 0.000300 | O | Tl | < | 0.032000 | | | | |
| M | Ce | < | 0.008300 | M | K | | 0.130213 | M | Rb | | 0.004575 | M | Tl | | 0.001266 | | | | |
| M | Co | | 0.000598 | M | La | < | 0.000300 | M | Re | < | 0.000300 | M | Tm | < | 0.000300 | | | | |
| M | Cr | | 0.000527 | O | Li | | 0.000059 | M | Rh | < | 0.000300 | M | U | < | 0.005300 | | | | |
| M | Cs | | 0.000527 | M | Lu | < | 0.000300 | M | Ru | < | 0.079000 | M | V | < | 0.000890 | | | | |
| M | Cu | | 0.002252 | M | Mg | | 0.000563 | i | S | < | | M | W | | 0.087982 | | | | |
| M | Dy | < | 0.000300 | M | Mn | < | 0.005900 | M | Sb | | 0.001513 | M | Y | < | 0.000300 | | | | |
| M | Er | < | 0.000300 | s | Mo | < | | M | Sc | < | 0.001200 | M | Yb | < | 0.000300 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

**Chemical Compatibility -**Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

**Stability -** 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

**Mo Containing Samples (Preparation and Solution) -**Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl ).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| **Technique/Line** | **Estimated D.L.** | **Order** | **Interferences** (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 95 amu | 3 ppt | n/a | 40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+ |
| ICP-OES 202.030 nm | 0.008 / 0.0002 µg/mL | 1 | Os, Hf |
| ICP-OES 203.844 nm | 0.012 / 0.002 µg/mL | 1 | |
| ICP-OES 204.598 nm | 0.012 / 0.001 µg/mL | 1 | Ir, Ta |

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02



## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- July 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Prepared By:**

Uyen Truong
Supervisor, Product Documentation

**Certificate Approved By:**

Michael Booth
Director, Technical

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

M5978, M5979

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# Certificate of Analysis

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R: 2/22/24

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) $HNO_3$<br>tr. HF |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Titanium |
| Starting Material: | Ti Metal |
| Starting Material Lot#: | 2094 |
| Starting Material Purity: | 99.9975% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 1002 ± 5 µg/mL

**Density:** 1.012 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\,(u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (\bar{x}_a)\ (u_{char\ a})$

$\bar{x}_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000536 | M | Eu | < | 0.000268 | O | Na | < | 0.032670 | M | Se | | 0.001204 | O | Zn | < | 0.003267 |
| O | Al | | 0.000872 | O | Fe | | 0.003225 | O | Nb | < | 0.043560 | O | Si | | 0.004735 | O | Zr | < | 0.043560 |
| M | As | < | 0.008586 | M | Ga | < | 0.000268 | M | Nd | < | 0.000268 | M | Sm | < | 0.000268 | | | | |
| M | Au | < | 0.004577 | M | Gd | < | 0.000268 | O | Ni | < | 0.010890 | M | Sn | | 0.000096 | | | | |
| O | B | < | 0.008929 | M | Ge | < | 0.002146 | M | Os | < | 0.000269 | O | Sr | | 0.000096 | | | | |
| M | Ba | < | 0.002683 | M | Hf | | 0.002161 | O | P | < | 0.054450 | M | Ta | | 0.010560 | | | | |
| M | Be | < | 0.005366 | M | Hg | < | 0.003231 | M | Pb | < | 0.001073 | M | Tb | < | 0.000268 | | | | |
| M | Bi | < | 0.001609 | M | Ho | < | 0.000268 | M | Pd | < | 0.000268 | M | Te | < | 0.001341 | | | | |
| O | Ca | | 0.000676 | M | In | < | 0.002683 | M | Pr | < | 0.000268 | M | Th | < | 0.053663 | | | | |
| M | Cd | < | 0.000268 | M | Ir | < | 0.000269 | M | Pt | < | 0.000536 | s | Ti | < | | | | | |
| M | Ce | < | 0.000268 | M | K | | 0.001172 | M | Rb | < | 0.000268 | M | Tl | < | 0.000268 | | | | |
| M | Co | < | 0.004293 | M | La | < | 0.000268 | M | Re | < | 0.000268 | M | Tm | < | 0.000268 | | | | |
| M | Cr | | 0.000752 | O | Li | < | 0.027225 | M | Rh | < | 0.000268 | M | U | < | 0.000268 | | | | |
| M | Cs | < | 0.000268 | M | Lu | < | 0.000268 | M | Ru | < | 0.000269 | M | V | < | 0.019855 | | | | |
| O | Cu | < | 0.010890 | O | Mg | < | 0.005445 | i | S | < | | M | W | | 0.000473 | | | | |
| M | Dy | < | 0.000268 | O | Mn | < | 0.003267 | M | Sb | < | 0.006976 | M | Y | < | 0.002146 | | | | |
| M | Er | < | 0.000268 | M | Mo | | 0.000774 | O | Sc | < | 0.004900 | M | Yb | < | 0.000536 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 47.87 +4 6 Ti(F)6-2

**Chemical Compatibility -** Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

**Stability -** 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

**Ti Containing Samples (Preparation and Solution) -** Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores ( fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| Technique/Line | Estimated D.L. | Order | Interferences (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 48 amu | 14 ppt | N/A | 32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)] |
| ICP-OES 323.452 nm | 0.0054 / 0.00092 µg/mL | 1 | Ce, Ar, Ni |
| ICP-OES 334.941 nm | 0.0038 / 0.000028 µg/mL | 1 | Nb, Ta, Cr, U |
| ICP-OES 336.121 nm | 0.0053 / 0.000034 µg/mL | 1 | W, Mo, Co |

**HF Note:** This standard should not be prepared or stored in glass.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

M5981 R:6/11/24

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57092** | 24002546 | Nitric Acid | |
| **Lot Number:** | **060724** | | | |
| **Description:** | **Uranium (U)** | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 060727 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | |

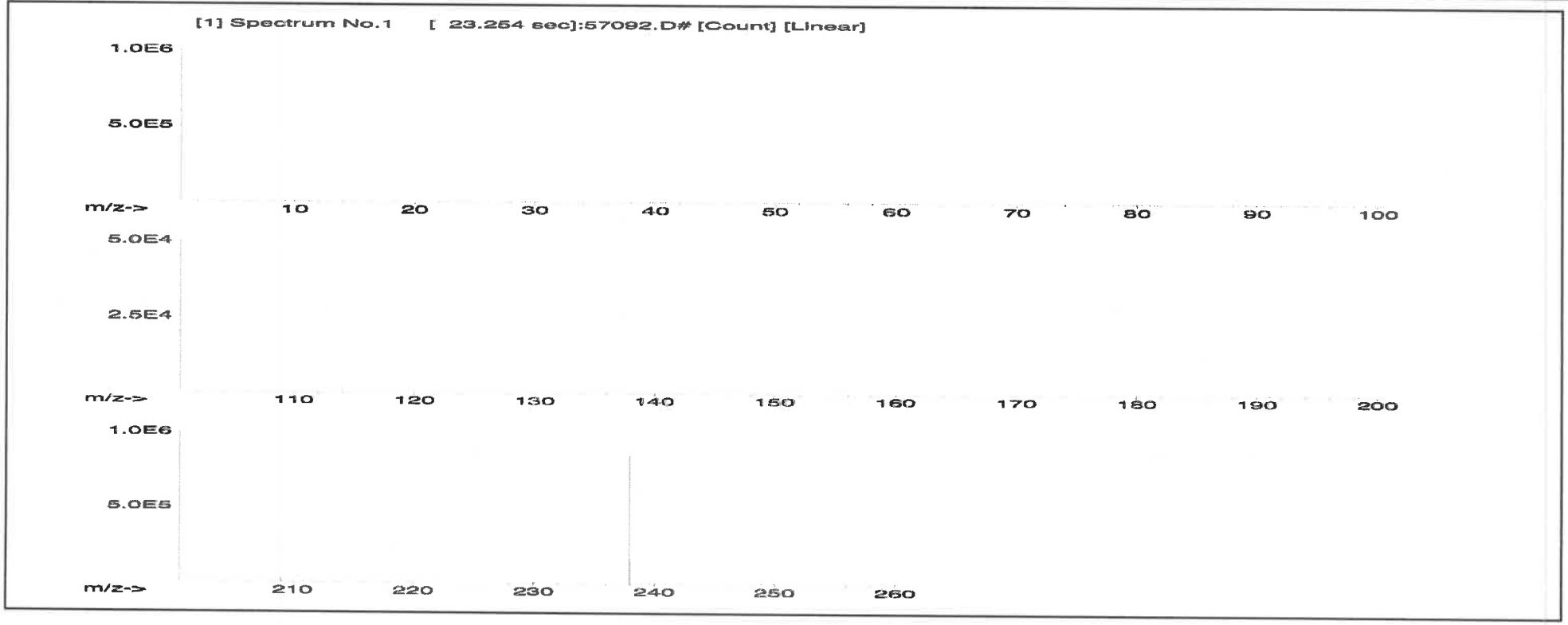
Giovanni Esposito

| Formulated By: | Giovanni Esposito | 060724 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 060724 |
|---|---|---|

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Uranyl nitrate hexahydrate (U) | 58192 | 041524 | 0.1000 | 200.0 | 0.084 | 1000 | 10001.5 | **1000.0** | **2.2** | 13520-83-7 | 0.05 mg/m3 | orl-rat 1040 mg/kg | 3164 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | T |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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***Certified Reference Material CRM***

45982 R: 6/11/24

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CERTIFIED WEIGHT REPORT:

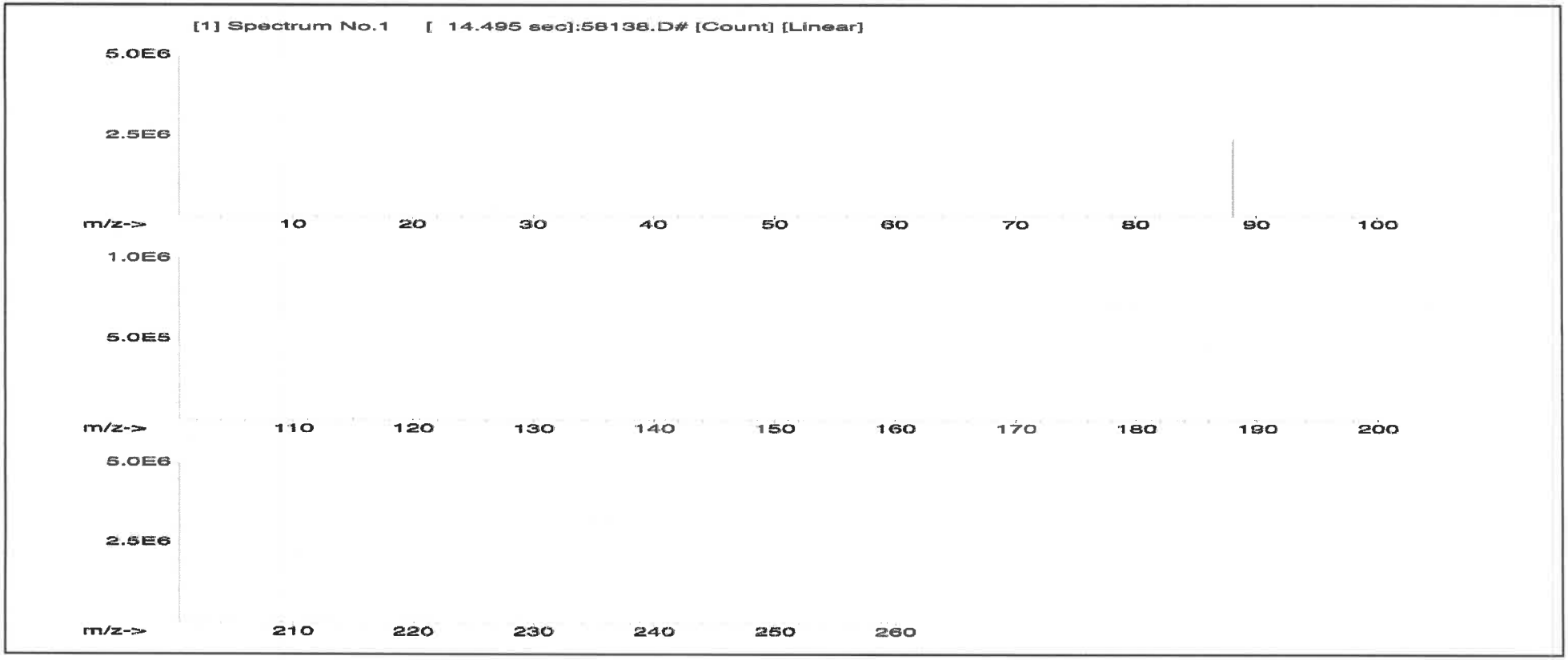
**Part Number:** 57038
**Lot Number:** 031524
**Description:** Strontium (Sr)

**Expiration Date:** 031527
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.07

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| 5E-05 | Balance Uncertainty | | |
| 0.100 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 031524 |
| Reviewed By: | Pedro L. Rentas | 031524 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Strontium nitrate (Sr) | IN017 | SRZ022018A1 | 1000 | 99.997 | 0.10 | 41.2 | 4.85470 | 4.85502 | **1000.1** | **2.0** | 10042-76-9 | NA | orl-rat >2000mg/kg | 3153a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | T | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5983 R: 6/11/24

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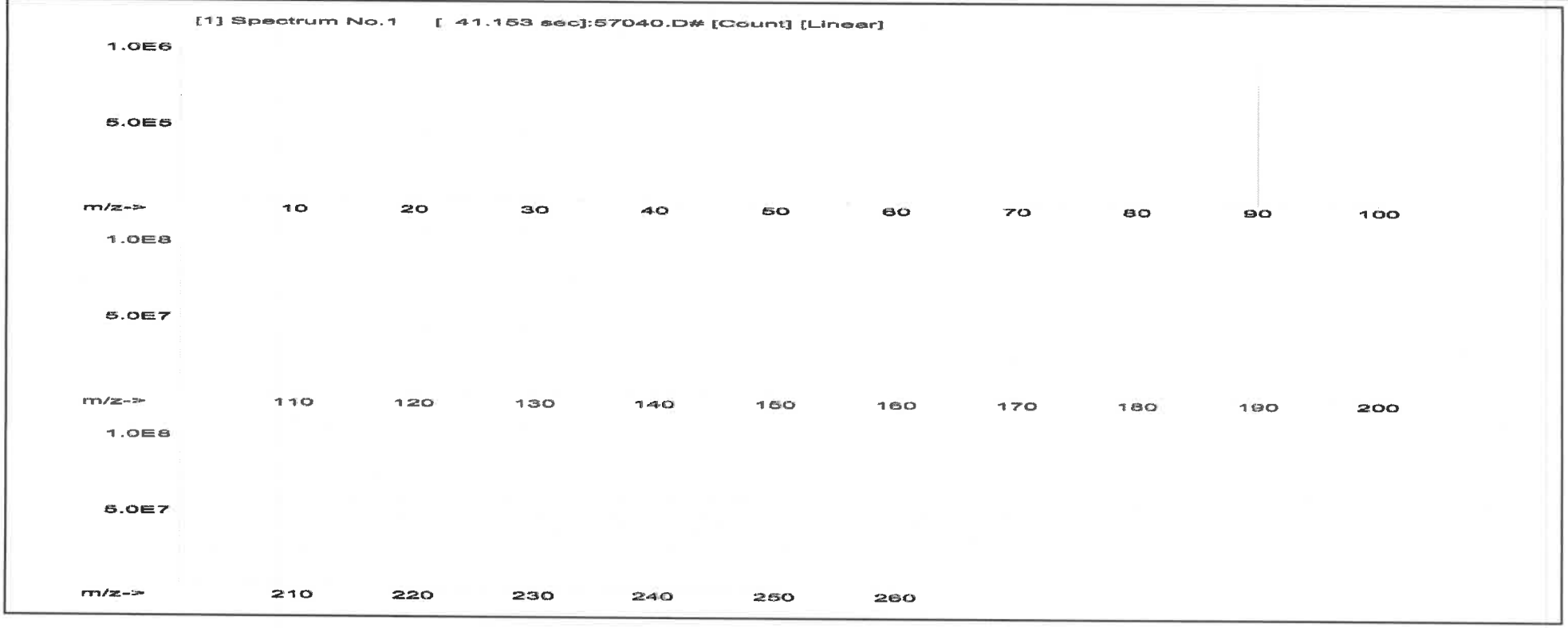
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | 57040 | 21110221 | Nitric Acid | |
| **Lot Number:** | 071423 | | | |
| **Description:** | Zirconium (Zr) | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 071426 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | 1000 | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071423 |
| Reviewed By: | Pedro L. Rentas | 071423 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Zirconyl chloride octahydrate (Zr) | 58140 | 070621 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.3 | **1000.0** | **2.2** | 13520-92-8 | NA | NA | NA |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | T |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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***Certified Reference Material CRM***

R: 01/03/24 M6033

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CERTIFIED WEIGHT REPORT:

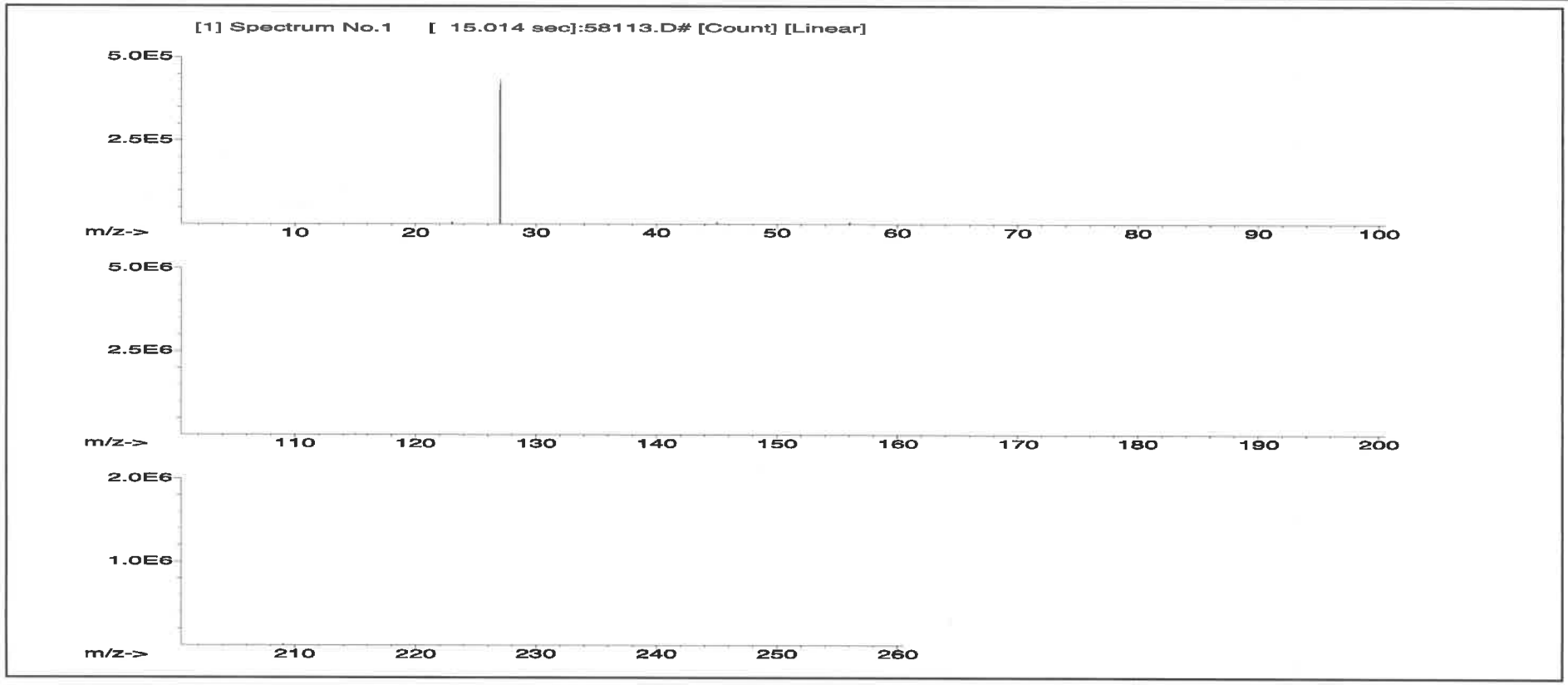
| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **58113** | | **Solvent:** | 20510011 | Nitric Acid |
| **Lot Number:** | **011623** | | | | |
| **Description:** | **Aluminum (Al)** | | | | |
| | | | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 011626 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 Balance Uncertainty | | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 Flask Uncertainty | | | |

Lot #

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 011623 |
| Reviewed By: | Pedro L. Rentas | 011623 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aluminum nitrate nonahydrate (Al) | IN022 | ALM112021A1 | 10000 | 99.999 | 0.10 | 7.30 | 273.9779 | 274.0078 | **10001.1** | **20.0** | 7784-27-2 | 2 mg/m3 | orl-rat 3671 mg/kg | 3101a |



Nitric Acid 69%
CMOS

Recv date: 1. 1. — 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($HNO_3$) | 69.0 – 70.0 % | 69.7 % |
| Appearance | Passes Test | Passes Test |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Ignition | ≤ 2 ppm | 1 ppm |
| Chloride (Cl) | ≤ 0.08 ppm | < 0.03 ppm |
| Phosphate ($PO_4$) | ≤ 0.10 ppm | < 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.2 ppm | < 0.2 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 40.0 ppb | < 1.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 2.0 ppb |
| Trace Impurities – Barium (Ba) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Beryllium (Be) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Bismuth (Bi) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Boron (B) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 50.0 ppb | 2.3 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities – Cobalt (Co) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Copper (Cu) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Gallium (Ga) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Germanium (Ge) | ≤ 20 ppb | < 10 ppb |
| Trace Impurities – Gold (Au) | ≤ 20 ppb | < 5 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | 100 ppb |
| Trace Impurities – Iron (Fe) | ≤ 40.0 ppb | < 1.0 ppb |
| Trace Impurities – Lead (Pb) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Lithium (Li) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 20 ppb | < 1 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 20.0 ppb | < 5.0 ppb |

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 50 ppb | 16 ppb |
| Trace Impurities – Silicon (Si) | ≤ 50 ppb | < 10 ppb |
| Trace Impurities – Silver (Ag) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Sodium (Na) | ≤ 150.0 ppb | < 5.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count – 0.5 µm and greater | ≤ 60 par/ml | 10 par/ml |
| Particle Count – 1.0 µm and greater | ≤ 10 par/ml | 3 par/ml |

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS - Assay (as HCl) (by acid-base titrn) | 36.5 - 38.0 % | 37.6 % |
| ACS - Color (APHA) | ≤ 10 | 5 |
| ACS - Residue after Ignition | ≤ 3 ppm | < 1 ppm |
| ACS - Specific Gravity at 60°/60°F | 1.185 - 1.192 | 1.192 |
| ACS - Bromide (Br) | ≤ 0.005 % | < 0.005 % |
| ACS - Extractable Organic Substances | ≤ 5 ppm | < 1 ppm |
| ACS - Free Chlorine (as $Cl_2$) | ≤ 0.5 ppm | < 0.5 ppm |
| Phosphate ($PO_4$) | ≤ 0.05 ppm | 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.5 ppm | < 0.3 ppm |
| Sulfite ($SO_3$) | ≤ 0.8 ppm | 0.3 ppm |
| Ammonium ($NH_4$) | ≤ 3 ppm | < 1 ppm |
| Trace Impurities - Arsenic (As) | ≤ 0.010 ppm | < 0.003 ppm |
| Trace Impurities - Aluminum (Al) | ≤ 10.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 3.0 ppb |
| Trace Impurities - Barium (Ba) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Beryllium (Be) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Bismuth (Bi) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Boron (B) | ≤ 20.0 ppb | 2.2 ppb |
| Trace Impurities - Cadmium (Cd) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Calcium (Ca) | ≤ 50.0 ppb | 31.0 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 1.0 ppb | 0.5 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities - Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities - Gallium (Ga) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities - Germanium (Ge) | ≤ 3.0 ppb | < 2.0 ppb |
| Trace Impurities - Gold (Au) | ≤ 4.0 ppb | < 0.2 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities - Iron (Fe) | ≤ 15 ppb | 3 ppb |

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Lead (Pb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Lithium (Li) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 10.0 ppb | 2.2 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Mercury (Hg) | ≤ 0.5 ppb | < 0.1 ppb |
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 4.0 ppb | 0.2 ppb |
| Trace Impurities – Niobium (Nb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Potassium (K) | ≤ 9.0 ppb | < 1.0 ppb |
| Trace Impurities – Selenium (Se), For Information Only | | < 1.0 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | < 10.0 ppb |
| Trace Impurities – Silver (Ag) | ≤ 1.0 ppb | < 0.3 ppb |
| Trace Impurities – Sodium (Na) | ≤ 100.0 ppb | 2.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 1.0 ppb | < 0.9 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 5.0 ppb | < 2.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 5.0 ppb | < 0.4 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities – Vanadium (V) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 5.0 ppb | < 0.2 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 1.0 ppb | < 0.1 ppb |

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | IV-STOCK-12 |
| Lot Number: | U2-MEB734294 |
| Matrix: | 5% (v/v) HNO3 |
| Value / Analyte(s): | 10 µg/mL ea: |

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Barium, Ba | 10.01 ± 0.04 µg/mL | Beryllium, Be | 10.01 ± 0.05 µg/mL |
| Bismuth, Bi | 10.01 ± 0.06 µg/mL | Cerium, Ce | 10.01 ± 0.04 µg/mL |
| Cobalt, Co | 10.01 ± 0.05 µg/mL | Indium, In | 10.01 ± 0.04 µg/mL |
| Lead, Pb | 10.00 ± 0.04 µg/mL | Lithium, Li | 10.01 ± 0.04 µg/mL |
| Nickel, Ni | 10.01 ± 0.04 µg/mL | Uranium, U | 10.01 ± 0.05 µg/mL |

**Density:** 1.025 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Calculated | | See Sec. 4.2 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Bi | ICP Assay | 3106 | 180815 |
| Ce | ICP Assay | 3110 | 160830 |
| Ce | EDTA | 928 | 928 |
| Ce | Calculated | | See Sec. 4.2 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Co | Calculated | | See Sec. 4.2 |
| In | ICP Assay | 3124a | 110516 |
| In | EDTA | 928 | 928 |
| In | Calculated | | See Sec. 4.2 |
| Li | ICP Assay | 3129a | 100714 |
| Li | Calculated | | See Sec. 4.2 |
| Li | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| Ni | Calculated | | See Sec. 4.2 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Pb | Calculated | | See Sec. 4.2 |
| U | ICP Assay | traceable to 3164 | R2-U689597 |
| U | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Certified Abundance:**

**IV's Certified Abundance**

| Isotope | Atom % |
|---|---|
| Uranium 238U | 99.8 ± 0.1 |
| Uranium 235U | 0.19 ± 0.05 |

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

**6.1** This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

**6.2** For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

**10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"**

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 21, 2028**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

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

Nitric Acid 69%
CMOS

M6096
M6097
M6098
M6099
M6100

Mtd 9/21/24

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

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($HNO_3$) | 69.0 - 70.0 % | 69.6 % |
| 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 | < 0.2 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 | < 50 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.: 24B1362001

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 50 ppb | < 10 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 | 3 par/ml |
| Particle Count – 1.0 µm and greater | ≤ 10 par/ml | 1 par/ml |

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

**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

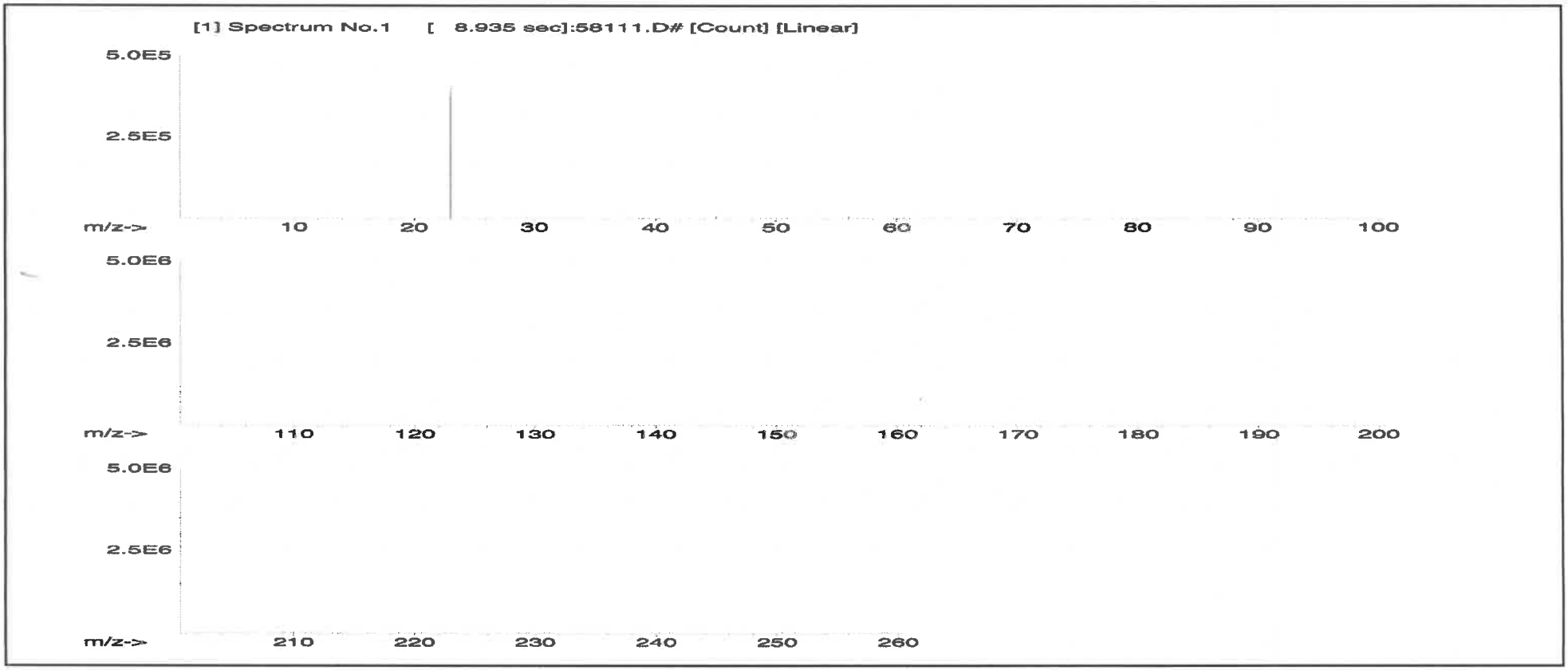
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

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.

**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.

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R: 01/03/24 M5802, M5803

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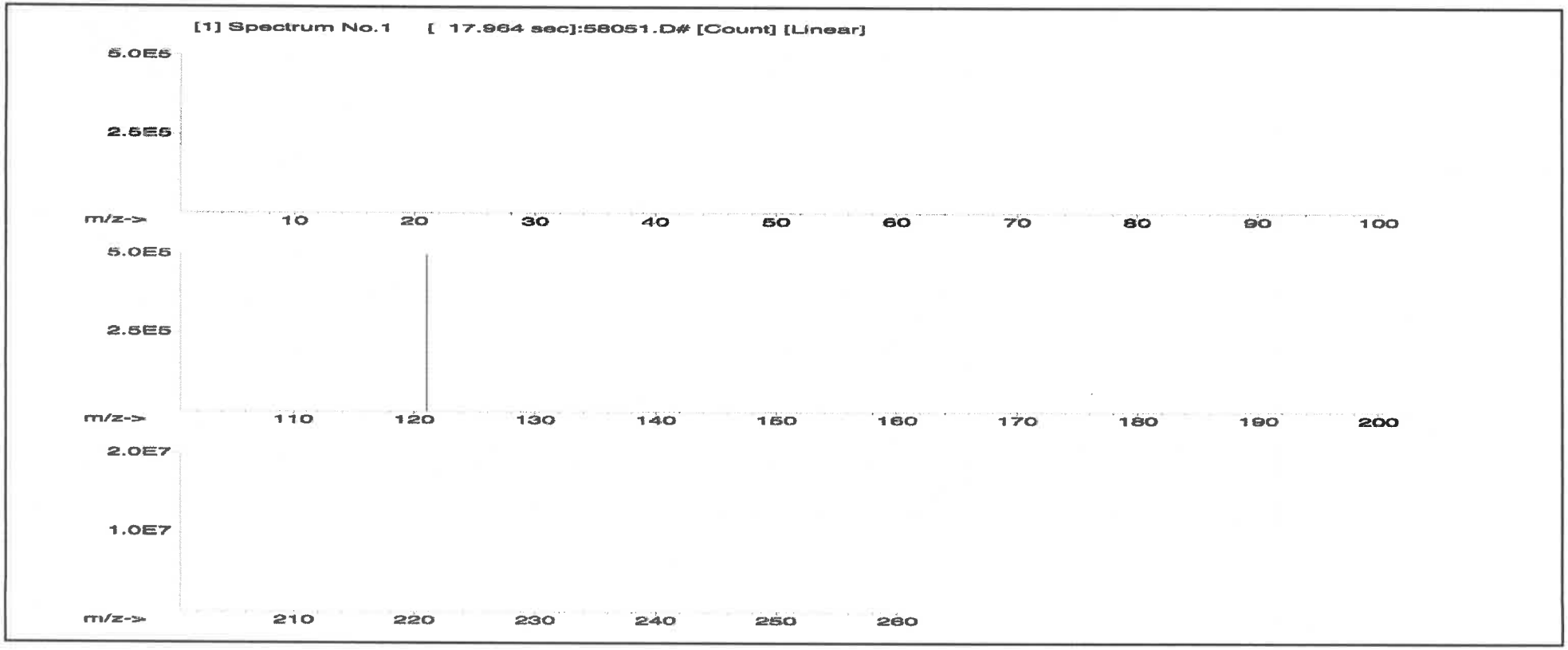
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57051** | 24002546 | Nitric Acid | |
| **Lot Number:** | **120523** | | | |
| **Description:** | **Antimony (Sb)** | | | |
| | | 2.0% | 60.0 (mL) | Nitric Acid |
| **Expiration Date:** | 120526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 3000.41 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 120523 |
| Reviewed By: | Pedro L. Rentas | 120523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Antimony (Sb) | 58151 | 100923 | 0.1000 | 300.0 | 0.084 | 1000 | 10001.4 | **1000.0** | 2.1 | 7440-36-0 | 0.5 mg/m3 | orl-rat 7000 mg/kg | 3102a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | T | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

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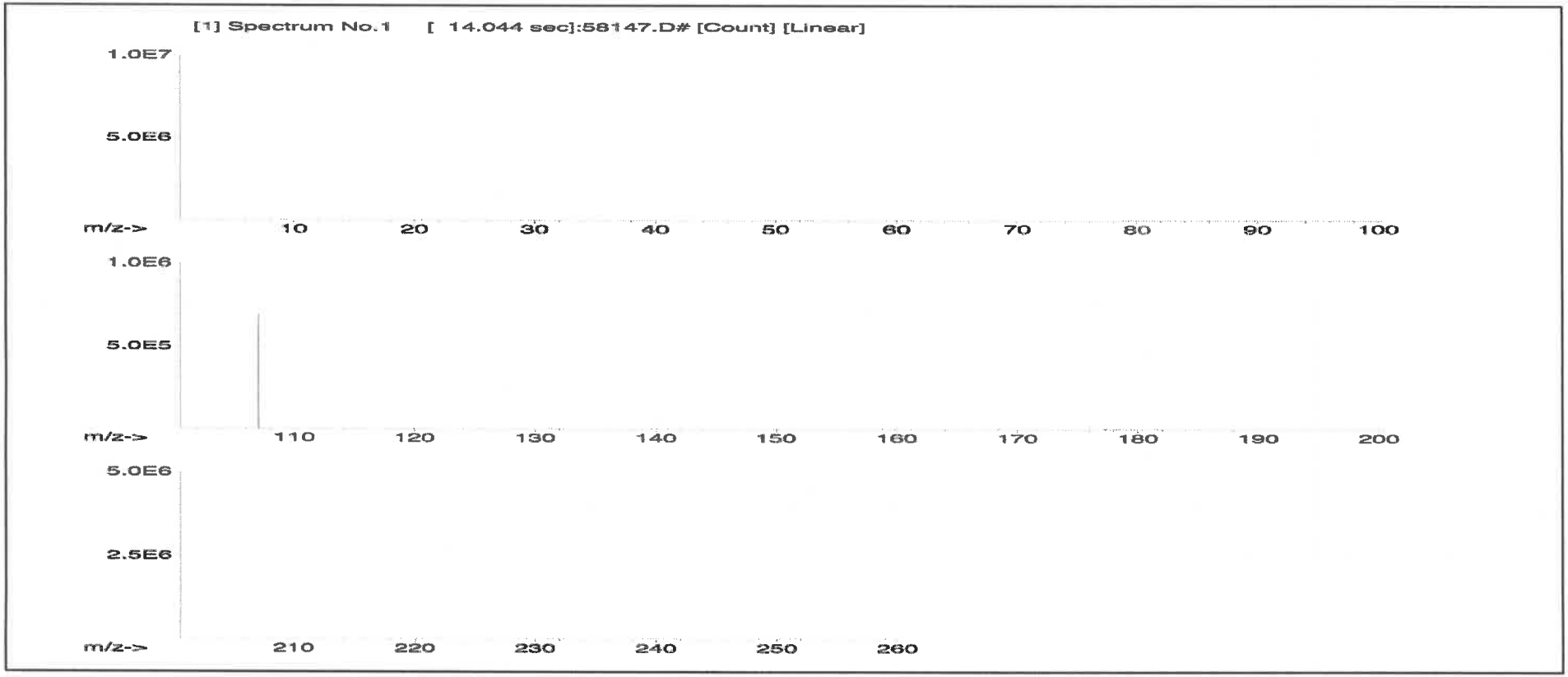
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57047** | | | **Lot #** | |
| **Lot Number:** | **122823** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Silver (Ag)** | | | | |
| | | 2% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 122826 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 4000.30 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 122823 |
| Reviewed By: | Pedro L. Rentas | 122823 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Silver nitrate (Ag) | IN035 | J0612AGA1 | 1000.0 | 99.9999 | 0.10 | 63.7 | 6.27992 | 6.27998 | **1000.0** | **2.0** | 7761-88-8 | 10 ug/m3 | NA | 3151 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | T | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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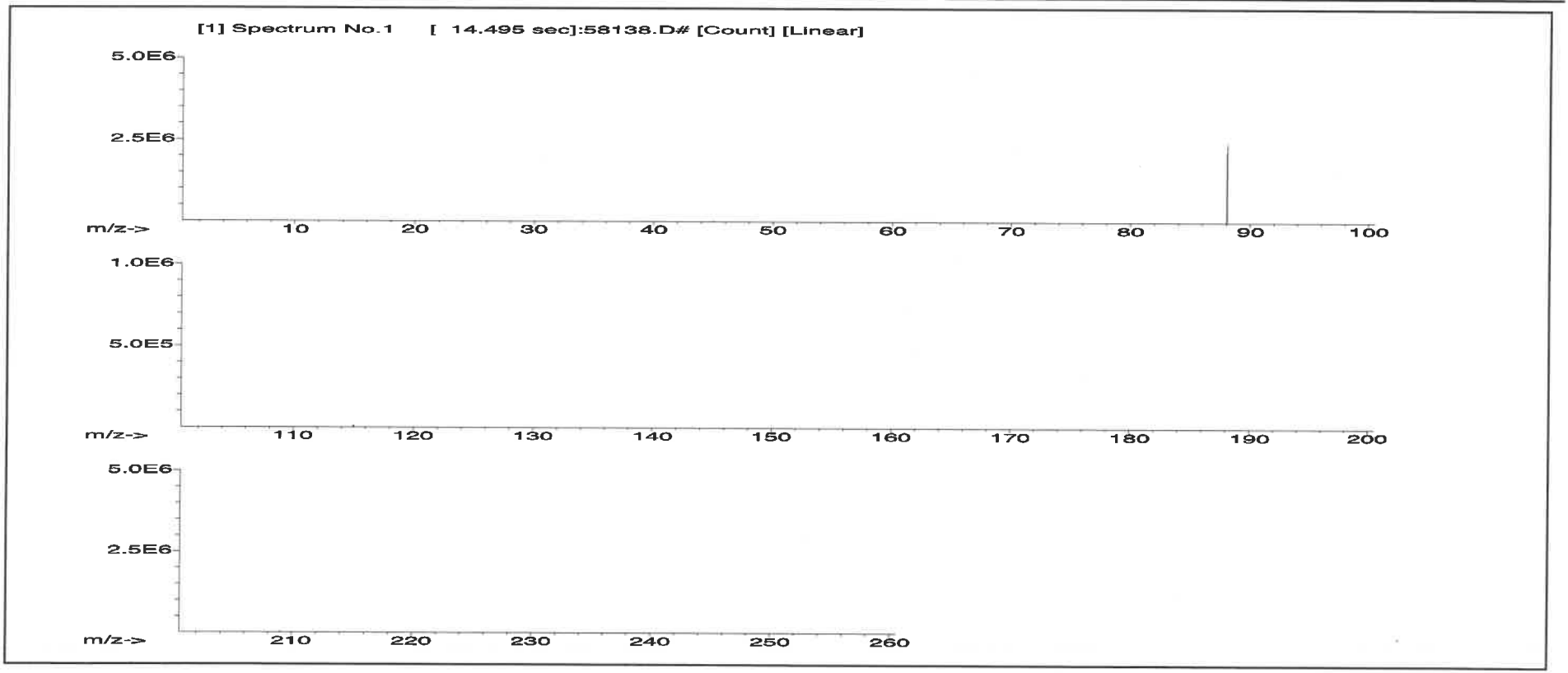
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **56138** | | **Lot #** | | |
| **Lot Number:** | **082922** | **Solvent:** | 20510011 | Nitric Acid | |
| **Description:** | **Strontium (Sr)** | | | | |
| | | 2% | 20.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 082925 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 1000.12 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 082922 |
| Reviewed By: | Pedro L. Rentas | 082922 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | **Actual Conc. (µg/mL)** | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Strontium nitrate (Sr) | IN017 | SRZ022018A1 | 10000 | 99.997 | 0.10 | 41.2 | 24.2756 | 24.2758 | **10000.1** | **20.0** | 10042-76-9 | NA | orl-rat >2000mg/kg | 3153a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | T | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R ! 8/5/24

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CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57081** | | **Lot #** | | |
| **Lot Number:** | **062724** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Thallium (Tl)** | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 062727 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.1 | 0.10 | Flask Uncertainty | | |

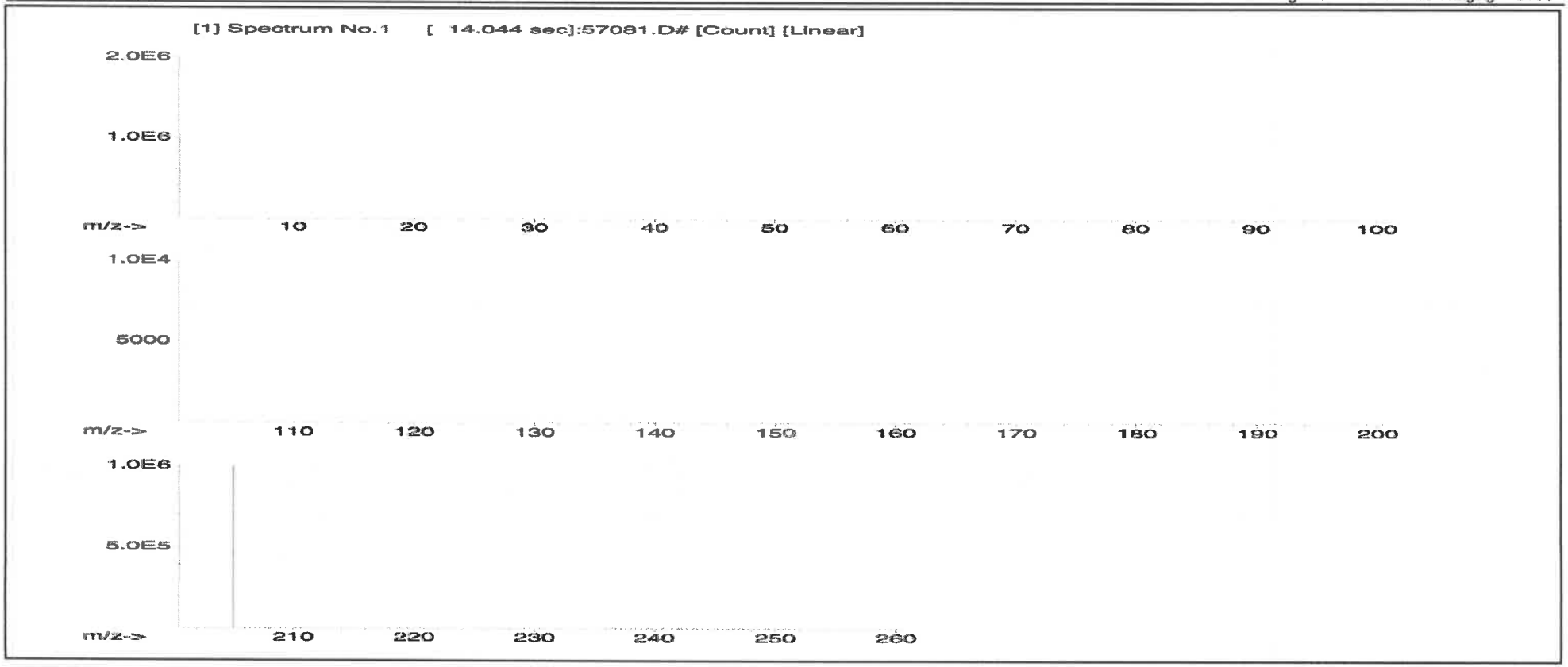
Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 062724 |

Pedro Rentas

| | | |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 062724 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Thallium nitrate (Tl) | IN037 | BCCF4399 | 1000 | 99.999 | 0.10 | 77.0 | 2.5975 | 2.5977 | **1000.1** | **2.0** | 10102-45-1 | 0.1 mg/m3 | orl-mus 15mg/kg | 3158 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | T | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* 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***

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57023** | | | |
| **Lot Number:** | **062424** | | | |
| **Description:** | **Vanadium (V)** | 24002546 | Nitric Acid | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 062427 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.3 | 0.06 | Flask Uncertainty | |

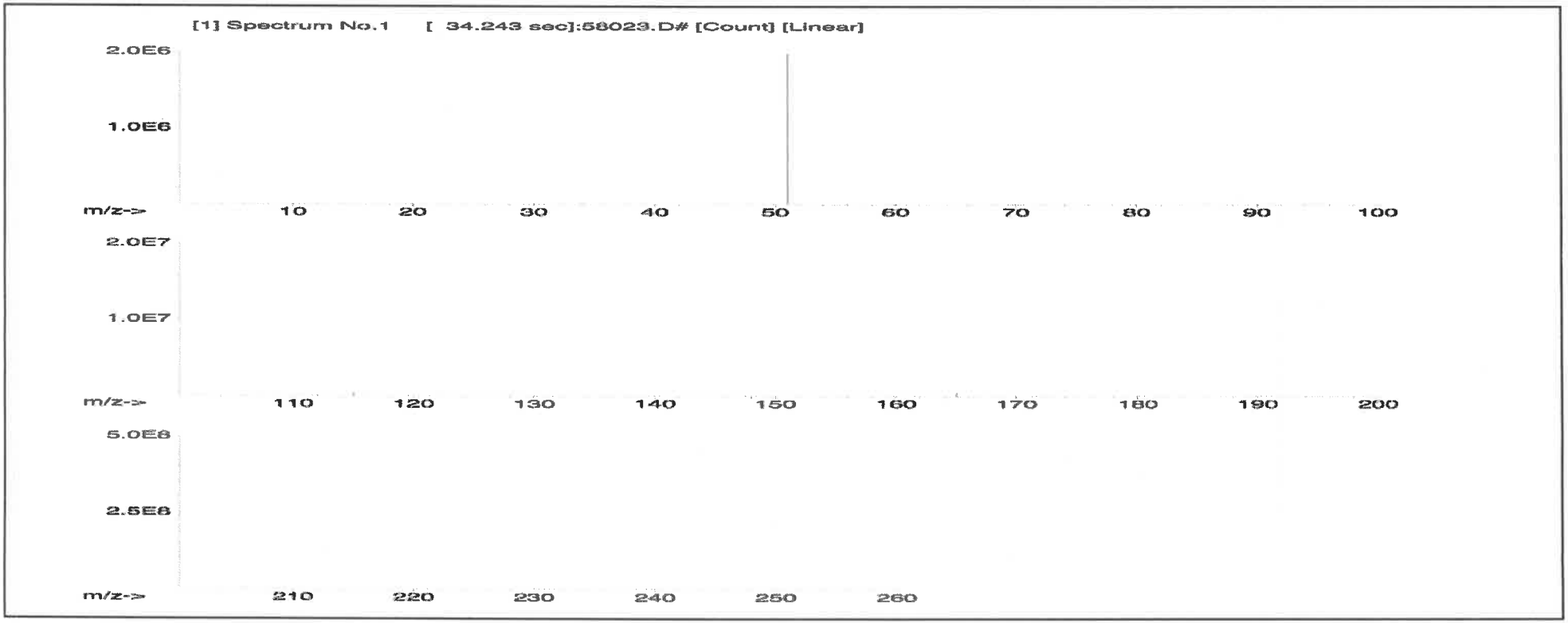
Aleah O'Brady

| Formulated By: | Aleah O'Brady | 062424 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 062424 |
|---|---|---|

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium metavanadate (V) | 58123 | 021224 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.3 | **1000.0** | **2.2** | 7803-55-6 | 0.05 mg/m3 | orl-rat 58.1mg/kg | 3165 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | T |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**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).

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB164456

**SOP ID :** M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

**SDG No :** MYE4K0

**Matrix :** SOIL

**Pippete ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

**Block ID:** 1. HOT BLOCK #3 2. N/A

**Start Digest Date:** 10/28/2024 **Time :** 09:00 **Temp :** 97 °C

**End Digest Date:** 10/28/2024 **Time :** 12:00 **Temp :** 97 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #3

**Dig Technician Signature:** JSP

**Supervisor Signature:**

**Temp :** 1. 97°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSS | 1.00 | MP82583 |
| LCSSD | 0.50 | 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 | 10.00 | MP81119 |
| 1:1 HCL | 5.00 | MP82127 |
| Conc. HNO3 | 5.00 | M6097 |
| 30% H2O2 | 3.00 | M5634 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK #3 CELL #34 : 97 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 10/28/24 12:30 | JSP / Met dig | [illegible] |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB164456**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P4519-01 | MYE4K0 | N/A | 1.27 | 500 | Brown | Yellow | Medium | N/A | N/A | 1 |
| P4519-02 | MYE4K1 | N/A | 1.29 | 500 | Brown | Yellow | Medium | N/A | N/A | 2 |
| P4519-03 | MYE4K2 | N/A | 1.37 | 500 | Brown | Yellow | Medium | N/A | N/A | 3 |
| P4519-03MS | MYE4K2MS RE JSP 10/28/24 | N/A | 1.16 | 500 | Brown | Yellow | Medium | N/A | M5565,M5657,M5962 | 4 |
| ~~P4519-03MSD~~ | ~~MYE4K2MSD~~ JSP 10/28/24 | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | ~~N/A~~ | N/A |
| P4519-04 | MYE4K2D | N/A | 1.11 | 500 | Brown | Yellow | Medium | N/A | N/A | 5 |
| P4519-05 | MYE4K2S | N/A | 1.24 | 500 | Brown | Yellow | Medium | N/A | M5565,M5657,M5962 | 6 |
| P4519-06 | MYE4K3 | N/A | 1.30 | 500 | Brown | Yellow | Medium | N/A | N/A | 7 |
| P4519-07 | MYE4K4 | N/A | 1.16 | 500 | Brown | Yellow | Medium | N/A | N/A | 8 |
| P4519-08 | MYE4K5 | N/A | 1.13 | 500 | Brown | Yellow | Medium | N/A | N/A | 9 |
| P4519-09 | MYE4K6 | N/A | 1.18 | 500 | Brown | Yellow | Medium | N/A | N/A | 10 |
| P4519-10 | MYE4K7 | N/A | 1.19 | 500 | Brown | Yellow | Medium | N/A | N/A | 11 |
| P4519-11 | MYE4K8 | N/A | 1.09 | 500 | Brown | Yellow | Medium | N/A | N/A | 12 |
| P4519-12 | MYE4K9 | N/A | 1.28 | 500 | Brown | Yellow | Medium | N/A | N/A | 13 |
| P4519-13 | MYE4L0 | N/A | 1.19 | 500 | Brown | Yellow | Medium | N/A | N/A | 14 |
| P4519-14 | MYE4L1 | N/A | 1.21 | 500 | Brown | Yellow | Medium | N/A | N/A | 15 |
| P4519-15 | MYE4L2 | N/A | 1.47 | 500 | Brown | Yellow | Medium | N/A | N/A | 16 |
| P4519-16 | MYE4P6 | N/A | 1.22 | 500 | Brown | Yellow | Medium | N/A | N/A | 17 |
| P4519-17 | MYE4P7 | N/A | 1.30 | 500 | Brown | Yellow | Medium | N/A | N/A | 18 |
| P4519-18 | MYE4P8 | N/A | 1.40 | 500 | Brown | Yellow | Medium | N/A | N/A | 19 |
| P4519-19 | MYE4P9 | N/A | 1.18 | 500 | Brown | Yellow | Medium | N/A | N/A | 20 |
| P4519-20 | MYE4Q0 | N/A | 1.33 | 500 | Brown | Yellow | Medium | N/A | N/A | 21 |
| P4519-21 | MYE4Q1 | N/A | 1.20 | 500 | Brown | Yellow | Medium | N/A | N/A | 22 |
| PB164456BL | PBS456 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | N/A | 23 |
| PB164456BS | LCS456 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP82583 | 24 |
| PB164456BSD | LCSD456 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP82583 | 25 |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | TUNE | TUNE001 | TUNE | 11/02/24 17:07 | | Jaswal | OK |
| 2 | S00 | S0 | CAL1 | 11/02/24 17:41 | | Jaswal | OK |
| 3 | S02 | S02 | CAL3 | 11/02/24 17:48 | | Jaswal | OK |
| 4 | S03 | S03 | CAL4 | 11/02/24 17:51 | | Jaswal | OK |
| 5 | S04 | S04 | CAL5 | 11/02/24 17:54 | | Jaswal | OK |
| 6 | S05 | S05 | CAL6 | 11/02/24 17:57 | | Jaswal | OK |
| 7 | S06 | S06 | CAL7 | 11/02/24 18:00 | | Jaswal | OK |
| 8 | S07 | S07 | CAL8 | 11/02/24 18:02 | | Jaswal | OK |
| 9 | S08 | S08 | CAL9 | 11/02/24 18:05 | | Jaswal | OK |
| 10 | ICV001 | ICV001 | ICV | 11/02/24 18:09 | | Jaswal | OK |
| 11 | ICB001 | ICB001 | ICB | 11/02/24 18:12 | | Jaswal | OK |
| 12 | ICSA001 | ICSA001 | ICSA | 11/02/24 18:16 | | Jaswal | OK |
| 13 | ICSAB001 | ICSAB001 | ICSAB | 11/02/24 18:19 | | Jaswal | OK |
| 14 | CCV001 | CCV001 | CCV | 11/02/24 18:22 | | Jaswal | OK |
| 15 | CCB001 | CCB001 | CCB | 11/02/24 18:28 | | Jaswal | OK |
| 16 | PB164454BL | PBS454 | MB | 11/02/24 18:31 | | Jaswal | OK |
| 17 | PB164454BS | LCS454 | LCS | 11/02/24 18:34 | | Jaswal | OK |
| 18 | PB164454BSD | LCSD454 | LCSD | 11/02/24 18:38 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P4484-01 | MYE4H0 | SAM | 11/02/24 18:41 | | Jaswal | OK |
| 20 | P4484-02 | MYE4H1 | SAM | 11/02/24 18:44 | | Jaswal | OK |
| 21 | P4484-03 | MYE4H2 | SAM | 11/02/24 18:47 | Ba,Co,Ni,V High in MS RE | Jaswal | Dilution |
| 22 | P4484-04 | MYE4H2D | DUP | 11/02/24 18:50 | Ba,Co,Ni,V High in MS RE | Jaswal | Dilution |
| 23 | P4484-03L | MYE4H2L | SD | 11/02/24 18:53 | Ba,Co,Ni,V High in MS RE | Jaswal | Dilution |
| 24 | P4484-03DL | MYE4H2 | SAM | 11/02/24 19:02 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 25 | P4484-04DL | MYE4H2D | DUP | 11/02/24 19:06 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 26 | P4484-03LDL | MYE4H2L | SD | 11/02/24 19:09 | 20X For Ba,Co,Ni,V | Jaswal | Confirms |
| 27 | P4484-05 | MYE4H2S | MS | 11/02/24 19:15 | Ba,Co,Ni,V High in MS RE | Jaswal | Dilution |
| 28 | P4484-03MS | MYE4H2SRE | MS | 11/02/24 19:18 | MS Fail For As(412.39ppb) (IN Original) & Ni(373.54ppb),V(355.84ppb) in (4X Dilution),Ba,Co,Ni,V High | Jaswal | Dilution |
| 29 | P4484-05DL | MYE4H2S | MS | 11/02/24 19:21 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 30 | P4484-03MSDL | MYE4H2SRE | MS | 11/02/24 19:24 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 31 | P4484-06 | MYE4H3 | SAM | 11/02/24 19:27 | | Jaswal | OK |
| 32 | P4484-07 | MYE4H4 | SAM | 11/02/24 19:30 | | Jaswal | OK |
| 33 | P4484-08 | MYE4H5 | SAM | 11/02/24 19:34 | | Jaswal | OK |
| 34 | P4484-09 | MYE4H6 | SAM | 11/02/24 19:37 | | Jaswal | OK |
| 35 | P4484-10 | MYE4H8 | SAM | 11/02/24 19:40 | | Jaswal | OK |
| 36 | P4484-11 | MYE4H9 | SAM | 11/02/24 19:43 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | P4484-12 | MYE4J0 | SAM | 11/02/24 19:46 | | Jaswal | OK |
| 38 | P4484-13 | MYE4J1 | SAM | 11/02/24 19:49 | | Jaswal | OK |
| 39 | P4484-14 | MYE4J2 | SAM | 11/02/24 19:52 | | Jaswal | OK |
| 40 | P4484-15 | MYE4J3 | SAM | 11/02/24 19:55 | | Jaswal | OK |
| 41 | P4484-16 | MYE4J4 | SAM | 11/02/24 19:58 | | Jaswal | OK |
| 42 | CCV002 | CCV002 | CCV | 11/02/24 20:01 | | Jaswal | OK |
| 43 | CCB002 | CCB002 | CCB | 11/02/24 20:04 | | Jaswal | OK |
| 44 | P4484-17 | MYE4J5 | SAM | 11/02/24 20:07 | | Jaswal | OK |
| 45 | P4484-18 | MYE4J6 | SAM | 11/02/24 20:10 | | Jaswal | OK |
| 46 | P4484-19 | MYE4J7 | SAM | 11/02/24 20:13 | | Jaswal | OK |
| 47 | P4484-20 | MYE4J8 | SAM | 11/02/24 20:16 | | Jaswal | OK |
| 48 | P4484-21 | MYE4J9 | SAM | 11/02/24 20:20 | | Jaswal | OK |
| 49 | P4484-22 | MYE4L3 | SAM | 11/02/24 20:23 | | Jaswal | OK |
| 50 | P4520-01 | MYE4L4 | SAM | 11/02/24 20:36 | | Jaswal | OK |
| 51 | P4520-02 | MYE4L5 | SAM | 11/02/24 20:39 | | Jaswal | OK |
| 52 | PB164572BL | PBS572 | MB | 11/02/24 20:48 | | Jaswal | OK |
| 53 | PB164572BS | LCS572 | LCS | 11/02/24 20:52 | | Jaswal | OK |
| 54 | PB164572BSD | LCSD572 | LCSD | 11/02/24 20:55 | | Jaswal | OK |
| 55 | P4520-03 | MYE4L6 | SAM | 11/02/24 20:58 | | Jaswal | OK |
| 56 | P4520-04 | MYE4L7 | SAM | 11/02/24 21:01 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 57 | P4520-05 | MYE4L8 | SAM | 11/02/24 21:05 | | Jaswal | OK |
| 58 | P4520-06 | MYE4L9 | SAM | 11/02/24 21:08 | | Jaswal | OK |
| 59 | P4520-07 | MYE4M0 | SAM | 11/02/24 21:11 | | Jaswal | OK |
| 60 | P4520-08 | MYE4M1 | SAM | 11/02/24 21:14 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 61 | P4520-09 | MYE4M1D | DUP | 11/02/24 21:17 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 62 | P4520-08L | MYE4M1L | SD | 11/02/24 21:20 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 63 | P4520-10 | MYE4M1S | MS | 11/02/24 21:23 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 64 | P4520-08MS | MYE4M1SRE | MS | 11/02/24 21:26 | MS Fail For Pb(107.25ppb),Ba,Co,Ni,V High | Jaswal | Dilution |
| 65 | P4520-11 | MYE4M2 | SAM | 11/02/24 21:29 | | Jaswal | OK |
| 66 | P4520-12 | MYE4M4 | SAM | 11/02/24 21:32 | | Jaswal | OK |
| 67 | P4520-13 | MYE4M5 | SAM | 11/02/24 21:36 | | Jaswal | OK |
| 68 | P4520-14 | MYE4M6 | SAM | 11/02/24 21:39 | | Jaswal | OK |
| 69 | P4520-15 | MYE4M7 | SAM | 11/02/24 21:42 | | Jaswal | OK |
| 70 | CCV003 | CCV003 | CCV | 11/02/24 21:45 | | Jaswal | OK |
| 71 | CCB003 | CCB003 | CCB | 11/02/24 21:48 | | Jaswal | OK |
| 72 | P4520-16 | MYE4M8 | SAM | 11/02/24 21:51 | | Jaswal | OK |
| 73 | P4520-17 | MYE4M9 | SAM | 11/02/24 21:54 | | Jaswal | OK |
| 74 | P4520-18 | MYE4N0 | SAM | 11/02/24 21:57 | | Jaswal | OK |
| 75 | P4520-19 | MYE4N1 | SAM | 11/02/24 22:00 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 76 | P4520-20 | MYE4N2 | SAM | 11/02/24 22:03 | | Jaswal | OK |
| 77 | P4520-21 | MYE4N3 | SAM | 11/02/24 22:06 | | Jaswal | OK |
| 78 | P4520-22 | MYE4N4 | SAM | 11/02/24 22:10 | | Jaswal | OK |
| 79 | P4520-08DL | MYE4M1 | SAM | 11/02/24 22:13 | 4X For Ba,Co,NI,V | Jaswal | Confirms |
| 80 | P4520-09DL | MYE4M1D | DUP | 11/02/24 22:16 | 4X For Ba,Co,NI,V | Jaswal | Confirms |
| 81 | P4520-08LDL | MYE4M1L | SD | 11/02/24 22:19 | 20X For Ba,Co,NI,V | Jaswal | Confirms |
| 82 | P4520-10DL | MYE4M1S | MS | 11/02/24 22:22 | 4X For Ba,Co,NI,V | Jaswal | Confirms |
| 83 | P4520-08MSDL | MYE4M1SRE | MS | 11/02/24 22:25 | 4X For Ba,Co,NI,V | Jaswal | Confirms |
| 84 | PB164456BL | PBS456 | MB | 11/02/24 22:31 | | Jaswal | OK |
| 85 | PB164456BS | LCS456 | LCS | 11/02/24 22:35 | | Jaswal | OK |
| 86 | PB164456BSD | LCSD456 | LCSD | 11/02/24 22:38 | | Jaswal | OK |
| 87 | P4519-01 | MYE4K0 | SAM | 11/02/24 22:41 | | Jaswal | OK |
| 88 | P4519-02 | MYE4K1 | SAM | 11/02/24 22:44 | | Jaswal | OK |
| 89 | P4519-03 | MYE4K2 | SAM | 11/02/24 22:47 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 90 | P4519-04 | MYE4K2D | DUP | 11/02/24 22:51 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 91 | P4519-03L | MYE4K2L | SD | 11/02/24 22:54 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 92 | P4519-05 | MYE4K2S | MS | 11/02/24 22:57 | Ba,Co,Ni,V High in MSRE | Jaswal | Dilution |
| 93 | P4519-03MS | MYE4K2SRE | MS | 11/02/24 23:00 | Ba,Co,Ni,V High | Jaswal | Dilution |
| 94 | P4519-06 | MYE4K3 | SAM | 11/02/24 23:03 | | Jaswal | OK |
| 95 | P4519-07 | MYE4K4 | SAM | 11/02/24 23:06 | | Jaswal | OK |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 96 | P4519-08 | MYE4K5 | SAM | 11/02/24 23:09 | | Jaswal | OK |
| 97 | P4519-09 | MYE4K6 | SAM | 11/02/24 23:12 | | Jaswal | OK |
| 98 | CCV004 | CCV004 | CCV | 11/02/24 23:15 | | Jaswal | OK |
| 99 | CCB004 | CCB004 | CCB | 11/02/24 23:18 | | Jaswal | OK |
| 100 | P4519-10 | MYE4K7 | SAM | 11/02/24 23:21 | | Jaswal | OK |
| 101 | P4519-11 | MYE4K8 | SAM | 11/02/24 23:24 | | Jaswal | OK |
| 102 | P4519-12 | MYE4K9 | SAM | 11/02/24 23:28 | | Jaswal | OK |
| 103 | P4519-13 | MYE4L0 | SAM | 11/02/24 23:31 | | Jaswal | OK |
| 104 | P4519-14 | MYE4L1 | SAM | 11/02/24 23:34 | | Jaswal | OK |
| 105 | P4519-15 | MYE4L2 | SAM | 11/02/24 23:37 | | Jaswal | OK |
| 106 | P4519-16 | MYE4P6 | SAM | 11/02/24 23:40 | | Jaswal | OK |
| 107 | P4519-17 | MYE4P7 | SAM | 11/02/24 23:43 | | Jaswal | OK |
| 108 | P4519-18 | MYE4P8 | SAM | 11/02/24 23:46 | | Jaswal | OK |
| 109 | P4519-19 | MYE4P9 | SAM | 11/02/24 23:49 | | Jaswal | OK |
| 110 | P4519-20 | MYE4Q0 | SAM | 11/02/24 23:52 | | Jaswal | OK |
| 111 | P4519-21 | MYE4Q1 | SAM | 11/02/24 23:55 | | Jaswal | OK |
| 112 | P4519-03DL | MYE4K2 | SAM | 11/02/24 23:58 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 113 | P4519-04DL | MYE4K2D | DUP | 11/03/24 00:02 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 114 | P4519-03LDL | MYE4K2L | SD | 11/03/24 00:05 | 20X For Ba,Co,Ni,V | Jaswal | Confirms |
| 115 | P4519-05DL | MYE4K2S | MS | 11/03/24 00:08 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB133265

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 11/5/2024 7:12:34 PM |
| Supervise By | Mohan Bera | Supervise On | 11/7/2024 3:50:57 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016 |
| ICV Standard | MP83041 |
| CCV Standard | MP83042 |
| ICSA Standard | MP83043,MP83044 |
| CRI Standard | |
| LCS Standard | MP82583 |
| Chk Standard | MP83050,MP83049 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 116 | P4519-03MSDL | MYE4K2SRE | MS | 11/03/24 00:11 | 4X For Ba,Co,Ni,V | Jaswal | Confirms |
| 117 | PB164452BL | PBS452 | MB | 11/03/24 00:14 | NOT USE - | Jaswal | Not Ok |
| 118 | PB164452BS | LCS452 | LCS | 11/03/24 00:17 | NOT USE - | Jaswal | Not Ok |
| 119 | PB164452BSD | LCSD452 | LCSD | 11/03/24 00:21 | NOT USE - | Jaswal | Not Ok |
| 120 | P4525-01 | MYE4H7 | SAM | 11/03/24 00:24 | NOT USE - Ba,Co,Ni,V High in MSRE | Jaswal | Not Ok |
| 121 | P4525-02 | MYE4H7D | DUP | 11/03/24 00:27 | NOT USE -Ba,Co,Ni,V High in MSRE | Jaswal | Not Ok |
| 122 | P4525-01L | MYE4H7L | SD | 11/03/24 00:30 | NOT USE -Ba,Co,Ni,V High in MSRE | Jaswal | Not Ok |
| 123 | P4525-03 | MYE4H7S | MS | 11/03/24 00:33 | NOT USE -Ba,Co,Ni,V High in MSRE | Jaswal | Not Ok |
| 124 | P4525-01MS | MYE4H7SRE | MS | 11/03/24 00:36 | NOT USE -MS Fail For As(158.31ppb),Pb(114.30ppb),Ag(Below RL),Ba,Co,Ni,V High | Jaswal | Not Ok |
| 125 | P4526-01 | MYE4M3 | SAM | 11/03/24 00:39 | Not Use | Jaswal | Not Ok |
| 126 | P4526-02 | MYE4M3D | DUP | 11/03/24 00:42 | Not Use | Jaswal | Not Ok |
| 127 | CCV005 | CCV005 | CCV | 11/03/24 00:45 | | Jaswal | OK |
| 128 | CCB005 | CCB005 | CCB | 11/03/24 00:48 | | Jaswal | OK |