284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1488 **Order ID:** Q1488

**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : ENV-101-SB01** | | | | | | | | |
| Q1488-01 | ENV-101-SB01 | SOIL | Aluminum | 7300 | | 2.44 | 5.07 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Arsenic | 1.69 | | 0.29 | 1.01 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Barium | 34.6 | | 0.65 | 5.07 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Beryllium | 0.44 | | 0.012 | 0.30 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Calcium | 1010 | | 2.84 | 101 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Chromium | 10.7 | | 0.055 | 0.51 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Cobalt | 5.64 | | 0.059 | 1.52 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Copper | 11.3 | | 0.48 | 1.01 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Iron | 12700 | | 2.73 | 5.07 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Lead | 11.1 | | 0.15 | 0.61 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Magnesium | 1820 | | 3.48 | 101 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Manganese | 184 | | 0.072 | 1.01 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Nickel | 10.3 | | 0.091 | 2.03 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Potassium | 472 | | 29.1 | 101 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Sodium | 392 | | 36.6 | 101 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Vanadium | 19.6 | | 0.27 | 2.03 | mg/Kg |
| Q1488-01 | ENV-101-SB01 | SOIL | Zinc | 22.2 | | 0.11 | 2.03 | mg/Kg |
| **Client ID : ENV-101-SB02** | | | | | | | | |
| Q1488-03 | ENV-101-SB02 | SOIL | Aluminum | 3670 | | 2.47 | 5.13 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Arsenic | 1.35 | | 0.30 | 1.03 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Barium | 29.0 | | 0.66 | 5.13 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Beryllium | 0.31 | | 0.012 | 0.31 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Calcium | 800 | | 2.87 | 103 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Chromium | 8.63 | | 0.055 | 0.51 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Cobalt | 3.73 | | 0.060 | 1.54 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Copper | 12.8 | | 0.48 | 1.03 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Iron | 7970 | | 2.76 | 5.13 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Lead | 5.33 | | 0.15 | 0.62 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Magnesium | 827 | | 3.52 | 103 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Manganese | 60.0 | | 0.073 | 1.03 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Nickel | 5.94 | | 0.092 | 2.05 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Potassium | 331 | | 29.5 | 103 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Sodium | 49.7 | J | 37.1 | 103 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Vanadium | 9.71 | | 0.28 | 2.05 | mg/Kg |
| Q1488-03 | ENV-101-SB02 | SOIL | Zinc | 13.0 | | 0.11 | 2.05 | mg/Kg |
| **Client ID : ENV-102-SB01** | | | | | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1488 **Order ID:** Q1488

**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q1488-05 | ENV-102-SB01 | SOIL | Aluminum | 8700 | | 2.59 | 5.38 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Arsenic | 3.94 | | 0.31 | 1.08 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Barium | 77.8 | | 0.69 | 5.38 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Beryllium | 0.82 | | 0.013 | 0.32 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Cadmium | 0.12 | J | 0.017 | 0.32 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Calcium | 1410 | | 3.01 | 108 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Chromium | 15.2 | | 0.058 | 0.54 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Cobalt | 9.55 | | 0.062 | 1.61 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Copper | 207 | | 0.51 | 1.08 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Iron | 16000 | | 2.89 | 5.38 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Lead | 127 | | 0.16 | 0.65 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Magnesium | 3150 | | 3.69 | 108 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Manganese | 417 | | 0.076 | 1.08 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Mercury | 0.22 | | 0.0060 | 0.014 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Nickel | 18.6 | | 0.097 | 2.15 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Potassium | 1160 | | 30.9 | 108 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Silver | 0.13 | J | 0.056 | 0.54 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Sodium | 66.1 | J | 38.8 | 108 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Thallium | 0.51 | J | 0.47 | 2.15 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Vanadium | 18.8 | | 0.29 | 2.15 | mg/Kg |
| Q1488-05 | ENV-102-SB01 | SOIL | Zinc | 98.2 | | 0.12 | 2.15 | mg/Kg |
| **Client ID :** | **ENV-102-SB02** | | | | | | | |
| Q1488-07 | ENV-102-SB02 | SOIL | Aluminum | 5750 | | 2.74 | 5.67 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Arsenic | 2.40 | | 0.33 | 1.13 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Barium | 9.30 | | 0.73 | 5.67 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Beryllium | 0.36 | | 0.014 | 0.34 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Calcium | 494 | | 3.18 | 113 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Chromium | 9.06 | | 0.061 | 0.57 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Cobalt | 6.08 | | 0.066 | 1.70 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Copper | 10.8 | | 0.53 | 1.13 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Iron | 10600 | | 3.05 | 5.67 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Lead | 7.02 | | 0.17 | 0.68 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Magnesium | 1190 | | 3.89 | 113 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Manganese | 72.0 | | 0.081 | 1.13 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Mercury | 0.046 | | 0.0070 | 0.016 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Nickel | 7.79 | | 0.10 | 2.27 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Potassium | 390 | | 32.6 | 113 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Sodium | 163 | | 41.0 | 113 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Vanadium | 16.6 | | 0.31 | 2.27 | mg/Kg |
| Q1488-07 | ENV-102-SB02 | SOIL | Zinc | 28.3 | | 0.13 | 2.27 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1488 **Order ID:** Q1488

**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : ENV-104-SB01** | | | | | | | | |
| Q1488-09 | ENV-104-SB01 | SOIL | Aluminum | 5720 | | 2.36 | 4.90 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Antimony | 0.36 | J | 0.15 | 2.45 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Arsenic | 9.73 | | 0.28 | 0.98 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Barium | 46.1 | | 0.63 | 4.90 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Beryllium | 0.60 | | 0.012 | 0.29 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Cadmium | 0.26 | J | 0.016 | 0.29 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Calcium | 6270 | | 2.74 | 98.0 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Chromium | 16.4 | | 0.053 | 0.49 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Cobalt | 6.77 | | 0.057 | 1.47 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Copper | 951 | | 0.46 | 0.98 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Iron | 19200 | | 2.64 | 4.90 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Lead | 207 | | 0.15 | 0.59 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Magnesium | 1210 | | 3.36 | 98.0 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Manganese | 613 | | 0.070 | 0.98 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Mercury | 0.10 | | 0.0070 | 0.016 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Nickel | 16.9 | | 0.088 | 1.96 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Potassium | 571 | | 28.1 | 98.0 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Sodium | 183 | | 35.4 | 98.0 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Thallium | 0.80 | J | 0.43 | 1.96 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Vanadium | 21.3 | | 0.27 | 1.96 | mg/Kg |
| Q1488-09 | ENV-104-SB01 | SOIL | Zinc | 192 | | 0.11 | 1.96 | mg/Kg |
| **Client ID : ENV-104-SB02** | | | | | | | | |
| Q1488-11 | ENV-104-SB02 | SOIL | Aluminum | 4180 | | 2.62 | 5.43 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Arsenic | 1.95 | | 0.32 | 1.09 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Barium | 8.27 | | 0.70 | 5.43 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Beryllium | 0.29 | J | 0.013 | 0.33 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Calcium | 700 | | 3.04 | 109 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Chromium | 6.25 | | 0.059 | 0.54 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Cobalt | 2.36 | | 0.063 | 1.63 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Copper | 64.6 | | 0.51 | 1.09 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Iron | 11000 | | 2.92 | 5.43 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Lead | 11.7 | | 0.16 | 0.65 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Magnesium | 1240 | | 3.73 | 109 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Manganese | 60.4 | | 0.077 | 1.09 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Mercury | 0.0080 | J | 0.0070 | 0.016 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Nickel | 5.80 | | 0.098 | 2.17 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Potassium | 328 | | 31.2 | 109 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Sodium | 364 | | 39.2 | 109 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1488 **Order ID:** Q1488

**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q1488-11 | ENV-104-SB02 | SOIL | Thallium | 0.71 | J | 0.48 | 2.17 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Vanadium | 7.54 | | 0.29 | 2.17 | mg/Kg |
| Q1488-11 | ENV-104-SB02 | SOIL | Zinc | 35.5 | | 0.12 | 2.17 | mg/Kg |
| **Client ID :** | **ENV-102-GW01** | | | | | | | |
| Q1488-13 | ENV-102-GW01 | Water | Aluminum | 391000 | | 28.3 | 50.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Arsenic | 164 | | 3.48 | 10.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Barium | 1720 | | 6.28 | 50.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Beryllium | 29.7 | | 0.13 | 3.00 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Cadmium | 538 | | 0.094 | 3.00 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Calcium | 73000 | | 33.0 | 1000 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Chromium | 714 | | 0.66 | 5.00 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Cobalt | 1460 | | 0.50 | 15.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Copper | 5940 | | 7.07 | 10.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Iron | 381000 | | 18.5 | 50.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Lead | 10700 | | 3.51 | 6.00 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Magnesium | 110000 | | 39.4 | 1000 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Manganese | 14800 | | 1.46 | 10.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Mercury | 22.1 | D | 0.41 | 1.00 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Nickel | 2940 | | 0.85 | 20.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Potassium | 53000 | | 685 | 1000 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Sodium | 40500 | | 237 | 1000 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Vanadium | 571 | | 3.06 | 20.0 | ug/L |
| Q1488-13 | ENV-102-GW01 | Water | Zinc | 4470 | | 1.75 | 20.0 | ug/L |
| **Client ID :** | **ENV-104-GW01** | | | | | | | |
| Q1488-14 | ENV-104-GW01 | Water | Aluminum | 31000 | | 28.3 | 50.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Antimony | 4.27 | J | 2.06 | 25.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Arsenic | 57.5 | | 3.48 | 10.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Barium | 221 | | 6.28 | 50.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Beryllium | 2.09 | J | 0.13 | 3.00 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Cadmium | 1.29 | J | 0.094 | 3.00 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Calcium | 36000 | | 33.0 | 1000 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Chromium | 69.1 | | 0.66 | 5.00 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Cobalt | 28.0 | | 0.50 | 15.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Copper | 12100 | | 7.07 | 10.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Iron | 75000 | | 18.5 | 50.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Lead | 954 | | 3.51 | 6.00 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Magnesium | 9520 | | 39.4 | 1000 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Manganese | 3820 | | 1.46 | 10.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Mercury | 0.49 | | 0.081 | 0.20 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1488 **Order ID:** Q1488

**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q1488-14 | ENV-104-GW01 | Water | Nickel | 97.2 | | 0.85 | 20.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Potassium | 8280 | | 685 | 1000 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Silver | 3.81 | J | 0.58 | 5.00 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Sodium | 14000 | | 237 | 1000 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Thallium | 3.69 | J | 2.32 | 20.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Vanadium | 67.5 | | 3.06 | 20.0 | ug/L |
| Q1488-14 | ENV-104-GW01 | Water | Zinc | 1760 | | 1.75 | 20.0 | ug/L |

# SAMPLE DATA

Alliance TECHNICAL GROUP
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-101-SB01 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-01 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 88.5 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 7300 | | 1 | 2.44 | 5.07 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.15 | UN | 1 | 0.15 | 2.53 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 1.69 | | 1 | 0.29 | 1.01 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 34.6 | | 1 | 0.65 | 5.07 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.44 | | 1 | 0.012 | 0.30 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.016 | U | 1 | 0.016 | 0.30 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 1010 | | 1 | 2.84 | 101 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 10.7 | | 1 | 0.055 | 0.51 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 5.64 | | 1 | 0.059 | 1.52 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 11.3 | | 1 | 0.48 | 1.01 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 12700 | | 1 | 2.73 | 5.07 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 11.1 | | 1 | 0.15 | 0.61 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 1820 | | 1 | 3.48 | 101 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 184 | | 1 | 0.072 | 1.01 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.0070 | U | 1 | 0.0070 | 0.015 | mg/Kg | 03/05/25 16:00 | 03/06/25 11:56 | SW7471B | |
| 7440-02-0 | Nickel | 10.3 | | 1 | 0.091 | 2.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 472 | | 1 | 29.1 | 101 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.33 | U | 1 | 0.33 | 1.01 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.053 | U | 1 | 0.053 | 0.51 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 392 | N | 1 | 36.6 | 101 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.45 | U | 1 | 0.45 | 2.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 19.6 | | 1 | 0.27 | 2.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 22.2 | | 1 | 0.11 | 2.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:11 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-101-SB02 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-03 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 90.6 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3670 | | 1 | 2.47 | 5.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.15 | UN | 1 | 0.15 | 2.57 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 1.35 | | 1 | 0.30 | 1.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 29.0 | | 1 | 0.66 | 5.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.31 | | 1 | 0.012 | 0.31 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.016 | U | 1 | 0.016 | 0.31 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 800 | | 1 | 2.87 | 103 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 8.63 | | 1 | 0.055 | 0.51 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 3.73 | | 1 | 0.060 | 1.54 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 12.8 | | 1 | 0.48 | 1.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 7970 | | 1 | 2.76 | 5.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 5.33 | | 1 | 0.15 | 0.62 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 827 | | 1 | 3.52 | 103 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 60.0 | | 1 | 0.073 | 1.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.0060 | U | 1 | 0.0060 | 0.014 | mg/Kg | 03/05/25 16:00 | 03/06/25 11:58 | SW7471B | |
| 7440-02-0 | Nickel | 5.94 | | 1 | 0.092 | 2.05 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 331 | | 1 | 29.5 | 103 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.34 | U | 1 | 0.34 | 1.03 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.053 | U | 1 | 0.053 | 0.51 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 49.7 | JN | 1 | 37.1 | 103 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.45 | U | 1 | 0.45 | 2.05 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 9.71 | | 1 | 0.28 | 2.05 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 13.0 | | 1 | 0.11 | 2.05 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:15 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-102-SB01 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-05 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 85.7 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8700 | | 1 | 2.59 | 5.38 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.16 | UN | 1 | 0.16 | 2.69 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 3.94 | | 1 | 0.31 | 1.08 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 77.8 | | 1 | 0.69 | 5.38 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.82 | | 1 | 0.013 | 0.32 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.12 | J | 1 | 0.017 | 0.32 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 1410 | | 1 | 3.01 | 108 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 15.2 | | 1 | 0.058 | 0.54 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 9.55 | | 1 | 0.062 | 1.61 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 207 | | 1 | 0.51 | 1.08 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 16000 | | 1 | 2.89 | 5.38 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 127 | | 1 | 0.16 | 0.65 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 3150 | | 1 | 3.69 | 108 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 417 | | 1 | 0.076 | 1.08 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.22 | | 1 | 0.0060 | 0.014 | mg/Kg | 03/05/25 16:00 | 03/06/25 12:01 | SW7471B | |
| 7440-02-0 | Nickel | 18.6 | | 1 | 0.097 | 2.15 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 1160 | | 1 | 30.9 | 108 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.36 | U | 1 | 0.36 | 1.08 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.13 | J | 1 | 0.056 | 0.54 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 66.1 | JN | 1 | 38.8 | 108 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.51 | J | 1 | 0.47 | 2.15 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 18.8 | | 1 | 0.29 | 2.15 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 98.2 | | 1 | 0.12 | 2.15 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:19 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

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MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-102-SB02 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-07 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 80.1 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5750 | | 1 | 2.74 | 5.67 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.17 | UN | 1 | 0.17 | 2.84 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 2.40 | | 1 | 0.33 | 1.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 9.30 | | 1 | 0.73 | 5.67 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.36 | | 1 | 0.014 | 0.34 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.018 | U | 1 | 0.018 | 0.34 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 494 | | 1 | 3.18 | 113 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 9.06 | | 1 | 0.061 | 0.57 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 6.08 | | 1 | 0.066 | 1.70 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 10.8 | | 1 | 0.53 | 1.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 10600 | | 1 | 3.05 | 5.67 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 7.02 | | 1 | 0.17 | 0.68 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 1190 | | 1 | 3.89 | 113 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 72.0 | | 1 | 0.081 | 1.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.046 | | 1 | 0.0070 | 0.016 | mg/Kg | 03/05/25 16:00 | 03/06/25 12:03 | SW7471B | |
| 7440-02-0 | Nickel | 7.79 | | 1 | 0.10 | 2.27 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 390 | | 1 | 32.6 | 113 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.38 | U | 1 | 0.38 | 1.13 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.059 | U | 1 | 0.059 | 0.57 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 163 | N | 1 | 41.0 | 113 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.50 | U | 1 | 0.50 | 2.27 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 16.6 | | 1 | 0.31 | 2.27 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 28.3 | | 1 | 0.13 | 2.27 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:23 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-104-SB01 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-09 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 82.6 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5720 | | 1 | 2.36 | 4.90 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.36 | JN | 1 | 0.15 | 2.45 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 9.73 | | 1 | 0.28 | 0.98 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 46.1 | | 1 | 0.63 | 4.90 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.60 | | 1 | 0.012 | 0.29 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.26 | J | 1 | 0.016 | 0.29 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 6270 | | 1 | 2.74 | 98.0 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 16.4 | | 1 | 0.053 | 0.49 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 6.77 | | 1 | 0.057 | 1.47 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 951 | | 1 | 0.46 | 0.98 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 19200 | | 1 | 2.64 | 4.90 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 207 | | 1 | 0.15 | 0.59 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 1210 | | 1 | 3.36 | 98.0 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 613 | | 1 | 0.070 | 0.98 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.10 | | 1 | 0.0070 | 0.016 | mg/Kg | 03/05/25 16:00 | 03/06/25 12:05 | SW7471B | |
| 7440-02-0 | Nickel | 16.9 | | 1 | 0.088 | 1.96 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 571 | | 1 | 28.1 | 98.0 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.32 | U | 1 | 0.32 | 0.98 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.051 | U | 1 | 0.051 | 0.49 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 183 | N | 1 | 35.4 | 98.0 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.80 | J | 1 | 0.43 | 1.96 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 21.3 | | 1 | 0.27 | 1.96 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 192 | | 1 | 0.11 | 1.96 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:27 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-104-SB02 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-11 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 81.1 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4180 | | 1 | 2.62 | 5.43 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-36-0 | Antimony | 0.16 | UN | 1 | 0.16 | 2.72 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-38-2 | Arsenic | 1.95 | | 1 | 0.32 | 1.09 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-39-3 | Barium | 8.27 | | 1 | 0.70 | 5.43 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-41-7 | Beryllium | 0.29 | J | 1 | 0.013 | 0.33 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-43-9 | Cadmium | 0.017 | U | 1 | 0.017 | 0.33 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-70-2 | Calcium | 700 | | 1 | 3.04 | 109 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-47-3 | Chromium | 6.25 | | 1 | 0.059 | 0.54 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-48-4 | Cobalt | 2.36 | | 1 | 0.063 | 1.63 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-50-8 | Copper | 64.6 | | 1 | 0.51 | 1.09 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7439-89-6 | Iron | 11000 | | 1 | 2.92 | 5.43 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7439-92-1 | Lead | 11.7 | | 1 | 0.16 | 0.65 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7439-95-4 | Magnesium | 1240 | | 1 | 3.73 | 109 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7439-96-5 | Manganese | 60.4 | | 1 | 0.077 | 1.09 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7439-97-6 | Mercury | 0.0080 | J | 1 | 0.0070 | 0.016 | mg/Kg | 03/05/25 16:00 | 03/06/25 12:12 | SW7471B | |
| 7440-02-0 | Nickel | 5.80 | | 1 | 0.098 | 2.17 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-09-7 | Potassium | 328 | | 1 | 31.2 | 109 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7782-49-2 | Selenium | 0.36 | U | 1 | 0.36 | 1.09 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-22-4 | Silver | 0.056 | U | 1 | 0.056 | 0.54 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-23-5 | Sodium | 364 | N | 1 | 39.2 | 109 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-28-0 | Thallium | 0.71 | J | 1 | 0.48 | 2.17 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-62-2 | Vanadium | 7.54 | | 1 | 0.29 | 2.17 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |
| 7440-66-6 | Zinc | 35.5 | | 1 | 0.12 | 2.17 | mg/Kg | 03/05/25 10:05 | 03/13/25 14:31 | SW6010 | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Black | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-102-GW01 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-13 | Matrix: | Water |
| Level (low/med): | low | % Solid: | 0 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 391000 | | 1 | 28.3 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-36-0 | Antimony | 2.06 | U | 1 | 2.06 | 25.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-38-2 | Arsenic | 164 | | 1 | 3.48 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-39-3 | Barium | 1720 | | 1 | 6.28 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-41-7 | Beryllium | 29.7 | | 1 | 0.13 | 3.00 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-43-9 | Cadmium | 538 | | 1 | 0.094 | 3.00 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-70-2 | Calcium | 73000 | | 1 | 33.0 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-47-3 | Chromium | 714 | | 1 | 0.66 | 5.00 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-48-4 | Cobalt | 1460 | | 1 | 0.50 | 15.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-50-8 | Copper | 5940 | | 1 | 7.07 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7439-89-6 | Iron | 381000 | | 1 | 18.5 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7439-92-1 | Lead | 10700 | | 1 | 3.51 | 6.00 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7439-95-4 | Magnesium | 110000 | | 1 | 39.4 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7439-96-5 | Manganese | 14800 | | 1 | 1.46 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7439-97-6 | Mercury | 22.1 | D | 5 | 0.41 | 1.00 | ug/L | 03/05/25 09:50 | 03/05/25 12:46 | SW7470A | |
| 7440-02-0 | Nickel | 2940 | | 1 | 0.85 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-09-7 | Potassium | 53000 | | 1 | 685 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7782-49-2 | Selenium | 5.88 | U | 1 | 5.88 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-22-4 | Silver | 5.80 | UDN | 10 | 5.80 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:04 | SW6010 | SW3010 |
| 7440-23-5 | Sodium | 40500 | | 1 | 237 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-28-0 | Thallium | 2.32 | U | 1 | 2.32 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-62-2 | Vanadium | 571 | | 1 | 3.06 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |
| 7440-66-6 | Zinc | 4470 | | 1 | 1.75 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 18:39 | SW6010 | SW3010 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | Cloudy | Texture: | |
| Color After: | Brown | Clarity After: | Cloudy | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 03/04/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 03/04/25 |
| Client Sample ID: | ENV-104-GW01 | SDG No.: | Q1488 |
| Lab Sample ID: | Q1488-14 | Matrix: | Water |
| Level (low/med): | low | % Solid: | 0 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 31000 | | 1 | 28.3 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-36-0 | Antimony | 4.27 | J | 1 | 2.06 | 25.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-38-2 | Arsenic | 57.5 | | 1 | 3.48 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-39-3 | Barium | 221 | | 1 | 6.28 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-41-7 | Beryllium | 2.09 | J | 1 | 0.13 | 3.00 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-43-9 | Cadmium | 1.29 | J | 1 | 0.094 | 3.00 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-70-2 | Calcium | 36000 | | 1 | 33.0 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-47-3 | Chromium | 69.1 | | 1 | 0.66 | 5.00 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-48-4 | Cobalt | 28.0 | | 1 | 0.50 | 15.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-50-8 | Copper | 12100 | | 1 | 7.07 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7439-89-6 | Iron | 75000 | | 1 | 18.5 | 50.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7439-92-1 | Lead | 954 | | 1 | 3.51 | 6.00 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7439-95-4 | Magnesium | 9520 | | 1 | 39.4 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7439-96-5 | Manganese | 3820 | | 1 | 1.46 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7439-97-6 | Mercury | 0.49 | | 1 | 0.081 | 0.20 | ug/L | 03/05/25 09:50 | 03/05/25 12:28 | SW7470A | |
| 7440-02-0 | Nickel | 97.2 | | 1 | 0.85 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-09-7 | Potassium | 8280 | | 1 | 685 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7782-49-2 | Selenium | 5.88 | U | 1 | 5.88 | 10.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-22-4 | Silver | 3.81 | JN | 1 | 0.58 | 5.00 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-23-5 | Sodium | 14000 | | 1 | 237 | 1000 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-28-0 | Thallium | 3.69 | J | 1 | 2.32 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-62-2 | Vanadium | 67.5 | | 1 | 3.06 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |
| 7440-66-6 | Zinc | 1760 | | 1 | 1.75 | 20.0 | ug/L | 03/06/25 08:50 | 03/13/25 14:07 | SW6010 | SW3010 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | Cloudy | Texture: | |
| Color After: | Brown | Clarity After: | Cloudy | Artifacts: | |
| Comments: | METALS-TAL | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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* = indicates the duplicate analysis is not within control limits.
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OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB31** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/05/2025 | 11:57 | LB134901 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB62** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/05/2025 | 12:02 | LB134901 |
| **CCB63** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/05/2025 | 12:35 | LB134901 |
| **CCB64** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/05/2025 | 12:51 | LB134901 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB33** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/06/2025 | 11:33 | LB134917 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB69** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/06/2025 | 11:40 | LB134917 |
| **CCB70** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/06/2025 | 12:10 | LB134917 |
| **CCB71** | Mercury | 0.20 | +/-0.20 | U | 0.20 | CV | 03/06/2025 | 12:40 | LB134917 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 11:43 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 11:43 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 11:43 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 11:43 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 11:43 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 11:43 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 11:43 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 11:43 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 11:43 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 11:43 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 11:43 | LB134928 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 12:23 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 12:23 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 12:23 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 12:23 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 12:23 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 12:23 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 12:23 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 12:23 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 12:23 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 12:23 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 12:23 | LB134928 |
| CCB02 | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 13:14 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 13:14 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 13:14 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 13:14 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 13:14 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 13:14 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 13:14 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 13:14 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 13:14 | LB134928 |

Alliance TECHNICAL GROUP
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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 13:14 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 13:14 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 13:14 | LB134928 |
| **CCB03** | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:05 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:05 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 14:05 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 14:05 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:05 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:05 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:05 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:05 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:05 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:05 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:05 | LB134928 |
| **CCB04** | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:54 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:54 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 14:54 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 14:54 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:54 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 14:54 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 14:54 | LB134928 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB04 | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:54 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:54 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 14:54 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:54 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 14:54 | LB134928 |
| CCB05 | Aluminum | 100 | +/-100 | U | 100 | P | 03/06/2025 | 15:57 | LB134928 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/06/2025 | 15:57 | LB134928 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 15:57 | LB134928 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/06/2025 | 15:57 | LB134928 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 15:57 | LB134928 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/06/2025 | 15:57 | LB134928 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 15:57 | LB134928 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 15:57 | LB134928 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/06/2025 | 15:57 | LB134928 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 15:57 | LB134928 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/06/2025 | 15:57 | LB134928 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 10:58 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 10:58 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 10:58 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 10:58 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 10:58 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 10:58 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 10:58 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 10:58 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 10:58 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 10:58 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 10:58 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 11:34 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 11:34 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 11:34 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 11:34 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 11:34 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 11:34 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 11:34 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 11:34 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 11:34 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 11:34 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 11:34 | LB134987 |
| CCB02 | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 12:23 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 12:23 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 12:23 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 12:23 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 12:23 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 12:23 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 12:23 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 12:23 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 12:23 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 12:23 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 12:23 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 12:23 | LB134987 |
| **CCB03** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 13:14 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 13:14 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 13:14 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 13:14 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 13:14 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 13:14 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 13:14 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 13:14 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 13:14 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 13:14 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 13:14 | LB134987 |
| **CCB04** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 14:13 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 14:13 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 14:13 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 14:13 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 14:13 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 14:13 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 14:13 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 14:13 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 14:13 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 14:13 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 14:13 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 14:13 | LB134987 |
| **CCB05** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:04 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:04 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 15:04 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 15:04 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:04 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:04 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:04 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:04 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:04 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:04 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:04 | LB134987 |
| **CCB06** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:54 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:54 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 15:54 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 15:54 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:54 | LB134987 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB06** | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 15:54 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:54 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:54 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 15:54 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:54 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 15:54 | LB134987 |
| **CCB07** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 16:46 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 16:46 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 16:46 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 16:46 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 16:46 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 16:46 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 16:46 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 16:46 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 16:46 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 16:46 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 16:46 | LB134987 |
| **CCB08** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 17:38 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 17:38 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB08** | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 17:38 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 17:38 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 17:38 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 17:38 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 17:38 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 17:38 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 17:38 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 17:38 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 17:38 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 17:38 | LB134987 |
| **CCB09** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 18:30 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 18:30 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 18:30 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 18:30 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 18:30 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 18:30 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 18:30 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 18:30 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 18:30 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB09** | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 18:30 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 18:30 | LB134987 |
| **CCB10** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:18 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:18 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:18 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:18 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:18 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:18 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:18 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:18 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:18 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:18 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:18 | LB134987 |
| **CCB11** | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:31 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:31 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:31 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:31 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:31 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:31 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:31 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:31 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB11 | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:31 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:31 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:31 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:31 | LB134987 |
| CCB12 | Aluminum | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:49 | LB134987 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:49 | LB134987 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:49 | LB134987 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/11/2025 | 19:49 | LB134987 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:49 | LB134987 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/11/2025 | 19:49 | LB134987 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:49 | LB134987 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:49 | LB134987 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/11/2025 | 19:49 | LB134987 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:49 | LB134987 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/11/2025 | 19:49 | LB134987 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:01 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:01 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 11:01 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 11:01 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:01 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:01 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:01 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:01 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:01 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:01 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:01 | LB135011 |

Alliance TECHNICAL GROUP
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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:34 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:34 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 11:34 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 11:34 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:34 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 11:34 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:34 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:34 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 11:34 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:34 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 11:34 | LB135011 |
| CCB02 | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 12:24 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 12:24 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 12:24 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 12:24 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 12:24 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 12:24 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 12:24 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 12:24 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 12:24 | LB135011 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 12:24 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 12:24 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 12:24 | LB135011 |
| **CCB03** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 13:14 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 13:14 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 13:14 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 13:14 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 13:14 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 13:14 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 13:14 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 13:14 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 13:14 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 13:14 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 13:14 | LB135011 |
| **CCB04** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 14:28 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 14:28 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 14:28 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 14:28 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 14:28 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 14:28 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 14:28 | LB135011 |

Alliance TECHNICAL GROUP
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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 14:28 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 14:28 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 14:28 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 14:28 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 14:28 | LB135011 |
| **CCB05** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 15:29 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 15:29 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 15:29 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 15:29 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 15:29 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 15:29 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 15:29 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 15:29 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 15:29 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 15:29 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 15:29 | LB135011 |
| **CCB06** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 16:30 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 16:30 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 16:30 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 16:30 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 16:30 | LB135011 |

Alliance TECHNICAL GROUP
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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB06** | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 16:30 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 16:30 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 16:30 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 16:30 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 16:30 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 16:30 | LB135011 |
| **CCB07** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 17:30 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 17:30 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 17:30 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 17:30 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 17:30 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 17:30 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 17:30 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 17:30 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 17:30 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 17:30 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 17:30 | LB135011 |
| **CCB08** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:27 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 18:27 | LB135011 |

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Fax : 908 789 8922

# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB08** | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:27 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 18:27 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 18:27 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:27 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:27 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:27 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:27 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:27 | LB135011 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:27 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:27 | LB135011 |
| **CCB09** | Aluminum | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:53 | LB135011 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:53 | LB135011 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 18:53 | LB135011 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/12/2025 | 18:53 | LB135011 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:53 | LB135011 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/12/2025 | 18:53 | LB135011 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:53 | LB135011 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:53 | LB135011 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/12/2025 | 18:53 | LB135011 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB09 | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:53 | LB135011 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/12/2025 | 18:53 | LB135011 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:17 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:17 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 12:17 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 12:17 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:17 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:17 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:17 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:17 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:17 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:17 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:17 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB01 | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:58 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:58 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 12:58 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 12:58 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:58 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 12:58 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:58 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:58 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 12:58 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:58 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 12:58 | LB135035 |
| CCB02 | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 13:54 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 13:54 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 13:54 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 13:54 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 13:54 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 13:54 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 13:54 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 13:54 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 13:54 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 13:54 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 13:54 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 13:54 | LB135035 |
| **CCB03** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 14:48 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 14:48 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 14:48 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 14:48 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 14:48 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 14:48 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 14:48 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 14:48 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 14:48 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 14:48 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 14:48 | LB135035 |
| **CCB04** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 15:42 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 15:42 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 15:42 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 15:42 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 15:42 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 15:42 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 15:42 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 15:42 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 15:42 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 15:42 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 15:42 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 15:42 | LB135035 |
| **CCB05** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 16:32 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 16:32 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 16:32 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 16:32 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 16:32 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 16:32 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 16:32 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 16:32 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 16:32 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 16:32 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 16:32 | LB135035 |
| **CCB06** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 17:25 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 17:25 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 17:25 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 17:25 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 17:25 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB06** | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 17:25 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 17:25 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 17:25 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 17:25 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 17:25 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 17:25 | LB135035 |
| **CCB07** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 18:35 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 18:35 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 18:35 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 18:35 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 18:35 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Iron | 45.6 | +/-100 | J | 100 | P | 03/13/2025 | 18:35 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 18:35 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 18:35 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 18:35 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 18:35 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 18:35 | LB135035 |
| **CCB08** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:03 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 19:03 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB08** | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:03 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 19:03 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 19:03 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:03 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:03 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:03 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:03 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:03 | LB135035 |
| | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:03 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:03 | LB135035 |
| **CCB09** | Aluminum | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:21 | LB135035 |
| | Antimony | 50.0 | +/-50.0 | U | 50.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Arsenic | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Barium | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:21 | LB135035 |
| | Beryllium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 19:21 | LB135035 |
| | Cadmium | 6.00 | +/-6.00 | U | 6.00 | P | 03/13/2025 | 19:21 | LB135035 |
| | Calcium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:21 | LB135035 |
| | Chromium | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Cobalt | 30.0 | +/-30.0 | U | 30.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Copper | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Iron | 100 | +/-100 | U | 100 | P | 03/13/2025 | 19:21 | LB135035 |
| | Lead | 12.0 | +/-12.0 | U | 12.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Magnesium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:21 | LB135035 |
| | Manganese | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Nickel | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Potassium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:21 | LB135035 |
| | Selenium | 20.0 | +/-20.0 | U | 20.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Silver | 10.0 | +/-10.0 | U | 10.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Sodium | 2000 | +/-2000 | U | 2000 | P | 03/13/2025 | 19:21 | LB135035 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB09 | Thallium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Vanadium | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:21 | LB135035 |
| | Zinc | 40.0 | +/-40.0 | U | 40.0 | P | 03/13/2025 | 19:21 | LB135035 |

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# Metals
## - 3b -
## PREPARATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Instrument:** CV1

| Sample ID | Analyte | Result (ug/L) | Acceptance Limit | Conc Qual | CRQL ug/L | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB166987BL** | | **WATER** | | **Batch Number:** | **PB166987** | | **Prep Date:** | **03/05/2025** | |
| | Mercury | 0.20 | <0.20 | U | 0.20 | CV | 03/05/2025 | 12:16 | LB134901 |

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB167021BL** | | **SOLID** | | **Batch Number:** | **PB167021** | | **Prep Date:** | **03/05/2025** | |
| | Mercury | 0.013 | <0.013 | U | 0.013 | CV | 03/06/2025 | 11:52 | LB134917 |

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# Metals
## - 3b -
## PREPARATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Instrument:** P4

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB166977BL** | | **SOLID** | | **Batch Number:** | **PB166977** | | **Prep Date:** | **03/05/2025** | |
| | Aluminum | 4.90 | <4.90 | U | 4.90 | P | 03/12/2025 | 12:28 | LB135011 |
| | Antimony | 2.45 | <2.45 | U | 2.45 | P | 03/12/2025 | 12:28 | LB135011 |
| | Arsenic | 0.98 | <0.98 | U | 0.98 | P | 03/12/2025 | 12:28 | LB135011 |
| | Barium | 4.90 | <4.90 | U | 4.90 | P | 03/12/2025 | 12:28 | LB135011 |
| | Beryllium | 0.29 | <0.29 | U | 0.29 | P | 03/12/2025 | 12:28 | LB135011 |
| | Cadmium | 0.29 | <0.29 | U | 0.29 | P | 03/12/2025 | 12:28 | LB135011 |
| | Calcium | 98.0 | <98.0 | U | 98.0 | P | 03/12/2025 | 12:28 | LB135011 |
| | Chromium | 0.49 | <0.49 | U | 0.49 | P | 03/12/2025 | 12:28 | LB135011 |
| | Cobalt | 1.47 | <1.47 | U | 1.47 | P | 03/12/2025 | 12:28 | LB135011 |
| | Copper | 0.98 | <0.98 | U | 0.98 | P | 03/12/2025 | 12:28 | LB135011 |
| | Iron | 4.90 | <4.90 | U | 4.90 | P | 03/12/2025 | 12:28 | LB135011 |
| | Lead | 0.59 | <0.59 | U | 0.59 | P | 03/12/2025 | 12:28 | LB135011 |
| | Magnesium | 98.0 | <98.0 | U | 98.0 | P | 03/12/2025 | 12:28 | LB135011 |
| | Manganese | 0.98 | <0.98 | U | 0.98 | P | 03/12/2025 | 12:28 | LB135011 |
| | Nickel | 1.96 | <1.96 | U | 1.96 | P | 03/12/2025 | 12:28 | LB135011 |
| | Potassium | 98.0 | <98.0 | U | 98.0 | P | 03/12/2025 | 12:28 | LB135011 |
| | Selenium | 0.98 | <0.98 | U | 0.98 | P | 03/12/2025 | 12:28 | LB135011 |
| | Silver | 0.49 | <0.49 | U | 0.49 | P | 03/12/2025 | 12:28 | LB135011 |
| | Sodium | 98.0 | <98.0 | U | 98.0 | P | 03/12/2025 | 12:28 | LB135011 |
| | Thallium | 1.96 | <1.96 | U | 1.96 | P | 03/12/2025 | 12:28 | LB135011 |
| | Vanadium | 1.96 | <1.96 | U | 1.96 | P | 03/12/2025 | 12:28 | LB135011 |
| | Zinc | 1.96 | <1.96 | U | 1.96 | P | 03/12/2025 | 12:28 | LB135011 |

| Sample ID | Analyte | Result (ug/L) | Acceptance Limit | Conc Qual | CRQL ug/L | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB167002BL** | | **WATER** | | **Batch Number:** | **PB167002** | | **Prep Date:** | **03/06/2025** | |
| | Aluminum | 50.0 | <50.0 | U | 50.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Antimony | 25.0 | <25.0 | U | 25.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Arsenic | 10.0 | <10.0 | U | 10.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Barium | 50.0 | <50.0 | U | 50.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Beryllium | 3.00 | <3.00 | U | 3.00 | P | 03/11/2025 | 13:55 | LB134987 |
| | Cadmium | 3.00 | <3.00 | U | 3.00 | P | 03/11/2025 | 13:55 | LB134987 |
| | Calcium | 1000 | <1000 | U | 1000 | P | 03/11/2025 | 13:55 | LB134987 |
| | Chromium | 5.00 | <5.00 | U | 5.00 | P | 03/11/2025 | 13:55 | LB134987 |
| | Cobalt | 15.0 | <15.0 | U | 15.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Copper | 10.0 | <10.0 | U | 10.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Iron | 50.0 | <50.0 | U | 50.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Lead | 6.00 | <6.00 | U | 6.00 | P | 03/11/2025 | 13:55 | LB134987 |
| | Magnesium | 1000 | <1000 | U | 1000 | P | 03/11/2025 | 13:55 | LB134987 |
| | Manganese | 10.0 | <10.0 | U | 10.0 | P | 03/11/2025 | 13:55 | LB134987 |
| | Nickel | 20.0 | <20.0 | U | 20.0 | P | 03/11/2025 | 13:55 | LB134987 |

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# Metals
## - 3b -
## PREPARATION BLANK SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Instrument:** P4

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Potassium | 1000 | <1000 | U | 1000 | P | 03/11/2025 | 13:55 | LB134987 |
| Selenium | 10.0 | <10.0 | U | 10.0 | P | 03/11/2025 | 13:55 | LB134987 |
| Silver | 5.00 | <5.00 | U | 5.00 | P | 03/11/2025 | 13:55 | LB134987 |
| Sodium | 1000 | <1000 | U | 1000 | P | 03/11/2025 | 13:55 | LB134987 |
| Thallium | 20.0 | <20.0 | U | 20.0 | P | 03/11/2025 | 13:55 | LB134987 |
| Vanadium | 20.0 | <20.0 | U | 20.0 | P | 03/11/2025 | 13:55 | LB134987 |
| Zinc | 20.0 | <20.0 | U | 20.0 | P | 03/11/2025 | 13:55 | LB134987 |

# METAL CALIBRATION DATA

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV31 | Mercury | 3.72 | 4.0 | 93 | 90 - 110 | CV | 03/05/2025 | 11:55 | LB134901 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV62 | Mercury | 4.88 | 5.0 | 98 | 90 - 110 | CV | 03/05/2025 | 12:00 | LB134901 |
| CCV63 | Mercury | 4.73 | 5.0 | 94 | 90 - 110 | CV | 03/05/2025 | 12:32 | LB134901 |
| CCV64 | Mercury | 4.61 | 5.0 | 92 | 90 - 110 | CV | 03/05/2025 | 12:48 | LB134901 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV33 | Mercury | 4.17 | 4.0 | 104 | 90 - 110 | CV | 03/06/2025 | 11:27 | LB134917 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV69 | Mercury | 5.04 | 5.0 | 101 | 90 - 110 | CV | 03/06/2025 | 11:35 | LB134917 |
| CCV70 | Mercury | 4.92 | 5.0 | 98 | 90 - 110 | CV | 03/06/2025 | 12:08 | LB134917 |
| CCV71 | Mercury | 4.99 | 5.0 | 100 | 90 - 110 | CV | 03/06/2025 | 12:35 | LB134917 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 2540 | 2500 | 102 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Antimony | 1020 | 1000 | 102 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Arsenic | 1050 | 1000 | 105 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Barium | 527 | 520 | 101 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Beryllium | 532 | 510 | 104 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Cadmium | 503 | 510 | 99 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Calcium | 9830 | 10000 | 98 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Chromium | 529 | 520 | 102 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Cobalt | 509 | 520 | 98 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Copper | 531 | 510 | 104 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Iron | 10100 | 10000 | 101 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Lead | 1010 | 1000 | 100 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Magnesium | 5810 | 6000 | 97 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Manganese | 503 | 520 | 97 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Nickel | 512 | 530 | 97 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Potassium | 9840 | 9900 | 99 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Selenium | 1050 | 1000 | 105 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Silver | 258 | 250 | 103 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Sodium | 9530 | 10000 | 95 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Thallium | 1040 | 1000 | 104 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Vanadium | 514 | 500 | 103 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |
| | Zinc | 1040 | 1000 | 104 | 90 - 110 | P | 03/06/2025 | 10:50 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 103 | 100 | 103 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Antimony | 52.8 | 50.0 | 106 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Arsenic | 19.2 | 20.0 | 96 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Barium | 94.2 | 100 | 94 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Beryllium | 6.02 | 6.0 | 100 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Cadmium | 5.70 | 6.0 | 95 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Calcium | 1990 | 2000 | 100 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Chromium | 10.4 | 10.0 | 104 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Cobalt | 29.0 | 30.0 | 97 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Copper | 22.8 | 20.0 | 114 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Iron | 102 | 100 | 102 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Lead | 11.9 | 12.0 | 99 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Magnesium | 2120 | 2000 | 106 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Manganese | 20.3 | 20.0 | 102 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Nickel | 39.1 | 40.0 | 98 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Potassium | 2010 | 2000 | 100 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Selenium | 20.3 | 20.0 | 101 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Silver | 10.1 | 10.0 | 101 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Sodium | 1900 | 2000 | 95 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Thallium | 41.0 | 40.0 | 102 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Vanadium | 40.2 | 40.0 | 101 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |
| | Zinc | 43.1 | 40.0 | 108 | 80 - 120 | P | 03/06/2025 | 11:38 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 10300 | 10000 | 103 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Antimony | 5210 | 5000 | 104 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Arsenic | 5170 | 5000 | 103 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Barium | 9900 | 10000 | 99 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Beryllium | 258 | 250 | 103 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Cadmium | 2500 | 2500 | 100 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Calcium | 24800 | 25000 | 99 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Chromium | 1020 | 1000 | 102 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Cobalt | 2500 | 2500 | 100 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Copper | 1290 | 1250 | 103 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Iron | 5030 | 5000 | 101 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Lead | 5010 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Magnesium | 24800 | 25000 | 99 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Manganese | 2480 | 2500 | 99 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Nickel | 2500 | 2500 | 100 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Selenium | 5210 | 5000 | 104 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Silver | 1280 | 1250 | 102 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Sodium | 24900 | 25000 | 99 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Thallium | 5180 | 5000 | 104 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Vanadium | 2520 | 2500 | 101 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| | Zinc | 2580 | 2500 | 103 | 90 - 110 | P | 03/06/2025 | 12:19 | LB134928 |
| CCV02 | Aluminum | 9860 | 10000 | 99 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Antimony | 5080 | 5000 | 102 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Arsenic | 5010 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Barium | 10100 | 10000 | 101 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Beryllium | 244 | 250 | 98 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Cadmium | 2420 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Calcium | 24200 | 25000 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Chromium | 985 | 1000 | 98 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Cobalt | 2420 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Iron | 5000 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Lead | 4830 | 5000 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 23800 | 25000 | 95 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Nickel | 2410 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Selenium | 5030 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Silver | 1240 | 1250 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Sodium | 25300 | 25000 | 101 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Thallium | 5000 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Vanadium | 2440 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| | Zinc | 2500 | 2500 | 100 | 90 - 110 | P | 03/06/2025 | 13:10 | LB134928 |
| CCV03 | Aluminum | 9900 | 10000 | 99 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Antimony | 5120 | 5000 | 102 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Arsenic | 5050 | 5000 | 101 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Barium | 9680 | 10000 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Beryllium | 245 | 250 | 98 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Cadmium | 2430 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Calcium | 24000 | 25000 | 96 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Chromium | 993 | 1000 | 99 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Cobalt | 2430 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Copper | 1270 | 1250 | 101 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Iron | 4890 | 5000 | 98 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Lead | 4830 | 5000 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Magnesium | 23800 | 25000 | 95 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Manganese | 2380 | 2500 | 95 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Nickel | 2420 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Selenium | 5040 | 5000 | 101 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Sodium | 24300 | 25000 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Thallium | 4850 | 5000 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Vanadium | 2420 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| | Zinc | 2470 | 2500 | 99 | 90 - 110 | P | 03/06/2025 | 14:00 | LB134928 |
| CCV04 | Aluminum | 10000 | 10000 | 100 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Antimony | 5010 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 4960 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Barium | 9740 | 10000 | 97 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Beryllium | 257 | 250 | 103 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Cadmium | 2460 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Calcium | 24600 | 25000 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Chromium | 1010 | 1000 | 101 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Cobalt | 2450 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Iron | 4880 | 5000 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Lead | 4910 | 5000 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Magnesium | 24700 | 25000 | 99 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Manganese | 2450 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Potassium | 24000 | 25000 | 96 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Selenium | 4970 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Sodium | 23700 | 25000 | 95 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Thallium | 4950 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Vanadium | 2470 | 2500 | 99 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| | Zinc | 2500 | 2500 | 100 | 90 - 110 | P | 03/06/2025 | 14:50 | LB134928 |
| CCV05 | Aluminum | 9830 | 10000 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Antimony | 4990 | 5000 | 100 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Arsenic | 4960 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Barium | 9790 | 10000 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Beryllium | 257 | 250 | 103 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Calcium | 24600 | 25000 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Chromium | 1010 | 1000 | 101 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Iron | 4880 | 5000 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Lead | 4940 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Magnesium | 24900 | 25000 | 100 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Manganese | 2460 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2460 | 2500 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Potassium | 23700 | 25000 | 95 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Selenium | 4960 | 5000 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Silver | 1240 | 1250 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Sodium | 23300 | 25000 | 93 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Thallium | 4930 | 5000 | 98 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Vanadium | 2480 | 2500 | 99 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |
| | Zinc | 2430 | 2500 | 97 | 90 - 110 | P | 03/06/2025 | 15:53 | LB134928 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 2550 | 2500 | 102 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Antimony | 1010 | 1000 | 101 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Arsenic | 1040 | 1000 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Barium | 543 | 520 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Beryllium | 507 | 510 | 99 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Cadmium | 511 | 510 | 100 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Calcium | 10000 | 10000 | 100 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Chromium | 527 | 520 | 101 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Cobalt | 520 | 520 | 100 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Copper | 532 | 510 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Iron | 10200 | 10000 | 102 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Lead | 1020 | 1000 | 102 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Magnesium | 5970 | 6000 | 100 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Manganese | 515 | 520 | 99 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Nickel | 517 | 530 | 98 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Potassium | 9820 | 9900 | 99 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Selenium | 1040 | 1000 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Silver | 259 | 250 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Sodium | 9690 | 10000 | 97 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Thallium | 1030 | 1000 | 103 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Vanadium | 524 | 500 | 105 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |
| | Zinc | 1040 | 1000 | 104 | 90 - 110 | P | 03/11/2025 | 10:50 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 102 | 100 | 102 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Antimony | 53.0 | 50.0 | 106 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Arsenic | 21.2 | 20.0 | 106 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Barium | 94.6 | 100 | 95 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Beryllium | 6.23 | 6.0 | 104 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Cadmium | 5.80 | 6.0 | 97 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Calcium | 2010 | 2000 | 100 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Chromium | 10.2 | 10.0 | 102 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Cobalt | 29.3 | 30.0 | 98 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Copper | 22.1 | 20.0 | 110 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Iron | 93.9 | 100 | 94 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Lead | 12.0 | 12.0 | 100 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Magnesium | 2130 | 2000 | 107 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Manganese | 21.2 | 20.0 | 106 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Nickel | 38.4 | 40.0 | 96 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Potassium | 1780 | 2000 | 89 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Selenium | 20.5 | 20.0 | 102 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Silver | 10.4 | 10.0 | 104 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Sodium | 1850 | 2000 | 92 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Thallium | 40.9 | 40.0 | 102 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Vanadium | 39.7 | 40.0 | 99 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |
| | Zinc | 33.7 | 40.0 | 84 | 80 - 120 | P | 03/11/2025 | 10:54 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 10000 | 10000 | 100 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Antimony | 5040 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Arsenic | 5010 | 5000 | 100 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Barium | 10200 | 10000 | 102 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Beryllium | 253 | 250 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Cadmium | 2520 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Calcium | 25200 | 25000 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Chromium | 1010 | 1000 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Cobalt | 2520 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Copper | 1280 | 1250 | 102 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Iron | 5080 | 5000 | 102 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Lead | 5030 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Magnesium | 25200 | 25000 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Manganese | 2520 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Nickel | 2510 | 2500 | 100 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Selenium | 4990 | 5000 | 100 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Silver | 1270 | 1250 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Sodium | 24700 | 25000 | 99 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Thallium | 5090 | 5000 | 102 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Vanadium | 2530 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| | Zinc | 2560 | 2500 | 102 | 90 - 110 | P | 03/11/2025 | 11:29 | LB134987 |
| CCV02 | Aluminum | 10300 | 10000 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Antimony | 5160 | 5000 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Arsenic | 5150 | 5000 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Barium | 9970 | 10000 | 100 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Beryllium | 269 | 250 | 108 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Cadmium | 2570 | 2500 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Calcium | 25300 | 25000 | 101 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Chromium | 1040 | 1000 | 104 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Cobalt | 2570 | 2500 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Copper | 1300 | 1250 | 104 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Iron | 4920 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Lead | 5120 | 5000 | 102 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 25400 | 25000 | 102 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Manganese | 2570 | 2500 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Nickel | 2550 | 2500 | 102 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Selenium | 5170 | 5000 | 103 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Silver | 1300 | 1250 | 104 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Sodium | 25000 | 25000 | 100 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Thallium | 5220 | 5000 | 104 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Vanadium | 2540 | 2500 | 102 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| | Zinc | 2620 | 2500 | 105 | 90 - 110 | P | 03/11/2025 | 12:19 | LB134987 |
| CCV03 | Aluminum | 9640 | 10000 | 96 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Antimony | 4890 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Arsenic | 4860 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Barium | 9710 | 10000 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Beryllium | 251 | 250 | 100 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Cadmium | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Chromium | 964 | 1000 | 96 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Iron | 4750 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Lead | 4830 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Magnesium | 23800 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Manganese | 2410 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Nickel | 2410 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Potassium | 23700 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Selenium | 4840 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Sodium | 23200 | 25000 | 93 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Thallium | 4890 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Vanadium | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| | Zinc | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 13:10 | LB134987 |
| CCV04 | Aluminum | 9730 | 10000 | 97 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Antimony | 4950 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 4940 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Barium | 10100 | 10000 | 101 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Beryllium | 248 | 250 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Calcium | 24100 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Chromium | 965 | 1000 | 96 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Iron | 4970 | 5000 | 100 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Lead | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Manganese | 2450 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Nickel | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Potassium | 24900 | 25000 | 100 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Selenium | 4920 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Silver | 1240 | 1250 | 100 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Sodium | 23900 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Thallium | 5060 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Vanadium | 2460 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 14:08 | LB134987 |
| CCV05 | Aluminum | 9370 | 10000 | 94 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Antimony | 4830 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Arsenic | 4810 | 5000 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Barium | 9610 | 10000 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Beryllium | 237 | 250 | 95 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Cadmium | 2400 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Calcium | 23000 | 25000 | 92 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Chromium | 934 | 1000 | 93 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Cobalt | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Iron | 4750 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Lead | 4760 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Magnesium | 23200 | 25000 | 93 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Manganese | 2370 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2360 | 2500 | 94 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Potassium | 24000 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Selenium | 4790 | 5000 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Silver | 1190 | 1250 | 96 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Sodium | 23000 | 25000 | 92 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Thallium | 4860 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Vanadium | 2370 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| | Zinc | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 15:00 | LB134987 |
| CCV06 | Aluminum | 9590 | 10000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Antimony | 4830 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Arsenic | 4820 | 5000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Barium | 9620 | 10000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Beryllium | 254 | 250 | 101 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Cadmium | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Calcium | 23500 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Chromium | 956 | 1000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Iron | 4680 | 5000 | 94 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Lead | 4800 | 5000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Magnesium | 23700 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Manganese | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Nickel | 2390 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Potassium | 23500 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Selenium | 4770 | 5000 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Sodium | 22800 | 25000 | 91 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Thallium | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Vanadium | 2410 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| | Zinc | 2490 | 2500 | 100 | 90 - 110 | P | 03/11/2025 | 15:50 | LB134987 |
| CCV07 | Aluminum | 9470 | 10000 | 95 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Antimony | 4930 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Arsenic | 4920 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Barium | 9730 | 10000 | 97 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV07 | Beryllium | 242 | 250 | 97 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Cadmium | 2460 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Calcium | 23300 | 25000 | 93 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Chromium | 956 | 1000 | 96 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Iron | 4860 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Lead | 4850 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Magnesium | 23600 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Manganese | 2440 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Nickel | 2400 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Potassium | 24600 | 25000 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Selenium | 4910 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Sodium | 23300 | 25000 | 93 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Thallium | 5160 | 5000 | 103 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Vanadium | 2410 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| | Zinc | 2490 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 16:42 | LB134987 |
| CCV08 | Aluminum | 9520 | 10000 | 95 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Antimony | 4950 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Arsenic | 4940 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Barium | 9820 | 10000 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Beryllium | 246 | 250 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Calcium | 23400 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Chromium | 955 | 1000 | 96 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Cobalt | 2500 | 2500 | 100 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Copper | 1270 | 1250 | 102 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Iron | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Lead | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Magnesium | 23700 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Manganese | 2440 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Nickel | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Potassium | 24700 | 25000 | 99 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV08 | Selenium | 4930 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Sodium | 23400 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Thallium | 5080 | 5000 | 102 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| | Zinc | 2500 | 2500 | 100 | 90 - 110 | P | 03/11/2025 | 17:34 | LB134987 |
| CCV09 | Aluminum | 9930 | 10000 | 99 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Antimony | 5030 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Arsenic | 5030 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Barium | 9800 | 10000 | 98 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Beryllium | 267 | 250 | 107 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Cadmium | 2520 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Calcium | 23900 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Chromium | 971 | 1000 | 97 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Cobalt | 2530 | 2500 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Copper | 1290 | 1250 | 103 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Iron | 4690 | 5000 | 94 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Lead | 4960 | 5000 | 99 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Magnesium | 24100 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Manganese | 2470 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Nickel | 2460 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Potassium | 23400 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Selenium | 5030 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Silver | 1260 | 1250 | 101 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Sodium | 22900 | 25000 | 92 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Thallium | 5150 | 5000 | 103 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Vanadium | 2450 | 2500 | 98 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| | Zinc | 2550 | 2500 | 102 | 90 - 110 | P | 03/11/2025 | 18:26 | LB134987 |
| CCV10 | Aluminum | 9600 | 10000 | 96 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Antimony | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Arsenic | 4890 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Barium | 9280 | 10000 | 93 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Beryllium | 272 | 250 | 109 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV10 | Calcium | 23600 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Chromium | 968 | 1000 | 97 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Iron | 5280 | 5000 | 106 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Lead | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Manganese | 2470 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Nickel | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Potassium | 23500 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Selenium | 4860 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Silver | 1230 | 1250 | 99 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Sodium | 23500 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Thallium | 5120 | 5000 | 102 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Vanadium | 2400 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| | Zinc | 2480 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 19:14 | LB134987 |
| CCV11 | Aluminum | 9320 | 10000 | 93 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Antimony | 4870 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Arsenic | 4830 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Barium | 9770 | 10000 | 98 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Beryllium | 245 | 250 | 98 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Cadmium | 2390 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Calcium | 22900 | 25000 | 92 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Chromium | 935 | 1000 | 94 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Cobalt | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Copper | 1240 | 1250 | 100 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Iron | 4770 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Lead | 4740 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Magnesium | 23200 | 25000 | 93 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Manganese | 2370 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Nickel | 2350 | 2500 | 94 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Potassium | 24200 | 25000 | 97 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Selenium | 4840 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Silver | 1230 | 1250 | 98 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV11 | Sodium | 24000 | 25000 | 96 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Thallium | 4990 | 5000 | 100 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Vanadium | 2370 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| | Zinc | 2470 | 2500 | 99 | 90 - 110 | P | 03/11/2025 | 19:26 | LB134987 |
| CCV12 | Aluminum | 9320 | 10000 | 93 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Antimony | 4750 | 5000 | 95 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Arsenic | 4850 | 5000 | 97 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Barium | 9430 | 10000 | 94 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Beryllium | 258 | 250 | 103 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Cadmium | 2380 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Calcium | 23100 | 25000 | 92 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Chromium | 948 | 1000 | 95 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Cobalt | 2420 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Copper | 1230 | 1250 | 99 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Iron | 4570 | 5000 | 91 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Lead | 4680 | 5000 | 94 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Magnesium | 23600 | 25000 | 94 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Manganese | 2390 | 2500 | 96 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Nickel | 2350 | 2500 | 94 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Potassium | 23700 | 25000 | 95 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Selenium | 5040 | 5000 | 101 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Silver | 1210 | 1250 | 97 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Sodium | 22700 | 25000 | 91 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Thallium | 4880 | 5000 | 98 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Vanadium | 2370 | 2500 | 95 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |
| | Zinc | 2430 | 2500 | 97 | 90 - 110 | P | 03/11/2025 | 19:39 | LB134987 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 2550 | 2500 | 102 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Antimony | 1020 | 1000 | 102 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Arsenic | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Barium | 537 | 520 | 103 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Beryllium | 537 | 510 | 105 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Cadmium | 506 | 510 | 99 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Calcium | 10000 | 10000 | 100 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Chromium | 541 | 520 | 104 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Cobalt | 514 | 520 | 99 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Copper | 532 | 510 | 104 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Iron | 10400 | 10000 | 104 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Lead | 1020 | 1000 | 102 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Magnesium | 5900 | 6000 | 98 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Manganese | 508 | 520 | 98 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Nickel | 517 | 530 | 98 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Potassium | 10200 | 9900 | 103 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Selenium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Silver | 262 | 250 | 105 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Sodium | 10300 | 10000 | 103 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Thallium | 1090 | 1000 | 109 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Vanadium | 519 | 500 | 104 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |
| | Zinc | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 10:52 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 110 | 100 | 110 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Antimony | 50.7 | 50.0 | 101 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Arsenic | 22.2 | 20.0 | 111 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Barium | 89.2 | 100 | 89 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Beryllium | 5.80 | 6.0 | 97 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Cadmium | 5.83 | 6.0 | 97 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Calcium | 1960 | 2000 | 98 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Chromium | 10.6 | 10.0 | 106 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Cobalt | 29.3 | 30.0 | 98 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Copper | 22.9 | 20.0 | 114 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Iron | 114 | 100 | 114 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Lead | 11.7 | 12.0 | 97 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Magnesium | 2060 | 2000 | 103 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Manganese | 19.5 | 20.0 | 98 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Nickel | 38.7 | 40.0 | 97 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Potassium | 1930 | 2000 | 96 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Selenium | 17.5 | 20.0 | 87 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Silver | 11.0 | 10.0 | 110 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Sodium | 2050 | 2000 | 102 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Thallium | 41.6 | 40.0 | 104 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Vanadium | 40.0 | 40.0 | 100 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |
| | Zinc | 42.6 | 40.0 | 106 | 80 - 120 | P | 03/12/2025 | 10:56 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 10000 | 10000 | 100 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Antimony | 5040 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Arsenic | 5210 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Barium | 9300 | 10000 | 93 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Beryllium | 244 | 250 | 98 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Iron | 4790 | 5000 | 96 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Lead | 5060 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Magnesium | 23800 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Manganese | 2350 | 2500 | 94 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Potassium | 24100 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Selenium | 5000 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Silver | 1260 | 1250 | 101 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Sodium | 26200 | 25000 | 105 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Thallium | 5020 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 03/12/2025 | 11:29 | LB135011 |
| CCV02 | Aluminum | 10100 | 10000 | 101 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Antimony | 5230 | 5000 | 105 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Arsenic | 5150 | 5000 | 103 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Barium | 9180 | 10000 | 92 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Beryllium | 245 | 250 | 98 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Chromium | 1070 | 1000 | 107 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Copper | 1280 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Iron | 4890 | 5000 | 98 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Lead | 5010 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 23900 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Manganese | 2320 | 2500 | 93 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Nickel | 2460 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Potassium | 24700 | 25000 | 99 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Selenium | 5180 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Silver | 1280 | 1250 | 103 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Sodium | 26900 | 25000 | 107 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Thallium | 5230 | 5000 | 105 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| | Zinc | 2600 | 2500 | 104 | 90 - 110 | P | 03/12/2025 | 12:20 | LB135011 |
| CCV03 | Aluminum | 10200 | 10000 | 102 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Antimony | 5190 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Arsenic | 5100 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Barium | 9270 | 10000 | 93 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Beryllium | 255 | 250 | 102 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Chromium | 1060 | 1000 | 106 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Copper | 1280 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Iron | 4740 | 5000 | 95 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Lead | 5000 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Magnesium | 24000 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Manganese | 2340 | 2500 | 94 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Potassium | 23900 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Selenium | 5090 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Silver | 1290 | 1250 | 103 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Sodium | 26200 | 25000 | 105 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Thallium | 5210 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Vanadium | 2440 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| | Zinc | 2600 | 2500 | 104 | 90 - 110 | P | 03/12/2025 | 13:10 | LB135011 |
| CCV04 | Aluminum | 9980 | 10000 | 100 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Antimony | 5180 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 5330 | 5000 | 107 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Barium | 9270 | 10000 | 93 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Beryllium | 240 | 250 | 96 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Cadmium | 2500 | 2500 | 100 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Chromium | 1060 | 1000 | 106 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Cobalt | 2490 | 2500 | 100 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Copper | 1290 | 1250 | 103 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Iron | 4970 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Lead | 5090 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Magnesium | 24000 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Manganese | 2310 | 2500 | 92 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Nickel | 2490 | 2500 | 100 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Potassium | 25200 | 25000 | 101 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Selenium | 5140 | 5000 | 103 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Silver | 1280 | 1250 | 103 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Sodium | 26700 | 25000 | 107 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Thallium | 5310 | 5000 | 106 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| | Zinc | 2590 | 2500 | 103 | 90 - 110 | P | 03/12/2025 | 14:24 | LB135011 |
| CCV05 | Aluminum | 9840 | 10000 | 98 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Antimony | 5050 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Arsenic | 5210 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Barium | 9220 | 10000 | 92 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Beryllium | 235 | 250 | 94 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Cadmium | 2460 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Calcium | 23500 | 25000 | 94 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Cobalt | 2450 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Iron | 4840 | 5000 | 97 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Lead | 5010 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Magnesium | 23900 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Manganese | 2270 | 2500 | 91 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2440 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Potassium | 24600 | 25000 | 98 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Selenium | 5000 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Sodium | 26000 | 25000 | 104 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Thallium | 5180 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Vanadium | 2390 | 2500 | 96 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 03/12/2025 | 15:25 | LB135011 |
| CCV06 | Aluminum | 9800 | 10000 | 98 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Antimony | 5040 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Arsenic | 5190 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Barium | 9100 | 10000 | 91 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Cadmium | 2450 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Calcium | 23200 | 25000 | 93 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Cobalt | 2430 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Copper | 1260 | 1250 | 100 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Iron | 4770 | 5000 | 96 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Lead | 4990 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Magnesium | 23700 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Manganese | 2360 | 2500 | 94 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Nickel | 2430 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Potassium | 24100 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Selenium | 4960 | 5000 | 99 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Silver | 1260 | 1250 | 100 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Sodium | 25700 | 25000 | 103 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Thallium | 5070 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Vanadium | 2380 | 2500 | 95 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 03/12/2025 | 16:25 | LB135011 |
| CCV07 | Aluminum | 9920 | 10000 | 99 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Antimony | 5200 | 5000 | 104 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Arsenic | 5300 | 5000 | 106 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Barium | 9240 | 10000 | 92 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV07 | Beryllium | 234 | 250 | 94 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Cadmium | 2460 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Calcium | 23100 | 25000 | 92 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Copper | 1280 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Iron | 4870 | 5000 | 97 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Lead | 5030 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Magnesium | 23400 | 25000 | 93 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Manganese | 2250 | 2500 | 90 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Selenium | 5120 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Silver | 1270 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Sodium | 26900 | 25000 | 108 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Thallium | 5090 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Vanadium | 2390 | 2500 | 96 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| | Zinc | 2560 | 2500 | 102 | 90 - 110 | P | 03/12/2025 | 17:25 | LB135011 |
| CCV08 | Aluminum | 9930 | 10000 | 99 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Antimony | 5080 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Arsenic | 5240 | 5000 | 105 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Barium | 9130 | 10000 | 91 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Beryllium | 246 | 250 | 98 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Cadmium | 2490 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Calcium | 23600 | 25000 | 94 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Chromium | 1070 | 1000 | 107 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Copper | 1270 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Iron | 4810 | 5000 | 96 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Lead | 5060 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Magnesium | 24300 | 25000 | 97 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Manganese | 2270 | 2500 | 91 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Nickel | 2470 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Potassium | 24200 | 25000 | 97 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV08 | Selenium | 5010 | 5000 | 100 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Silver | 1280 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Sodium | 25600 | 25000 | 102 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Thallium | 5150 | 5000 | 103 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Vanadium | 2420 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| | Zinc | 2580 | 2500 | 103 | 90 - 110 | P | 03/12/2025 | 18:23 | LB135011 |
| CCV09 | Aluminum | 9860 | 10000 | 99 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Antimony | 5130 | 5000 | 103 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Arsenic | 5290 | 5000 | 106 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Barium | 9220 | 10000 | 92 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Beryllium | 236 | 250 | 94 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Cadmium | 2500 | 2500 | 100 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Calcium | 23600 | 25000 | 95 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Copper | 1280 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Iron | 4960 | 5000 | 99 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Lead | 5060 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Magnesium | 24100 | 25000 | 96 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Manganese | 2270 | 2500 | 91 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Potassium | 25400 | 25000 | 102 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Selenium | 5060 | 5000 | 101 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Silver | 1270 | 1250 | 102 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Sodium | 26300 | 25000 | 105 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Thallium | 5100 | 5000 | 102 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Vanadium | 2420 | 2500 | 97 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |
| | Zinc | 2560 | 2500 | 102 | 90 - 110 | P | 03/12/2025 | 18:49 | LB135011 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 2510 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Antimony | 1020 | 1000 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Arsenic | 1020 | 1000 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Barium | 533 | 520 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Beryllium | 536 | 510 | 105 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Cadmium | 503 | 510 | 99 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Calcium | 9870 | 10000 | 99 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Chromium | 525 | 520 | 101 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Cobalt | 510 | 520 | 98 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Copper | 529 | 510 | 104 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Iron | 9860 | 10000 | 99 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Lead | 1000 | 1000 | 100 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Magnesium | 6270 | 6000 | 105 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Manganese | 542 | 520 | 104 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Nickel | 545 | 530 | 103 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Potassium | 10100 | 9900 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Selenium | 1040 | 1000 | 104 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Silver | 252 | 250 | 101 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Sodium | 10200 | 10000 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Thallium | 1050 | 1000 | 105 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Vanadium | 518 | 500 | 104 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |
| | Zinc | 1020 | 1000 | 102 | 90 - 110 | P | 03/13/2025 | 12:07 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 98.6 | 100 | 99 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Antimony | 54.3 | 50.0 | 109 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Arsenic | 17.3 | 20.0 | 86 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Barium | 92.2 | 100 | 92 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Beryllium | 6.15 | 6.0 | 102 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Cadmium | 5.95 | 6.0 | 99 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Calcium | 1970 | 2000 | 99 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Chromium | 10.1 | 10.0 | 101 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Cobalt | 29.7 | 30.0 | 99 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Copper | 22.7 | 20.0 | 114 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Iron | 101 | 100 | 101 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Lead | 12.6 | 12.0 | 105 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Magnesium | 2100 | 2000 | 105 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Manganese | 19.6 | 20.0 | 98 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Nickel | 39.7 | 40.0 | 99 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Potassium | 1850 | 2000 | 92 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Selenium | 19.2 | 20.0 | 96 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Silver | 10.6 | 10.0 | 106 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Sodium | 1740 | 2000 | 87 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Thallium | 42.1 | 40.0 | 105 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Vanadium | 39.3 | 40.0 | 98 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |
| | Zinc | 41.3 | 40.0 | 103 | 80 - 120 | P | 03/13/2025 | 12:13 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 10300 | 10000 | 103 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Antimony | 5060 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Arsenic | 5160 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Barium | 9860 | 10000 | 99 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Beryllium | 274 | 250 | 110 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Cadmium | 2570 | 2500 | 103 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Calcium | 25500 | 25000 | 102 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Chromium | 1050 | 1000 | 105 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Cobalt | 2560 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Copper | 1280 | 1250 | 103 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Iron | 4890 | 5000 | 98 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Lead | 5190 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Magnesium | 25700 | 25000 | 103 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Manganese | 2530 | 2500 | 101 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Nickel | 2560 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Potassium | 23900 | 25000 | 96 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Selenium | 5070 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Silver | 1300 | 1250 | 104 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Sodium | 24000 | 25000 | 96 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Thallium | 5100 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Vanadium | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| | Zinc | 2600 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 12:53 | LB135035 |
| CCV02 | Aluminum | 10400 | 10000 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Antimony | 5180 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Arsenic | 5290 | 5000 | 106 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Barium | 10100 | 10000 | 101 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Beryllium | 268 | 250 | 107 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Cadmium | 2630 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Calcium | 26000 | 25000 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Chromium | 1100 | 1000 | 110 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Cobalt | 2610 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Copper | 1310 | 1250 | 105 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Iron | 5130 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Lead | 5330 | 5000 | 107 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 26100 | 25000 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Manganese | 2580 | 2500 | 103 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Nickel | 2600 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Selenium | 5180 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Silver | 1310 | 1250 | 105 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Sodium | 25600 | 25000 | 102 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Thallium | 5110 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Vanadium | 2600 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| | Zinc | 2620 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 13:49 | LB135035 |
| CCV03 | Aluminum | 10100 | 10000 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Antimony | 5040 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Arsenic | 5130 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Barium | 9830 | 10000 | 98 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Beryllium | 261 | 250 | 104 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Cadmium | 2540 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Calcium | 25100 | 25000 | 100 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Chromium | 1050 | 1000 | 106 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Cobalt | 2520 | 2500 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Copper | 1270 | 1250 | 102 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Iron | 4990 | 5000 | 100 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Lead | 5150 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Magnesium | 25100 | 25000 | 100 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Manganese | 2490 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Nickel | 2530 | 2500 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Selenium | 5060 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Silver | 1280 | 1250 | 103 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Sodium | 24700 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Thallium | 4970 | 5000 | 99 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Vanadium | 2520 | 2500 | 101 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| | Zinc | 2560 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 14:40 | LB135035 |
| CCV04 | Aluminum | 9840 | 10000 | 98 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Antimony | 4840 | 5000 | 97 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 4950 | 5000 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Barium | 9580 | 10000 | 96 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Beryllium | 261 | 250 | 104 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Cadmium | 2510 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Calcium | 24900 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Chromium | 1030 | 1000 | 103 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Iron | 4780 | 5000 | 96 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Lead | 5050 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Magnesium | 25300 | 25000 | 101 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Manganese | 2440 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Potassium | 23200 | 25000 | 93 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Selenium | 4830 | 5000 | 97 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Silver | 1240 | 1250 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Sodium | 22900 | 25000 | 92 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Thallium | 4900 | 5000 | 98 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Vanadium | 2470 | 2500 | 99 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| | Zinc | 2460 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 15:38 | LB135035 |
| CCV05 | Aluminum | 10100 | 10000 | 101 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Antimony | 5130 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Arsenic | 5250 | 5000 | 105 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Barium | 9880 | 10000 | 99 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Beryllium | 264 | 250 | 106 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Cadmium | 2630 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Calcium | 25600 | 25000 | 102 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Chromium | 1070 | 1000 | 107 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Cobalt | 2610 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Copper | 1300 | 1250 | 104 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Iron | 5120 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Lead | 5300 | 5000 | 106 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Magnesium | 25900 | 25000 | 104 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Manganese | 2530 | 2500 | 101 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2620 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Potassium | 25000 | 25000 | 100 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Selenium | 5150 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Silver | 1300 | 1250 | 104 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Sodium | 24700 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Thallium | 5190 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Vanadium | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| | Zinc | 2580 | 2500 | 103 | 90 - 110 | P | 03/13/2025 | 16:28 | LB135035 |
| CCV06 | Aluminum | 10000 | 10000 | 100 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Antimony | 4980 | 5000 | 100 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Arsenic | 5070 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Barium | 9980 | 10000 | 100 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Beryllium | 264 | 250 | 106 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Cadmium | 2570 | 2500 | 103 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Calcium | 25700 | 25000 | 103 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Chromium | 1060 | 1000 | 106 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Cobalt | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Copper | 1270 | 1250 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Iron | 5040 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Lead | 5180 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Magnesium | 26000 | 25000 | 104 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Manganese | 2510 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Nickel | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Potassium | 24800 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Selenium | 4970 | 5000 | 100 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Silver | 1290 | 1250 | 103 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Sodium | 24100 | 25000 | 96 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Thallium | 5070 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Vanadium | 2540 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| | Zinc | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 17:21 | LB135035 |
| CCV07 | Aluminum | 10200 | 10000 | 102 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Antimony | 5160 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Arsenic | 5250 | 5000 | 105 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Barium | 9960 | 10000 | 100 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV07 | Beryllium | 267 | 250 | 107 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Cadmium | 2640 | 2500 | 106 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Calcium | 25800 | 25000 | 103 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Chromium | 1090 | 1000 | 109 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Cobalt | 2620 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Copper | 1310 | 1250 | 105 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Iron | 5150 | 5000 | 103 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Lead | 5330 | 5000 | 107 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Magnesium | 26100 | 25000 | 104 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Manganese | 2540 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Nickel | 2620 | 2500 | 105 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Potassium | 25000 | 25000 | 100 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Selenium | 5180 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Silver | 1310 | 1250 | 105 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Sodium | 24700 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Thallium | 5220 | 5000 | 104 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Vanadium | 2570 | 2500 | 103 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| | Zinc | 2600 | 2500 | 104 | 90 - 110 | P | 03/13/2025 | 18:12 | LB135035 |
| CCV08 | Aluminum | 9620 | 10000 | 96 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Antimony | 4850 | 5000 | 97 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Arsenic | 4950 | 5000 | 99 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Barium | 9390 | 10000 | 94 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Beryllium | 260 | 250 | 104 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Cadmium | 2510 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Calcium | 24700 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Chromium | 1040 | 1000 | 104 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Iron | 4880 | 5000 | 98 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Lead | 5060 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Magnesium | 25200 | 25000 | 101 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Manganese | 2440 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Potassium | 23400 | 25000 | 94 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV08 | Selenium | 4840 | 5000 | 97 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Sodium | 23400 | 25000 | 94 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Thallium | 4920 | 5000 | 98 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Vanadium | 2460 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| | Zinc | 2330 | 2500 | 93 | 90 - 110 | P | 03/13/2025 | 18:53 | LB135035 |
| CCV09 | Aluminum | 9650 | 10000 | 96 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Antimony | 5060 | 5000 | 101 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Arsenic | 5280 | 5000 | 106 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Barium | 9620 | 10000 | 96 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Beryllium | 258 | 250 | 103 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Cadmium | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Calcium | 24600 | 25000 | 98 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Chromium | 1070 | 1000 | 107 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Cobalt | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Copper | 1290 | 1250 | 103 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Iron | 5230 | 5000 | 105 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Lead | 5120 | 5000 | 102 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Magnesium | 24800 | 25000 | 99 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Manganese | 2450 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Nickel | 2550 | 2500 | 102 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Potassium | 24400 | 25000 | 98 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Selenium | 5440 | 5000 | 109 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Silver | 1290 | 1250 | 104 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Sodium | 23500 | 25000 | 94 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Thallium | 5020 | 5000 | 100 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Vanadium | 2460 | 2500 | 98 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |
| | Zinc | 2490 | 2500 | 100 | 90 - 110 | P | 03/13/2025 | 19:12 | LB135035 |

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# Metals

## - 2b -
## CRDL STANDARD FOR AA & ICP

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CRA | Mercury | 0.22 | 0.2 | 110 | 40 - 160 | CV | 03/05/2025 | 12:07 | LB134901 |
| CRA | Mercury | 0.17 | 0.2 | 83 | 40 - 160 | CV | 03/06/2025 | 11:42 | LB134917 |
| CRI01 | Aluminum | 103 | 100 | 103 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Antimony | 51.5 | 50.0 | 103 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Arsenic | 22.6 | 20.0 | 113 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Barium | 92.7 | 100 | 93 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Beryllium | 6.22 | 6.0 | 104 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Cadmium | 5.78 | 6.0 | 96 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Calcium | 1990 | 2000 | 100 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Chromium | 10.1 | 10.0 | 101 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Cobalt | 29.0 | 30.0 | 97 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Copper | 22.6 | 20.0 | 113 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Iron | 99.1 | 100 | 99 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Lead | 12.6 | 12.0 | 105 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Magnesium | 2110 | 2000 | 106 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Manganese | 20.8 | 20.0 | 104 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Nickel | 39.3 | 40.0 | 98 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Potassium | 1900 | 2000 | 95 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Selenium | 22.0 | 20.0 | 110 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Silver | 10.2 | 10.0 | 102 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Sodium | 1810 | 2000 | 90 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Thallium | 40.8 | 40.0 | 102 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Vanadium | 39.3 | 40.0 | 98 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| | Zinc | 42.2 | 40.0 | 105 | 40 - 160 | P | 03/06/2025 | 11:47 | LB134928 |
| CRI01 | Aluminum | 99.1 | 100 | 99 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Antimony | 52.5 | 50.0 | 105 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Arsenic | 19.0 | 20.0 | 95 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Barium | 95.1 | 100 | 95 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Beryllium | 5.91 | 6.0 | 98 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Cadmium | 5.81 | 6.0 | 97 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Calcium | 2000 | 2000 | 100 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Chromium | 9.83 | 10.0 | 98 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Cobalt | 29.2 | 30.0 | 97 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Copper | 22.1 | 20.0 | 110 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Iron | 89.9 | 100 | 90 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |

Alliance TECHNICAL GROUP
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# Metals

## - 2b -

## CRDL STANDARD FOR AA & ICP

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CRI01 | Lead | 11.9 | 12.0 | 99 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Magnesium | 2130 | 2000 | 106 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Manganese | 21.6 | 20.0 | 108 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Nickel | 38.2 | 40.0 | 96 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Potassium | 1860 | 2000 | 93 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Selenium | 21.9 | 20.0 | 110 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Silver | 10.3 | 10.0 | 103 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Sodium | 1940 | 2000 | 97 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Thallium | 41.5 | 40.0 | 104 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Vanadium | 39.1 | 40.0 | 98 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| | Zinc | 33.2 | 40.0 | 83 | 40 - 160 | P | 03/11/2025 | 11:02 | LB134987 |
| CRI01 | Aluminum | 107 | 100 | 106 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Antimony | 51.9 | 50.0 | 104 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Arsenic | 20.1 | 20.0 | 100 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Barium | 88.8 | 100 | 89 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Beryllium | 5.53 | 6.0 | 92 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Cadmium | 5.85 | 6.0 | 98 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Calcium | 1940 | 2000 | 97 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Chromium | 10.3 | 10.0 | 103 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Cobalt | 29.3 | 30.0 | 98 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Copper | 22.6 | 20.0 | 113 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Iron | 98.7 | 100 | 99 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Lead | 10.9 | 12.0 | 91 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Magnesium | 2030 | 2000 | 102 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Manganese | 19.2 | 20.0 | 96 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Nickel | 38.9 | 40.0 | 97 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Potassium | 1970 | 2000 | 98 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Selenium | 18.3 | 20.0 | 92 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Silver | 11.1 | 10.0 | 111 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Sodium | 2100 | 2000 | 105 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Thallium | 42.1 | 40.0 | 105 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Vanadium | 39.4 | 40.0 | 98 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| | Zinc | 42.3 | 40.0 | 106 | 40 - 160 | P | 03/12/2025 | 11:05 | LB135011 |
| CRI01 | Aluminum | 99.2 | 100 | 99 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Antimony | 52.9 | 50.0 | 106 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Arsenic | 21.2 | 20.0 | 106 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Barium | 94.0 | 100 | 94 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Beryllium | 6.07 | 6.0 | 101 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |

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# Metals

## - 2b -

## CRDL STANDARD FOR AA & ICP

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CRI01 | Cadmium | 5.90 | 6.0 | 98 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Calcium | 2020 | 2000 | 101 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Chromium | 10.4 | 10.0 | 104 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Cobalt | 30.2 | 30.0 | 101 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Copper | 23.1 | 20.0 | 116 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Iron | 110 | 100 | 110 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Lead | 11.7 | 12.0 | 98 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Magnesium | 2140 | 2000 | 107 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Manganese | 20.6 | 20.0 | 103 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Nickel | 39.8 | 40.0 | 100 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Potassium | 1920 | 2000 | 96 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Selenium | 21.3 | 20.0 | 107 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Silver | 10.6 | 10.0 | 106 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Sodium | 1830 | 2000 | 91 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Thallium | 41.6 | 40.0 | 104 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Vanadium | 41.0 | 40.0 | 102 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |
| | Zinc | 42.5 | 40.0 | 106 | 40 - 160 | P | 03/13/2025 | 12:21 | LB135035 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICSA01 | Aluminum | 244000 | 255000 | 96 | 216000 | 294000 | 03/06/2025 | 11:51 | LB134928 |
| | Antimony | -7.18 | | | -50 | 50 | 03/06/2025 | 11:51 | LB134928 |
| | Arsenic | 12.0 | | | -20 | 20 | 03/06/2025 | 11:51 | LB134928 |
| | Barium | 2.98 | 6.0 | 50 | -94 | 106 | 03/06/2025 | 11:51 | LB134928 |
| | Beryllium | 1.26 | | | -6 | 6 | 03/06/2025 | 11:51 | LB134928 |
| | Cadmium | -4.02 | 1.0 | 402 | -5 | 7 | 03/06/2025 | 11:51 | LB134928 |
| | Calcium | 230000 | 245000 | 94 | 208000 | 282000 | 03/06/2025 | 11:51 | LB134928 |
| | Chromium | 55.3 | 52.0 | 106 | 42 | 62 | 03/06/2025 | 11:51 | LB134928 |
| | Cobalt | 1.86 | | | -30 | 30 | 03/06/2025 | 11:51 | LB134928 |
| | Copper | 17.0 | 2.0 | 850 | -18 | 22 | 03/06/2025 | 11:51 | LB134928 |
| | Iron | 99700 | 101000 | 99 | 85600 | 116500 | 03/06/2025 | 11:51 | LB134928 |
| | Lead | 6.40 | | | -12 | 12 | 03/06/2025 | 11:51 | LB134928 |
| | Magnesium | 250000 | 255000 | 98 | 216000 | 294000 | 03/06/2025 | 11:51 | LB134928 |
| | Manganese | 10.5 | 7.0 | 150 | -13 | 27 | 03/06/2025 | 11:51 | LB134928 |
| | Nickel | 2.72 | 2.0 | 136 | -38 | 42 | 03/06/2025 | 11:51 | LB134928 |
| | Potassium | 42.3 | | | 0 | 0 | 03/06/2025 | 11:51 | LB134928 |
| | Selenium | 2.15 | | | -20 | 20 | 03/06/2025 | 11:51 | LB134928 |
| | Silver | 0.89 | | | -10 | 10 | 03/06/2025 | 11:51 | LB134928 |
| | Sodium | 71.1 | | | 0 | 0 | 03/06/2025 | 11:51 | LB134928 |
| | Thallium | 7.90 | | | -40 | 40 | 03/06/2025 | 11:51 | LB134928 |
| | Vanadium | 3.17 | | | -40 | 40 | 03/06/2025 | 11:51 | LB134928 |
| | Zinc | 4.07 | | | -40 | 40 | 03/06/2025 | 11:51 | LB134928 |
| ICSAB01 | Aluminum | 256000 | 247000 | 104 | 209000 | 285000 | 03/06/2025 | 12:04 | LB134928 |
| | Antimony | 633 | 618 | 102 | 525 | 711 | 03/06/2025 | 12:04 | LB134928 |
| | Arsenic | 98.3 | 104 | 94 | 88.4 | 120 | 03/06/2025 | 12:04 | LB134928 |
| | Barium | 498 | 537 | 93 | 437 | 637 | 03/06/2025 | 12:04 | LB134928 |
| | Beryllium | 505 | 495 | 102 | 420 | 570 | 03/06/2025 | 12:04 | LB134928 |
| | Cadmium | 1010 | 972 | 104 | 826 | 1120 | 03/06/2025 | 12:04 | LB134928 |
| | Calcium | 238000 | 235000 | 101 | 199000 | 271000 | 03/06/2025 | 12:04 | LB134928 |
| | Chromium | 567 | 542 | 105 | 460 | 624 | 03/06/2025 | 12:04 | LB134928 |
| | Cobalt | 516 | 476 | 108 | 404 | 548 | 03/06/2025 | 12:04 | LB134928 |
| | Copper | 537 | 511 | 105 | 434 | 588 | 03/06/2025 | 12:04 | LB134928 |
| | Iron | 100000 | 99300 | 101 | 84400 | 114500 | 03/06/2025 | 12:04 | LB134928 |
| | Lead | 55.0 | 49.0 | 112 | 37 | 61 | 03/06/2025 | 12:04 | LB134928 |
| | Magnesium | 257000 | 248000 | 104 | 210000 | 286000 | 03/06/2025 | 12:04 | LB134928 |
| | Manganese | 499 | 507 | 98 | 430 | 584 | 03/06/2025 | 12:04 | LB134928 |
| | Nickel | 1020 | 954 | 107 | 810 | 1100 | 03/06/2025 | 12:04 | LB134928 |
| | Potassium | -13.0 | | | 0 | 0 | 03/06/2025 | 12:04 | LB134928 |
| | Selenium | 47.8 | 46.0 | 104 | 26 | 66 | 03/06/2025 | 12:04 | LB134928 |
| | Silver | 190 | 201 | 94 | 170 | 232 | 03/06/2025 | 12:04 | LB134928 |
| | Sodium | 38.8 | | | 0 | 0 | 03/06/2025 | 12:04 | LB134928 |
| | Thallium | 109 | 108 | 101 | 68 | 148 | 03/06/2025 | 12:04 | LB134928 |

Alliance TECHNICAL GROUP
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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICSAB01** | Vanadium | 481 | 491 | 98 | 417 | 565 | 03/06/2025 | 12:04 | LB134928 |
| | Zinc | 1070 | 952 | 112 | 809 | 1095 | 03/06/2025 | 12:04 | LB134928 |
| **ICSA01** | Aluminum | 248000 | 255000 | 97 | 216000 | 294000 | 03/11/2025 | 11:06 | LB134987 |
| | Antimony | -2.80 | | | -50 | 50 | 03/11/2025 | 11:06 | LB134987 |
| | Arsenic | 6.46 | | | -20 | 20 | 03/11/2025 | 11:06 | LB134987 |
| | Barium | 5.32 | 6.0 | 89 | -94 | 106 | 03/11/2025 | 11:06 | LB134987 |
| | Beryllium | 1.26 | | | -6 | 6 | 03/11/2025 | 11:06 | LB134987 |
| | Cadmium | -2.31 | 1.0 | 231 | -5 | 7 | 03/11/2025 | 11:06 | LB134987 |
| | Calcium | 237000 | 245000 | 97 | 208000 | 282000 | 03/11/2025 | 11:06 | LB134987 |
| | Chromium | 58.2 | 52.0 | 112 | 42 | 62 | 03/11/2025 | 11:06 | LB134987 |
| | Cobalt | 1.96 | | | -30 | 30 | 03/11/2025 | 11:06 | LB134987 |
| | Copper | 6.76 | 2.0 | 338 | -18 | 22 | 03/11/2025 | 11:06 | LB134987 |
| | Iron | 102000 | 101000 | 101 | 85600 | 116500 | 03/11/2025 | 11:06 | LB134987 |
| | Lead | 3.81 | | | -12 | 12 | 03/11/2025 | 11:06 | LB134987 |
| | Magnesium | 258000 | 255000 | 101 | 216000 | 294000 | 03/11/2025 | 11:06 | LB134987 |
| | Manganese | 5.00 | 7.0 | 71 | -13 | 27 | 03/11/2025 | 11:06 | LB134987 |
| | Nickel | 1.76 | 2.0 | 88 | -38 | 42 | 03/11/2025 | 11:06 | LB134987 |
| | Potassium | -40.0 | | | 0 | 0 | 03/11/2025 | 11:06 | LB134987 |
| | Selenium | -16.3 | | | -20 | 20 | 03/11/2025 | 11:06 | LB134987 |
| | Silver | -0.94 | | | -10 | 10 | 03/11/2025 | 11:06 | LB134987 |
| | Sodium | 60.3 | | | 0 | 0 | 03/11/2025 | 11:06 | LB134987 |
| | Thallium | 9.64 | | | -40 | 40 | 03/11/2025 | 11:06 | LB134987 |
| | Vanadium | 3.52 | | | -40 | 40 | 03/11/2025 | 11:06 | LB134987 |
| | Zinc | -3.79 | | | -40 | 40 | 03/11/2025 | 11:06 | LB134987 |
| **ICSAB01** | Aluminum | 249000 | 247000 | 101 | 209000 | 285000 | 03/11/2025 | 11:11 | LB134987 |
| | Antimony | 612 | 618 | 99 | 525 | 711 | 03/11/2025 | 11:11 | LB134987 |
| | Arsenic | 114 | 104 | 110 | 88.4 | 120 | 03/11/2025 | 11:11 | LB134987 |
| | Barium | 487 | 537 | 91 | 437 | 637 | 03/11/2025 | 11:11 | LB134987 |
| | Beryllium | 521 | 495 | 105 | 420 | 570 | 03/11/2025 | 11:11 | LB134987 |
| | Cadmium | 1020 | 972 | 105 | 826 | 1120 | 03/11/2025 | 11:11 | LB134987 |
| | Calcium | 235000 | 235000 | 100 | 199000 | 271000 | 03/11/2025 | 11:11 | LB134987 |
| | Chromium | 567 | 542 | 105 | 460 | 624 | 03/11/2025 | 11:11 | LB134987 |
| | Cobalt | 518 | 476 | 109 | 404 | 548 | 03/11/2025 | 11:11 | LB134987 |
| | Copper | 507 | 511 | 99 | 434 | 588 | 03/11/2025 | 11:11 | LB134987 |
| | Iron | 97400 | 99300 | 98 | 84400 | 114500 | 03/11/2025 | 11:11 | LB134987 |
| | Lead | 55.7 | 49.0 | 114 | 37 | 61 | 03/11/2025 | 11:11 | LB134987 |
| | Magnesium | 256000 | 248000 | 103 | 210000 | 286000 | 03/11/2025 | 11:11 | LB134987 |
| | Manganese | 489 | 507 | 96 | 430 | 584 | 03/11/2025 | 11:11 | LB134987 |
| | Nickel | 1020 | 954 | 107 | 810 | 1100 | 03/11/2025 | 11:11 | LB134987 |
| | Potassium | -41.6 | | | 0 | 0 | 03/11/2025 | 11:11 | LB134987 |
| | Selenium | 32.4 | 46.0 | 70 | 26 | 66 | 03/11/2025 | 11:11 | LB134987 |
| | Silver | 220 | 201 | 110 | 170 | 232 | 03/11/2025 | 11:11 | LB134987 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICSAB01 | Sodium | 56.3 | | | 0 | 0 | 03/11/2025 | 11:11 | LB134987 |
| | Thallium | 105 | 108 | 97 | 68 | 148 | 03/11/2025 | 11:11 | LB134987 |
| | Vanadium | 478 | 491 | 97 | 417 | 565 | 03/11/2025 | 11:11 | LB134987 |
| | Zinc | 1070 | 952 | 112 | 809 | 1095 | 03/11/2025 | 11:11 | LB134987 |
| ICSA01 | Aluminum | 249000 | 255000 | 98 | 216000 | 294000 | 03/12/2025 | 11:09 | LB135011 |
| | Antimony | -5.28 | | | -50 | 50 | 03/12/2025 | 11:09 | LB135011 |
| | Arsenic | 5.78 | | | -20 | 20 | 03/12/2025 | 11:09 | LB135011 |
| | Barium | 1.43 | 6.0 | 24 | -94 | 106 | 03/12/2025 | 11:09 | LB135011 |
| | Beryllium | 1.22 | | | -6 | 6 | 03/12/2025 | 11:09 | LB135011 |
| | Cadmium | -3.50 | 1.0 | 350 | -5 | 7 | 03/12/2025 | 11:09 | LB135011 |
| | Calcium | 232000 | 245000 | 95 | 208000 | 282000 | 03/12/2025 | 11:09 | LB135011 |
| | Chromium | 60.0 | 52.0 | 115 | 42 | 62 | 03/12/2025 | 11:09 | LB135011 |
| | Cobalt | 1.79 | | | -30 | 30 | 03/12/2025 | 11:09 | LB135011 |
| | Copper | 7.26 | 2.0 | 363 | -18 | 22 | 03/12/2025 | 11:09 | LB135011 |
| | Iron | 104000 | 101000 | 103 | 85600 | 116500 | 03/12/2025 | 11:09 | LB135011 |
| | Lead | 5.99 | | | -12 | 12 | 03/12/2025 | 11:09 | LB135011 |
| | Magnesium | 249000 | 255000 | 98 | 216000 | 294000 | 03/12/2025 | 11:09 | LB135011 |
| | Manganese | 2.80 | 7.0 | 40 | -13 | 27 | 03/12/2025 | 11:09 | LB135011 |
| | Nickel | 1.62 | 2.0 | 81 | -38 | 42 | 03/12/2025 | 11:09 | LB135011 |
| | Potassium | -8.24 | | | 0 | 0 | 03/12/2025 | 11:09 | LB135011 |
| | Selenium | -15.8 | | | -20 | 20 | 03/12/2025 | 11:09 | LB135011 |
| | Silver | 0.57 | | | -10 | 10 | 03/12/2025 | 11:09 | LB135011 |
| | Sodium | 41.4 | | | 0 | 0 | 03/12/2025 | 11:09 | LB135011 |
| | Thallium | 7.56 | | | -40 | 40 | 03/12/2025 | 11:09 | LB135011 |
| | Vanadium | 4.05 | | | -40 | 40 | 03/12/2025 | 11:09 | LB135011 |
| | Zinc | 6.95 | | | -40 | 40 | 03/12/2025 | 11:09 | LB135011 |
| ICSAB01 | Aluminum | 239000 | 247000 | 97 | 209000 | 285000 | 03/12/2025 | 11:14 | LB135011 |
| | Antimony | 630 | 618 | 102 | 525 | 711 | 03/12/2025 | 11:14 | LB135011 |
| | Arsenic | 116 | 104 | 112 | 88.4 | 120 | 03/12/2025 | 11:14 | LB135011 |
| | Barium | 454 | 537 | 84 | 437 | 637 | 03/12/2025 | 11:14 | LB135011 |
| | Beryllium | 467 | 495 | 94 | 420 | 570 | 03/12/2025 | 11:14 | LB135011 |
| | Cadmium | 1000 | 972 | 103 | 826 | 1120 | 03/12/2025 | 11:14 | LB135011 |
| | Calcium | 220000 | 235000 | 94 | 199000 | 271000 | 03/12/2025 | 11:14 | LB135011 |
| | Chromium | 595 | 542 | 110 | 460 | 624 | 03/12/2025 | 11:14 | LB135011 |
| | Cobalt | 511 | 476 | 107 | 404 | 548 | 03/12/2025 | 11:14 | LB135011 |
| | Copper | 509 | 511 | 100 | 434 | 588 | 03/12/2025 | 11:14 | LB135011 |
| | Iron | 102000 | 99300 | 103 | 84400 | 114500 | 03/12/2025 | 11:14 | LB135011 |
| | Lead | 52.3 | 49.0 | 107 | 37 | 61 | 03/12/2025 | 11:14 | LB135011 |
| | Magnesium | 237000 | 248000 | 96 | 210000 | 286000 | 03/12/2025 | 11:14 | LB135011 |
| | Manganese | 451 | 507 | 89 | 430 | 584 | 03/12/2025 | 11:14 | LB135011 |
| | Nickel | 1000 | 954 | 105 | 810 | 1100 | 03/12/2025 | 11:14 | LB135011 |
| | Potassium | -44.7 | | | 0 | 0 | 03/12/2025 | 11:14 | LB135011 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICSAB01** | Selenium | 34.2 | 46.0 | 74 | 26 | 66 | 03/12/2025 | 11:14 | LB135011 |
| | Silver | 226 | 201 | 112 | 170 | 232 | 03/12/2025 | 11:14 | LB135011 |
| | Sodium | 43.6 | | | 0 | 0 | 03/12/2025 | 11:14 | LB135011 |
| | Thallium | 108 | 108 | 100 | 68 | 148 | 03/12/2025 | 11:14 | LB135011 |
| | Vanadium | 457 | 491 | 93 | 417 | 565 | 03/12/2025 | 11:14 | LB135011 |
| | Zinc | 1080 | 952 | 113 | 809 | 1095 | 03/12/2025 | 11:14 | LB135011 |
| **ICSA01** | Aluminum | 256000 | 255000 | 100 | 216000 | 294000 | 03/13/2025 | 12:25 | LB135035 |
| | Antimony | -2.75 | | | -50 | 50 | 03/13/2025 | 12:25 | LB135035 |
| | Arsenic | 4.32 | | | -20 | 20 | 03/13/2025 | 12:25 | LB135035 |
| | Barium | 4.72 | 6.0 | 79 | -94 | 106 | 03/13/2025 | 12:25 | LB135035 |
| | Beryllium | 1.26 | | | -6 | 6 | 03/13/2025 | 12:25 | LB135035 |
| | Cadmium | -3.11 | 1.0 | 311 | -5 | 7 | 03/13/2025 | 12:25 | LB135035 |
| | Calcium | 242000 | 245000 | 99 | 208000 | 282000 | 03/13/2025 | 12:25 | LB135035 |
| | Chromium | 60.0 | 52.0 | 115 | 42 | 62 | 03/13/2025 | 12:25 | LB135035 |
| | Cobalt | 1.59 | | | -30 | 30 | 03/13/2025 | 12:25 | LB135035 |
| | Copper | 10.4 | 2.0 | 519 | -18 | 22 | 03/13/2025 | 12:25 | LB135035 |
| | Iron | 103000 | 101000 | 102 | 85600 | 116500 | 03/13/2025 | 12:25 | LB135035 |
| | Lead | 4.72 | | | -12 | 12 | 03/13/2025 | 12:25 | LB135035 |
| | Magnesium | 262000 | 255000 | 103 | 216000 | 294000 | 03/13/2025 | 12:25 | LB135035 |
| | Manganese | 3.77 | 7.0 | 54 | -13 | 27 | 03/13/2025 | 12:25 | LB135035 |
| | Nickel | 1.93 | 2.0 | 96 | -38 | 42 | 03/13/2025 | 12:25 | LB135035 |
| | Potassium | 112 | | | 0 | 0 | 03/13/2025 | 12:25 | LB135035 |
| | Selenium | -15.2 | | | -20 | 20 | 03/13/2025 | 12:25 | LB135035 |
| | Silver | -0.88 | | | -10 | 10 | 03/13/2025 | 12:25 | LB135035 |
| | Sodium | 81.3 | | | 0 | 0 | 03/13/2025 | 12:25 | LB135035 |
| | Thallium | 9.23 | | | -40 | 40 | 03/13/2025 | 12:25 | LB135035 |
| | Vanadium | 3.49 | | | -40 | 40 | 03/13/2025 | 12:25 | LB135035 |
| | Zinc | 4.65 | | | -40 | 40 | 03/13/2025 | 12:25 | LB135035 |
| **ICSAB01** | Aluminum | 240000 | 247000 | 97 | 209000 | 285000 | 03/13/2025 | 12:30 | LB135035 |
| | Antimony | 610 | 618 | 99 | 525 | 711 | 03/13/2025 | 12:30 | LB135035 |
| | Arsenic | 113 | 104 | 109 | 88.4 | 120 | 03/13/2025 | 12:30 | LB135035 |
| | Barium | 485 | 537 | 90 | 437 | 637 | 03/13/2025 | 12:30 | LB135035 |
| | Beryllium | 491 | 495 | 99 | 420 | 570 | 03/13/2025 | 12:30 | LB135035 |
| | Cadmium | 1000 | 972 | 103 | 826 | 1120 | 03/13/2025 | 12:30 | LB135035 |
| | Calcium | 231000 | 235000 | 98 | 199000 | 271000 | 03/13/2025 | 12:30 | LB135035 |
| | Chromium | 564 | 542 | 104 | 460 | 624 | 03/13/2025 | 12:30 | LB135035 |
| | Cobalt | 508 | 476 | 107 | 404 | 548 | 03/13/2025 | 12:30 | LB135035 |
| | Copper | 504 | 511 | 99 | 434 | 588 | 03/13/2025 | 12:30 | LB135035 |
| | Iron | 100000 | 99300 | 101 | 84400 | 114500 | 03/13/2025 | 12:30 | LB135035 |
| | Lead | 54.2 | 49.0 | 111 | 37 | 61 | 03/13/2025 | 12:30 | LB135035 |
| | Magnesium | 249000 | 248000 | 100 | 210000 | 286000 | 03/13/2025 | 12:30 | LB135035 |
| | Manganese | 476 | 507 | 94 | 430 | 584 | 03/13/2025 | 12:30 | LB135035 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICSAB01 | Nickel | 1010 | 954 | 106 | 810 | 1100 | 03/13/2025 | 12:30 | LB135035 |
| | Potassium | 79.0 | | | 0 | 0 | 03/13/2025 | 12:30 | LB135035 |
| | Selenium | 43.0 | 46.0 | 94 | 26 | 66 | 03/13/2025 | 12:30 | LB135035 |
| | Silver | 218 | 201 | 108 | 170 | 232 | 03/13/2025 | 12:30 | LB135035 |
| | Sodium | 93.6 | | | 0 | 0 | 03/13/2025 | 12:30 | LB135035 |
| | Thallium | 107 | 108 | 99 | 68 | 148 | 03/13/2025 | 12:30 | LB135035 |
| | Vanadium | 470 | 491 | 96 | 417 | 565 | 03/13/2025 | 12:30 | LB135035 |
| | Zinc | 1050 | 952 | 110 | 809 | 1095 | 03/13/2025 | 12:30 | LB135035 |

# METAL QC DATA

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# metals
## - 5a -
## MATRIX SPIKE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Solid **sample id:** Q1482-01 **client id:** OR-03-030425MS

**Percent Solids for Sample:** 90.8 **Spiked ID:** Q1482-01MS **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 7400 | | 6780 | | 97.0 | 638 | | P |
| Antimony | mg/Kg | 75 - 125 | 14.1 | | 2.39 | U | 38.8 | 36 | N | P |
| Arsenic | mg/Kg | 75 - 125 | 35.2 | | 2.23 | | 38.8 | 85 | | P |
| Barium | mg/Kg | 75 - 125 | 40.0 | | 28.9 | | 9.7 | 115 | | P |
| Beryllium | mg/Kg | 75 - 125 | 8.56 | | 0.40 | | 9.7 | 84 | | P |
| Cadmium | mg/Kg | 75 - 125 | 8.89 | | 0.29 | U | 9.7 | 92 | | P |
| Calcium | mg/Kg | 75 - 125 | 1110 | | 807 | | 48.5 | 630 | | P |
| Chromium | mg/Kg | 75 - 125 | 27.2 | | 9.62 | | 19.4 | 91 | | P |
| Cobalt | mg/Kg | 75 - 125 | 14.6 | | 4.92 | | 9.7 | 100 | | P |
| Copper | mg/Kg | 75 - 125 | 25.8 | | 13.3 | | 14.6 | 86 | | P |
| Iron | mg/Kg | 75 - 125 | 11300 | | 12100 | | 150 | -519 | | P |
| Lead | mg/Kg | 75 - 125 | 57.1 | | 9.00 | | 48.5 | 99 | | P |
| Magnesium | mg/Kg | 75 - 125 | 1920 | | 1710 | | 97.0 | 222 | | P |
| Manganese | mg/Kg | 75 - 125 | 162 | | 144 | | 9.7 | 183 | | P |
| Nickel | mg/Kg | 75 - 125 | 32.8 | | 9.43 | | 24.3 | 96 | | P |
| Potassium | mg/Kg | 75 - 125 | 930 | | 453 | | 490 | 97 | | P |
| Selenium | mg/Kg | 75 - 125 | 76.5 | | 0.42 | J | 97.0 | 78 | | P |
| Silver | mg/Kg | 75 - 125 | 4.47 | | 1.44 | | 3.6 | 84 | | P |
| Sodium | mg/Kg | 75 - 125 | 531 | | 332 | | 150 | 133 | N | P |
| Thallium | mg/Kg | 75 - 125 | 87.7 | | 0.50 | J | 97.0 | 90 | | P |
| Vanadium | mg/Kg | 75 - 125 | 30.2 | | 18.5 | | 14.6 | 80 | | P |
| Zinc | mg/Kg | 75 - 125 | 30.3 | | 20.5 | | 9.7 | 101 | | P |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Solid **sample id:** Q1482-01 **client id:** OR-03-030425MSD

**Percent Solids for Sample:** 90.8 **Spiked ID:** Q1482-01MSD **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 7320 | | 6780 | | 96.2 | 562 | | P |
| Antimony | mg/Kg | 75 - 125 | 14.2 | | 2.39 | U | 38.5 | 37 | N | P |
| Arsenic | mg/Kg | 75 - 125 | 35.7 | | 2.23 | | 38.5 | 87 | | P |
| Barium | mg/Kg | 75 - 125 | 39.3 | | 28.9 | | 9.6 | 109 | | P |
| Beryllium | mg/Kg | 75 - 125 | 8.48 | | 0.40 | | 9.6 | 84 | | P |
| Cadmium | mg/Kg | 75 - 125 | 8.98 | | 0.29 | U | 9.6 | 94 | | P |
| Calcium | mg/Kg | 75 - 125 | 1100 | | 807 | | 48.1 | 610 | | P |
| Chromium | mg/Kg | 75 - 125 | 26.9 | | 9.62 | | 19.2 | 90 | | P |
| Cobalt | mg/Kg | 75 - 125 | 14.6 | | 4.92 | | 9.6 | 101 | | P |
| Copper | mg/Kg | 75 - 125 | 26.2 | | 13.3 | | 14.4 | 89 | | P |
| Iron | mg/Kg | 75 - 125 | 11100 | | 12100 | | 140 | -703 | | P |
| Lead | mg/Kg | 75 - 125 | 57.5 | | 9.00 | | 48.1 | 101 | | P |
| Magnesium | mg/Kg | 75 - 125 | 1910 | | 1710 | | 96.2 | 210 | | P |
| Manganese | mg/Kg | 75 - 125 | 160 | | 144 | | 9.6 | 169 | | P |
| Nickel | mg/Kg | 75 - 125 | 32.9 | | 9.43 | | 24.0 | 98 | | P |
| Potassium | mg/Kg | 75 - 125 | 910 | | 453 | | 480 | 95 | | P |
| Selenium | mg/Kg | 75 - 125 | 77.5 | | 0.42 | J | 96.2 | 80 | | P |
| Silver | mg/Kg | 75 - 125 | 4.38 | | 1.44 | | 3.6 | 82 | | P |
| Sodium | mg/Kg | 75 - 125 | 518 | | 332 | | 140 | 133 | N | P |
| Thallium | mg/Kg | 75 - 125 | 87.8 | | 0.50 | J | 96.2 | 91 | | P |
| Vanadium | mg/Kg | 75 - 125 | 30.1 | | 18.5 | | 14.4 | 80 | | P |
| Zinc | mg/Kg | 75 - 125 | 29.9 | | 20.5 | | 9.6 | 98 | | P |

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# metals
## - 5a -
## MATRIX SPIKE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Water **sample id:** Q1488-14 **client id:** ENV-104-GW01MS

**Percent Solids for Sample:** NA **Spiked ID:** Q1488-14MS **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 75 - 125 | 3.90 | | 0.49 | | 4.0 | 85 | | CV |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Water **sample id:** Q1488-14 **client id:** ENV-104-GW01MSD

**Percent Solids for Sample:** NA **Spiked ID:** Q1488-14MSD **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 75 - 125 | 3.93 | | 0.49 | | 4.0 | 86 | | CV |

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# metals
## - 5a -
## MATRIX SPIKE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Water **sample id:** Q1494-01 **client id:** PURGE-WATERMS

**Percent Solids for Sample:** NA **Spiked ID:** Q1494-01MS **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 75 - 125 | 1170 | | 217 | | 1000 | 95 | | P |
| Antimony | ug/L | 75 - 125 | 402 | | 25.0 | U | 400 | 100 | | P |
| Arsenic | ug/L | 75 - 125 | 403 | | 10.0 | U | 400 | 101 | | P |
| Barium | ug/L | 75 - 125 | 135 | | 39.0 | J | 100 | 96 | | P |
| Beryllium | ug/L | 75 - 125 | 91.2 | | 3.00 | U | 100 | 91 | | P |
| Cadmium | ug/L | 75 - 125 | 94.6 | | 3.00 | U | 100 | 95 | | P |
| Calcium | ug/L | 75 - 125 | 25500 | | 24600 | | 500 | 177 | | P |
| Chromium | ug/L | 75 - 125 | 197 | | 1.05 | J | 200 | 98 | | P |
| Cobalt | ug/L | 75 - 125 | 98.0 | | 0.75 | J | 100 | 97 | | P |
| Copper | ug/L | 75 - 125 | 150 | | 10.0 | U | 150 | 100 | | P |
| Iron | ug/L | 75 - 125 | 6390 | | 4880 | | 1500 | 101 | | P |
| Lead | ug/L | 75 - 125 | 464 | | 6.00 | U | 500 | 93 | | P |
| Magnesium | ug/L | 75 - 125 | 7710 | | 6670 | | 1000 | 103 | | P |
| Manganese | ug/L | 75 - 125 | 1000 | | 891 | | 100 | 114 | | P |
| Nickel | ug/L | 75 - 125 | 244 | | 4.29 | J | 250 | 96 | | P |
| Potassium | ug/L | 75 - 125 | 10200 | | 4820 | | 5000 | 107 | | P |
| Selenium | ug/L | 75 - 125 | 939 | | 10.0 | U | 1000 | 94 | | P |
| Silver | ug/L | 75 - 125 | 15.0 | | 5.00 | U | 37.5 | 40 | N | P |
| Sodium | ug/L | 75 - 125 | 46500 | | 43200 | | 1500 | 220 | | P |
| Thallium | ug/L | 75 - 125 | 922 | | 20.0 | U | 1000 | 92 | | P |
| Vanadium | ug/L | 75 - 125 | 146 | | 20.0 | U | 150 | 97 | | P |
| Zinc | ug/L | 75 - 125 | 103 | | 20.0 | U | 100 | 103 | | P |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Water **sample id:** Q1494-01 **client id:** PURGE-WATERMSD

**Percent Solids for Sample:** NA **Spiked ID:** Q1494-01MSD **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 75 - 125 | 1170 | | 217 | | 1000 | 95 | | P |
| Antimony | ug/L | 75 - 125 | 398 | | 25.0 | U | 400 | 100 | | P |
| Arsenic | ug/L | 75 - 125 | 401 | | 10.0 | U | 400 | 100 | | P |
| Barium | ug/L | 75 - 125 | 134 | | 39.0 | J | 100 | 95 | | P |
| Beryllium | ug/L | 75 - 125 | 91.2 | | 3.00 | U | 100 | 91 | | P |
| Cadmium | ug/L | 75 - 125 | 94.6 | | 3.00 | U | 100 | 95 | | P |
| Calcium | ug/L | 75 - 125 | 25400 | | 24600 | | 500 | 166 | | P |
| Chromium | ug/L | 75 - 125 | 198 | | 1.05 | J | 200 | 98 | | P |
| Cobalt | ug/L | 75 - 125 | 97.9 | | 0.75 | J | 100 | 97 | | P |
| Copper | ug/L | 75 - 125 | 150 | | 10.0 | U | 150 | 100 | | P |
| Iron | ug/L | 75 - 125 | 6400 | | 4880 | | 1500 | 101 | | P |
| Lead | ug/L | 75 - 125 | 464 | | 6.00 | U | 500 | 93 | | P |
| Magnesium | ug/L | 75 - 125 | 7670 | | 6670 | | 1000 | 100 | | P |
| Manganese | ug/L | 75 - 125 | 1000 | | 891 | | 100 | 112 | | P |
| Nickel | ug/L | 75 - 125 | 244 | | 4.29 | J | 250 | 96 | | P |
| Potassium | ug/L | 75 - 125 | 10200 | | 4820 | | 5000 | 107 | | P |
| Selenium | ug/L | 75 - 125 | 933 | | 10.0 | U | 1000 | 93 | | P |
| Silver | ug/L | 75 - 125 | 15.1 | | 5.00 | U | 37.5 | 40 | N | P |
| Sodium | ug/L | 75 - 125 | 46900 | | 43200 | | 1500 | 245 | | P |
| Thallium | ug/L | 75 - 125 | 941 | | 20.0 | U | 1000 | 94 | | P |
| Vanadium | ug/L | 75 - 125 | 146 | | 20.0 | U | 150 | 97 | | P |
| Zinc | ug/L | 75 - 125 | 104 | | 20.0 | U | 100 | 104 | | P |

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# metals
## - 5a -
## MATRIX SPIKE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Solid **sample id:** Q1494-07 **client id:** SOIL-COMPMS

**Percent Solids for Sample:** 93.6 **Spiked ID:** Q1494-07MS **Percent Solids for Spike Sample:** 93.6

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 80 - 120 | 0.31 | | 0.013 | U | 0.26 | 118 | | CV |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE SUMMARY

**client:** Portal Partners Tri-Venture **level:** low **sdg no.:** Q1488

**contract:** PORT06 **lab code:** CHEM **case no.:** Q1488 **sas no.:** Q1488

**matrix:** Solid **sample id:** Q1494-07 **client id:** SOIL-COMPMSD

**Percent Solids for Sample:** 93.6 **Spiked ID:** Q1494-07MSD **Percent Solids for Spike Sample:** 93.6

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 80 - 120 | 0.29 | | 0.013 | U | 0.26 | 113 | | CV |

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# Metals
## - 5b -
## POST DIGEST SPIKE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Solid **Level:** LOW **Client ID:** OR-03-030425A

**Sample ID:** Q1482-01 **Spiked ID:** Q1482-01A

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | mg/Kg | 75 - 125 | 14.5 | | 2.39 | U | 38.3 | 38 | | P |
| Sodium | mg/Kg | 75 - 125 | 528 | | 332 | | 140 | 140 | | P |

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# Metals
## - 5b -
## POST DIGEST SPIKE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Water **Level:** LOW **Client ID:** PURGE-WATERA

**Sample ID:** Q1494-01 **Spiked ID:** Q1494-01A

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ug/L | 75 - 125 | 14.8 | | 5.00 | U | 37.5 | 40 | | P |

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Solid **Sample ID:** Q1482-01 **Client ID:** OR-03-030425DUP

**Percent Solids for Sample:** 90.8 **Duplicate ID** Q1482-01DUP **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 6780 | | 7320 | | 8 | | P |
| Antimony | mg/Kg | 20 | 2.39 | U | 2.57 | U | | | P |
| Arsenic | mg/Kg | 20 | 2.23 | | 2.11 | | 6 | | P |
| Barium | mg/Kg | 20 | 28.9 | | 30.8 | | 6 | | P |
| Beryllium | mg/Kg | 20 | 0.40 | | 0.44 | | 8 | | P |
| Cadmium | mg/Kg | 20 | 0.29 | U | 0.31 | U | | | P |
| Calcium | mg/Kg | 20 | 807 | | 867 | | 7 | | P |
| Chromium | mg/Kg | 20 | 9.62 | | 10.3 | | 7 | | P |
| Cobalt | mg/Kg | 20 | 4.92 | | 5.24 | | 6 | | P |
| Copper | mg/Kg | 20 | 13.3 | | 14.3 | | 7 | | P |
| Iron | mg/Kg | 20 | 12100 | | 12900 | | 6 | | P |
| Lead | mg/Kg | 20 | 9.00 | | 9.71 | | 8 | | P |
| Magnesium | mg/Kg | 20 | 1710 | | 1840 | | 7 | | P |
| Manganese | mg/Kg | 20 | 144 | | 155 | | 7 | | P |
| Nickel | mg/Kg | 20 | 9.43 | | 10.1 | | 7 | | P |
| Potassium | mg/Kg | 20 | 453 | | 478 | | 5 | | P |
| Selenium | mg/Kg | 20 | 0.42 | J | 1.03 | U | 200.0 | | P |
| Silver | mg/Kg | 20 | 1.44 | | 1.54 | | 7 | | P |
| Sodium | mg/Kg | 20 | 332 | | 350 | | 5 | | P |
| Thallium | mg/Kg | 20 | 0.50 | J | 0.60 | J | 19 | | P |
| Vanadium | mg/Kg | 20 | 18.5 | | 20.0 | | 8 | | P |
| Zinc | mg/Kg | 20 | 20.5 | | 22.0 | | 7 | | P |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Solid **Sample ID:** Q1482-01MS **Client ID:** OR-03-030425MSD

**Percent Solids for Sample:** 90.8 **Duplicate ID** Q1482-01MSD **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 7400 | | 7320 | | 1 | | P |
| Antimony | mg/Kg | 20 | 14.1 | | 14.2 | | 1 | | P |
| Arsenic | mg/Kg | 20 | 35.2 | | 35.7 | | 1 | | P |
| Barium | mg/Kg | 20 | 40.0 | | 39.3 | | 2 | | P |
| Beryllium | mg/Kg | 20 | 8.56 | | 8.48 | | 1 | | P |
| Cadmium | mg/Kg | 20 | 8.89 | | 8.98 | | 1 | | P |
| Calcium | mg/Kg | 20 | 1110 | | 1100 | | 1 | | P |
| Chromium | mg/Kg | 20 | 27.2 | | 26.9 | | 1 | | P |
| Cobalt | mg/Kg | 20 | 14.6 | | 14.6 | | 0 | | P |
| Copper | mg/Kg | 20 | 25.8 | | 26.2 | | 2 | | P |
| Iron | mg/Kg | 20 | 11300 | | 11100 | | 2 | | P |
| Lead | mg/Kg | 20 | 57.1 | | 57.5 | | 1 | | P |
| Magnesium | mg/Kg | 20 | 1920 | | 1910 | | 1 | | P |
| Manganese | mg/Kg | 20 | 162 | | 160 | | 1 | | P |
| Nickel | mg/Kg | 20 | 32.8 | | 32.9 | | 0 | | P |
| Potassium | mg/Kg | 20 | 930 | | 910 | | 2 | | P |
| Selenium | mg/Kg | 20 | 76.5 | | 77.5 | | 1 | | P |
| Silver | mg/Kg | 20 | 4.47 | | 4.38 | | 2 | | P |
| Sodium | mg/Kg | 20 | 531 | | 518 | | 2 | | P |
| Thallium | mg/Kg | 20 | 87.7 | | 87.8 | | 0 | | P |
| Vanadium | mg/Kg | 20 | 30.2 | | 30.1 | | 0 | | P |
| Zinc | mg/Kg | 20 | 30.3 | | 29.9 | | 1 | | P |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Water **Sample ID:** Q1488-14 **Client ID:** ENV-104-GW01DUP

**Percent Solids for Sample:** NA **Duplicate ID** Q1488-14DUP **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 20 | 0.49 | | 0.60 | | 21 | | CV |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Water **Sample ID:** Q1488-14MS **Client ID:** ENV-104-GW01MSD

**Percent Solids for Sample:** NA **Duplicate ID** Q1488-14MSD **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 20 | 3.90 | | 3.93 | | 1 | | CV |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Water **Sample ID:** Q1494-01 **Client ID:** PURGE-WATERDUP

**Percent Solids for Sample:** NA **Duplicate ID** Q1494-01DUP **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 20 | 217 | | 225 | | 4 | | P |
| Antimony | ug/L | 20 | 25.0 | U | 25.0 | U | | | P |
| Arsenic | ug/L | 20 | 10.0 | U | 10.0 | U | | | P |
| Barium | ug/L | 20 | 39.0 | J | 40.1 | J | 3 | | P |
| Beryllium | ug/L | 20 | 3.00 | U | 3.00 | U | | | P |
| Cadmium | ug/L | 20 | 3.00 | U | 3.00 | U | | | P |
| Calcium | ug/L | 20 | 24600 | | 24600 | | 0 | | P |
| Chromium | ug/L | 20 | 1.05 | J | 0.91 | J | 15 | | P |
| Cobalt | ug/L | 20 | 0.75 | J | 0.73 | J | 3 | | P |
| Copper | ug/L | 20 | 10.0 | U | 10.0 | U | | | P |
| Iron | ug/L | 20 | 4880 | | 4930 | | 1 | | P |
| Lead | ug/L | 20 | 6.00 | U | 6.00 | U | | | P |
| Magnesium | ug/L | 20 | 6670 | | 6670 | | 0 | | P |
| Manganese | ug/L | 20 | 891 | | 882 | | 1 | | P |
| Nickel | ug/L | 20 | 4.29 | J | 4.38 | J | 2 | | P |
| Potassium | ug/L | 20 | 4820 | | 4840 | | 0 | | P |
| Selenium | ug/L | 20 | 10.0 | U | 10.0 | U | | | P |
| Silver | ug/L | 20 | 5.00 | U | 5.00 | U | | | P |
| Sodium | ug/L | 20 | 43200 | | 43100 | | 0 | | P |
| Thallium | ug/L | 20 | 20.0 | U | 20.0 | U | | | P |
| Vanadium | ug/L | 20 | 20.0 | U | 20.0 | U | | | P |
| Zinc | ug/L | 20 | 20.0 | U | 20.0 | U | | | P |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Water **Sample ID:** Q1494-01MS **Client ID:** PURGE-WATERMSD

**Percent Solids for Sample:** NA **Duplicate ID** Q1494-01MSD **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 20 | 1170 | | 1170 | | 0 | | P |
| Antimony | ug/L | 20 | 402 | | 398 | | 1 | | P |
| Arsenic | ug/L | 20 | 403 | | 401 | | 0 | | P |
| Barium | ug/L | 20 | 135 | | 134 | | 1 | | P |
| Beryllium | ug/L | 20 | 91.2 | | 91.2 | | 0 | | P |
| Cadmium | ug/L | 20 | 94.6 | | 94.6 | | 0 | | P |
| Calcium | ug/L | 20 | 25500 | | 25400 | | 0 | | P |
| Chromium | ug/L | 20 | 197 | | 198 | | 1 | | P |
| Cobalt | ug/L | 20 | 98.0 | | 97.9 | | 0 | | P |
| Copper | ug/L | 20 | 150 | | 150 | | 0 | | P |
| Iron | ug/L | 20 | 6390 | | 6400 | | 0 | | P |
| Lead | ug/L | 20 | 464 | | 464 | | 0 | | P |
| Magnesium | ug/L | 20 | 7710 | | 7670 | | 1 | | P |
| Manganese | ug/L | 20 | 1000 | | 1000 | | 0 | | P |
| Nickel | ug/L | 20 | 244 | | 244 | | 0 | | P |
| Potassium | ug/L | 20 | 10200 | | 10200 | | 0 | | P |
| Selenium | ug/L | 20 | 939 | | 933 | | 1 | | P |
| Silver | ug/L | 20 | 15.0 | | 15.1 | | 1 | | P |
| Sodium | ug/L | 20 | 46500 | | 46900 | | 1 | | P |
| Thallium | ug/L | 20 | 922 | | 941 | | 2 | | P |
| Vanadium | ug/L | 20 | 146 | | 146 | | 0 | | P |
| Zinc | ug/L | 20 | 103 | | 104 | | 1 | | P |

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# Metals

## - 6 -
## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Solid **Sample ID:** Q1494-07 **Client ID:** SOIL-COMPDUP

**Percent Solids for Sample:** 93.6 **Duplicate ID** Q1494-07DUP **Percent Solids for Spike Sample:** 93.6

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 20 | 0.013 | U | 0.014 | U | | | CV |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -
## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Matrix:** Solid **Sample ID:** Q1494-07MS **Client ID:** SOIL-COMPMSD

**Percent Solids for Sample:** 93.6 **Duplicate ID** Q1494-07MSD **Percent Solids for Spike Sample:** 93.6

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 20 | 0.31 | | 0.29 | | 4 | | CV |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB166977BS | | | | | | | |
| Aluminum | mg/Kg | 99.5 | 97.4 | | 98 | 80 - 120 | P |
| Antimony | mg/Kg | 39.8 | 39.3 | | 99 | 80 - 120 | P |
| Arsenic | mg/Kg | 39.8 | 39.2 | | 98 | 80 - 120 | P |
| Barium | mg/Kg | 10.0 | 8.73 | | 87 | 80 - 120 | P |
| Beryllium | mg/Kg | 10.0 | 9.52 | | 95 | 80 - 120 | P |
| Cadmium | mg/Kg | 10.0 | 9.17 | | 92 | 80 - 120 | P |
| Calcium | mg/Kg | 49.8 | 48.4 | J | 97 | 80 - 120 | P |
| Chromium | mg/Kg | 19.9 | 21.0 | | 106 | 80 - 120 | P |
| Cobalt | mg/Kg | 10.0 | 9.37 | | 94 | 80 - 120 | P |
| Copper | mg/Kg | 14.9 | 15.1 | | 101 | 80 - 120 | P |
| Iron | mg/Kg | 150 | 146 | | 97 | 80 - 120 | P |
| Lead | mg/Kg | 49.8 | 47.0 | | 94 | 80 - 120 | P |
| Magnesium | mg/Kg | 99.5 | 93.9 | J | 94 | 80 - 120 | P |
| Manganese | mg/Kg | 10.0 | 9.27 | | 93 | 80 - 120 | P |
| Nickel | mg/Kg | 24.9 | 23.4 | | 94 | 80 - 120 | P |
| Potassium | mg/Kg | 500 | 467 | | 93 | 80 - 120 | P |
| Selenium | mg/Kg | 99.5 | 95.1 | | 96 | 80 - 120 | P |
| Silver | mg/Kg | 3.7 | 3.85 | | 104 | 80 - 120 | P |
| Sodium | mg/Kg | 150 | 152 | | 101 | 80 - 120 | P |
| Thallium | mg/Kg | 99.5 | 101 | | 102 | 80 - 120 | P |
| Vanadium | mg/Kg | 14.9 | 14.3 | | 96 | 80 - 120 | P |
| Zinc | mg/Kg | 10.0 | 10.4 | | 104 | 80 - 120 | P |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB166987BS | | | | | | | |
| Mercury | ug/L | 4.0 | 3.95 | | 99 | 80 - 120 | CV |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB167002BS | | | | | | | |
| Aluminum | ug/L | 1000 | 901 | | 90 | 80 - 120 | P |
| Antimony | ug/L | 400 | 381 | | 95 | 80 - 120 | P |
| Arsenic | ug/L | 400 | 382 | | 96 | 80 - 120 | P |
| Barium | ug/L | 100 | 91.2 | | 91 | 80 - 120 | P |
| Beryllium | ug/L | 100 | 93.1 | | 93 | 80 - 120 | P |
| Cadmium | ug/L | 100 | 91.0 | | 91 | 80 - 120 | P |
| Calcium | ug/L | 500 | 442 | J | 88 | 80 - 120 | P |
| Chromium | ug/L | 200 | 187 | | 94 | 80 - 120 | P |
| Cobalt | ug/L | 100 | 92.9 | | 93 | 80 - 120 | P |
| Copper | ug/L | 150 | 149 | | 99 | 80 - 120 | P |
| Iron | ug/L | 1500 | 1390 | | 93 | 80 - 120 | P |
| Lead | ug/L | 500 | 461 | | 92 | 80 - 120 | P |
| Magnesium | ug/L | 1000 | 904 | J | 90 | 80 - 120 | P |
| Manganese | ug/L | 100 | 94.2 | | 94 | 80 - 120 | P |
| Nickel | ug/L | 250 | 231 | | 92 | 80 - 120 | P |
| Potassium | ug/L | 5000 | 4520 | | 90 | 80 - 120 | P |
| Selenium | ug/L | 1000 | 926 | | 93 | 80 - 120 | P |
| Silver | ug/L | 37.5 | 35.7 | | 95 | 80 - 120 | P |
| Sodium | ug/L | 1500 | 1350 | | 90 | 80 - 120 | P |
| Thallium | ug/L | 1000 | 967 | | 97 | 80 - 120 | P |
| Vanadium | ug/L | 150 | 138 | | 92 | 80 - 120 | P |
| Zinc | ug/L | 100 | 93.2 | | 93 | 80 - 120 | P |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB167021BS | | | | | | | |
| Mercury | mg/Kg | 0.25 | 0.25 | | 99 | 80 - 120 | CV |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

OR-03-030425L

**Lab Name:** Chemtech Consulting Group **Contract:** PORT06

**Lab Code:** CHEM **Lb No.:** lb134928 **Lab Sample ID :** Q1482-01L **SDG No.:** Q1488

**Matrix (soil/water):** Solid **Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Aluminum | 6780 | | 7540 | | 11 | | P |
| Antimony | 2.39 | U | 12.0 | U | | | P |
| Arsenic | 2.23 | | 2.89 | J | 30 | | P |
| Barium | 28.9 | | 31.9 | | 11 | | P |
| Beryllium | 0.40 | | 0.48 | J | 21 | | P |
| Cadmium | 0.29 | U | 1.44 | U | | | P |
| Calcium | 807 | | 928 | | 15 | | P |
| Chromium | 9.62 | | 10.8 | | 13 | | P |
| Cobalt | 4.92 | | 4.82 | J | 2 | | P |
| Copper | 13.3 | | 15.6 | | 17 | | P |
| Iron | 12100 | | 13400 | | 11 | | P |
| Lead | 9.00 | | 9.93 | | 10 | | P |
| Magnesium | 1710 | | 1940 | | 14 | | P |
| Manganese | 144 | | 169 | | 17 | | P |
| Nickel | 9.43 | | 9.40 | J | 0 | | P |
| Potassium | 453 | | 472 | J | 4 | | P |
| Selenium | 0.42 | J | 4.79 | U | 100.0 | | P |
| Silver | 1.44 | | 1.55 | J | 8 | | P |
| Sodium | 332 | | 358 | J | 8 | | P |
| Thallium | 0.50 | J | 9.58 | U | 100.0 | | P |
| Vanadium | 18.5 | | 21.1 | | 14 | | P |
| Zinc | 20.5 | | 23.2 | | 13 | | P |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

ENV-104-GW01L

**Lab Name:** Chemtech Consulting Group **Contract:** PORT06

**Lab Code:** CHEM **Lb No.:** lb134901 **Lab Sample ID :** Q1488-14L **SDG No.:** Q1488

**Matrix (soil/water):** Water **Level (low/med):** LOW

**Concentration Units:** ug/L

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Mercury | 0.49 | | 1.00 | U | 100.0 | | CV |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

PURGE-WATERL

**Lab Name:** Chemtech Consulting Group **Contract:** PORT06

**Lab Code:** CHEM **Lb No.:** lb134987 **Lab Sample ID :** Q1494-01L **SDG No.:** Q1488

**Matrix (soil/water):** Water **Level (low/med):** LOW

**Concentration Units:** ug/L

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Aluminum | 217 | | 286 | | 31 | | P |
| Antimony | 25.0 | U | 125 | U | | | P |
| Arsenic | 10.0 | U | 50.0 | U | | | P |
| Barium | 39.0 | J | 37.2 | J | 5 | | P |
| Beryllium | 3.00 | U | 15.0 | U | | | P |
| Cadmium | 3.00 | U | 15.0 | U | | | P |
| Calcium | 24600 | | 25100 | | 2 | | P |
| Chromium | 1.05 | J | 25.0 | U | 100.0 | | P |
| Cobalt | 0.75 | J | 75.0 | U | 100.0 | | P |
| Copper | 10.0 | U | 50.0 | U | | | P |
| Iron | 4880 | | 4830 | | 1 | | P |
| Lead | 6.00 | U | 30.0 | U | | | P |
| Magnesium | 6670 | | 6870 | | 3 | | P |
| Manganese | 891 | | 923 | | 4 | | P |
| Nickel | 4.29 | J | 100 | U | 100.0 | | P |
| Potassium | 4820 | | 4450 | J | 8 | | P |
| Selenium | 10.0 | U | 50.0 | U | | | P |
| Silver | 5.00 | U | 25.0 | U | | | P |
| Sodium | 43200 | | 41900 | | 3 | | P |
| Thallium | 20.0 | U | 100 | U | | | P |
| Vanadium | 20.0 | U | 100 | U | | | P |
| Zinc | 20.0 | U | 100 | U | | | P |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

SOIL-COMPL

**Lab Name:** Chemtech Consulting Group **Contract:** PORT06

**Lab Code:** CHEM **Lb No.:** lb134917 **Lab Sample ID :** Q1494-07L **SDG No.:** Q1488

**Matrix (soil/water):** Solid **Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Mercury | 0.013 | U | 0.067 | U | | | CV |

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# metals
## - 14 -
## ANALYSIS RUN LOG

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB134901

**Start date:** 03/05/2025 **End date:** 03/05/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1138 | HG |
| S0.2 | S0.2 | 1 | 1140 | HG |
| S2.5 | S2.5 | 1 | 1143 | HG |
| S5 | S5 | 1 | 1145 | HG |
| S7.5 | S7.5 | 1 | 1147 | HG |
| S10 | S10 | 1 | 1152 | HG |
| ICV31 | ICV31 | 1 | 1155 | HG |
| ICB31 | ICB31 | 1 | 1157 | HG |
| CCV62 | CCV62 | 1 | 1200 | HG |
| CCB62 | CCB62 | 1 | 1202 | HG |
| CRA | CRA | 1 | 1207 | HG |
| PB166987BL | PB166987BL | 1 | 1216 | HG |
| PB166987BS | PB166987BS | 1 | 1218 | HG |
| Q1488-14 | ENV-104-GW01 | 1 | 1228 | HG |
| Q1488-14DUP | ENV-104-GW01DUP | 1 | 1230 | HG |
| CCV63 | CCV63 | 1 | 1232 | HG |
| CCB63 | CCB63 | 1 | 1235 | HG |
| Q1488-14MS | ENV-104-GW01MS | 1 | 1237 | HG |
| Q1488-14MSD | ENV-104-GW01MSD | 1 | 1239 | HG |
| Q1488-14L | ENV-104-GW01L | 5 | 1242 | HG |
| Q1488-13 | ENV-102-GW01 | 5 | 1246 | HG |
| CCV64 | CCV64 | 1 | 1248 | HG |
| CCB64 | CCB64 | 1 | 1251 | HG |

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**metals**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB134917

**Start date:** 03/06/2025 **End date:** 03/06/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1110 | HG |
| S0.2 | S0.2 | 1 | 1113 | HG |
| S2.5 | S2.5 | 1 | 1115 | HG |
| S5 | S5 | 1 | 1117 | HG |
| S7.5 | S7.5 | 1 | 1119 | HG |
| S10 | S10 | 1 | 1125 | HG |
| ICV33 | ICV33 | 1 | 1127 | HG |
| ICB33 | ICB33 | 1 | 1133 | HG |
| CCV69 | CCV69 | 1 | 1135 | HG |
| CCB69 | CCB69 | 1 | 1140 | HG |
| CRA | CRA | 1 | 1142 | HG |
| PB167021BL | PB167021BL | 1 | 1152 | HG |
| PB167021BS | PB167021BS | 1 | 1154 | HG |
| Q1488-01 | ENV-101-SB01 | 1 | 1156 | HG |
| Q1488-03 | ENV-101-SB02 | 1 | 1158 | HG |
| Q1488-05 | ENV-102-SB01 | 1 | 1201 | HG |
| Q1488-07 | ENV-102-SB02 | 1 | 1203 | HG |
| Q1488-09 | ENV-104-SB01 | 1 | 1205 | HG |
| CCV70 | CCV70 | 1 | 1208 | HG |
| CCB70 | CCB70 | 1 | 1210 | HG |
| Q1488-11 | ENV-104-SB02 | 1 | 1212 | HG |
| Q1494-07DUP | SOIL-COMPDUP | 1 | 1224 | HG |
| Q1494-07MS | SOIL-COMPMS | 1 | 1226 | HG |
| Q1494-07MSD | SOIL-COMPMSD | 1 | 1228 | HG |
| Q1494-07L | SOIL-COMPL | 5 | 1230 | HG |
| CCV71 | CCV71 | 1 | 1235 | HG |
| CCB71 | CCB71 | 1 | 1240 | HG |

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# metals
## - 14 -
## ANALYSIS RUN LOG

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB134928

**Start date:** 03/06/2025 **End date:** 03/06/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1019 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1024 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2 | S2 | 1 | 1028 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3 | S3 | 1 | 1032 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4 | S4 | 1 | 1037 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5 | S5 | 1 | 1041 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1050 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01 | LLICV01 | 1 | 1138 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01 | ICB01 | 1 | 1143 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01 | CRI01 | 1 | 1147 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01 | ICSA01 | 1 | 1151 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01 | ICSAB01 | 1 | 1204 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01 | CCV01 | 1 | 1219 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01 | CCB01 | 1 | 1223 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02 | CCV02 | 1 | 1310 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02 | CCB02 | 1 | 1314 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03 | CCV03 | 1 | 1400 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03 | CCB03 | 1 | 1405 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1482-01DUP | OR-03-030425DUP | 1 | 1426 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1482-01L | OR-03-030425L | 5 | 1430 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1482-01MS | OR-03-030425MS | 1 | 1434 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1482-01MSD | OR-03-030425MSD | 1 | 1438 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1482-01A | OR-03-030425A | 1 | 1442 | Na,Sb |
| CCV04 | CCV04 | 1 | 1450 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04 | CCB04 | 1 | 1454 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05 | CCV05 | 1 | 1553 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05 | CCB05 | 1 | 1557 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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**metals**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB134987

**Start date:** 03/11/2025 **End date:** 03/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1019 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1024 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2 | S2 | 1 | 1028 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3 | S3 | 1 | 1032 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4 | S4 | 1 | 1036 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5 | S5 | 1 | 1041 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1050 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01 | LLICV01 | 1 | 1054 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01 | ICB01 | 1 | 1058 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01 | CRI01 | 1 | 1102 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01 | ICSA01 | 1 | 1106 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01 | ICSAB01 | 1 | 1111 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01 | CCV01 | 1 | 1129 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01 | CCB01 | 1 | 1134 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02 | CCV02 | 1 | 1219 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02 | CCB02 | 1 | 1223 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03 | CCV03 | 1 | 1310 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03 | CCB03 | 1 | 1314 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1494-01DUP | PURGE-WATERDUP | 1 | 1326 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1494-01L | PURGE-WATERL | 5 | 1331 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1494-01MS | PURGE-WATERMS | 1 | 1335 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1494-01MSD | PURGE-WATERMSD | 1 | 1339 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1494-01A | PURGE-WATERA | 1 | 1343 | Ag |
| PB167002BL | PB167002BL | 1 | 1355 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167002BS | PB167002BS | 1 | 1400 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04 | CCV04 | 1 | 1408 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04 | CCB04 | 1 | 1413 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05 | CCV05 | 1 | 1500 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05 | CCB05 | 1 | 1504 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06 | CCV06 | 1 | 1550 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06 | CCB06 | 1 | 1554 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07 | CCV07 | 1 | 1642 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07 | CCB07 | 1 | 1646 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV08 | CCV08 | 1 | 1734 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB08 | CCB08 | 1 | 1738 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV09 | CCV09 | 1 | 1826 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB09 | CCB09 | 1 | 1830 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV10 | CCV10 | 1 | 1914 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB10 | CCB10 | 1 | 1918 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV11 | CCV11 | 1 | 1926 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB11 | CCB11 | 1 | 1931 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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**metals**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB134987

**Start date:** 03/11/2025 **End date:** 03/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| CCV12 | CCV12 | 1 | 1939 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB12 | CCB12 | 1 | 1949 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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# metals
## - 14 -
## ANALYSIS RUN LOG

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB135011

**Start date:** 03/12/2025 **End date:** 03/12/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1027 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1031 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2 | S2 | 1 | 1035 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3 | S3 | 1 | 1039 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4 | S4 | 1 | 1044 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5 | S5 | 1 | 1048 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1052 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01 | LLICV01 | 1 | 1056 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01 | ICB01 | 1 | 1101 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01 | CRI01 | 1 | 1105 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01 | ICSA01 | 1 | 1109 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01 | ICSAB01 | 1 | 1114 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01 | CCV01 | 1 | 1129 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01 | CCB01 | 1 | 1134 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02 | CCV02 | 1 | 1220 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02 | CCB02 | 1 | 1224 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB166977BL | PB166977BL | 1 | 1228 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB166977BS | PB166977BS | 1 | 1233 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03 | CCV03 | 1 | 1310 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03 | CCB03 | 1 | 1314 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04 | CCV04 | 1 | 1424 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04 | CCB04 | 1 | 1428 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05 | CCV05 | 1 | 1525 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05 | CCB05 | 1 | 1529 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06 | CCV06 | 1 | 1625 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06 | CCB06 | 1 | 1630 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07 | CCV07 | 1 | 1725 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07 | CCB07 | 1 | 1730 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV08 | CCV08 | 1 | 1823 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB08 | CCB08 | 1 | 1827 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV09 | CCV09 | 1 | 1849 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB09 | CCB09 | 1 | 1853 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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# metals
## - 14 -
## ANALYSIS RUN LOG

**Client:** Portal Partners Tri-Venture **Contract:** PORT06

**Lab code:** CHEM **Case no.:** Q1488 **Sas no.:** Q1488 **Sdg no.:** Q1488

**Instrument id number:** **Method:** **Run number:** LB135035

**Start date:** 03/13/2025 **End date:** 03/13/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1142 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1146 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2 | S2 | 1 | 1150 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3 | S3 | 1 | 1154 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4 | S4 | 1 | 1159 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5 | S5 | 1 | 1203 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1207 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01 | LLICV01 | 1 | 1213 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01 | ICB01 | 1 | 1217 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01 | CRI01 | 1 | 1221 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01 | ICSA01 | 1 | 1225 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01 | ICSAB01 | 1 | 1230 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01 | CCV01 | 1 | 1253 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01 | CCB01 | 1 | 1258 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02 | CCV02 | 1 | 1349 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02 | CCB02 | 1 | 1354 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-14 | ENV-104-GW01 | 1 | 1407 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-01 | ENV-101-SB01 | 1 | 1411 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-03 | ENV-101-SB02 | 1 | 1415 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-05 | ENV-102-SB01 | 1 | 1419 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-07 | ENV-102-SB02 | 1 | 1423 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-09 | ENV-104-SB01 | 1 | 1427 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-11 | ENV-104-SB02 | 1 | 1431 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03 | CCV03 | 1 | 1440 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03 | CCB03 | 1 | 1448 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04 | CCV04 | 1 | 1538 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04 | CCB04 | 1 | 1542 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05 | CCV05 | 1 | 1628 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05 | CCB05 | 1 | 1632 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06 | CCV06 | 1 | 1721 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06 | CCB06 | 1 | 1725 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-13 | ENV-102-GW01 | 10 | 1804 | Ag |
| CCV07 | CCV07 | 1 | 1812 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07 | CCB07 | 1 | 1835 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1488-13 | ENV-102-GW01 | 1 | 1839 | Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV08 | CCV08 | 1 | 1853 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB08 | CCB08 | 1 | 1903 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV09 | CCV09 | 1 | 1912 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB09 | CCB09 | 1 | 1921 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

# METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Al | Ca | Fe | Mg | Ag |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | -0.0002060 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000930 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0007850 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | -0.0000920 | 0.0000000 | 0.0000380 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0001050 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: As | Ba | Be | Cd | Co |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead | 220.353 | 0.0000000 | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Cr | Cu | K | Mn | Mo |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000590 | 0.0000000 | 0.0396900 |
| Antimony | 206.833 | 0.0122000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | -0.0029000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0004900 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0007860 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000730 | 0.0000000 | -0.0015250 |
| Lead | 220.353 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000120 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0017400 | -0.0100400 |
| Vanadium | 292.402 | -0.0025100 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0072000 |
| Zinc | 213.800 | 0.0000000 | 0.0009010 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Na | Ni | Pb | Sb | Se |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | 0.0000000 | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0067600 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1488 **SAS No.:** Q1488

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Sn | Ti | Tl | V | Zn |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | -0.0035600 | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000630 | 0.0001280 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0001110 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0018800 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0003840 | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | 0.0000000 | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | -0.0007420 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0005320 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q1488 | **OrderDate:** | 3/4/2025 3:39:00 PM |
| **Client:** | Portal Partners Tri-Venture | **Project:** | Amtrak Sawtooth Bridges 2025 |
| **Contact:** | Joseph Krupansky | **Location:** | H31,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q1488-01** | **ENV-101-SB01** | **SOIL** | | | **03/04/25** | | | **03/04/25** |
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 | |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 | |
| **Q1488-02** | **ENV-101-SB01** | **TCLP** | | | **03/04/25** | | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/11/25 | |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 | |
| **Q1488-03** | **ENV-101-SB02** | **SOIL** | | | **03/04/25** | | | **03/04/25** |
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 | |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 | |
| **Q1488-04** | **ENV-101-SB02** | **TCLP** | | | **03/04/25** | | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/13/25 | |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 | |
| **Q1488-05** | **ENV-102-SB01** | **SOIL** | | | **03/04/25** | | | **03/04/25** |
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 | |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 | |
| **Q1488-06** | **ENV-102-SB01** | **TCLP** | | | **03/04/25** | | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/13/25 | |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 | |
| **Q1488-07** | **ENV-102-SB02** | **SOIL** | | | **03/04/25** | | | **03/04/25** |
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 | |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 | |
| **Q1488-08** | **ENV-102-SB02** | **TCLP** | | | **03/04/25** | | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/13/25 | |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 | |
| **Q1488-09** | **ENV-104-SB01** | **SOIL** | | | **03/04/25** | | | **03/04/25** |

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# LAB CHRONICLE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 |
| **Q1488-10** | **ENV-104-SB01** | **TCLP** | | | **03/04/25** | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/13/25 |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 |
| **Q1488-11** | **ENV-104-SB02** | **SOIL** | | | **03/04/25** | | **03/04/25** |
| | | | Mercury | 7471B | | 03/05/25 | 03/06/25 |
| | | | Metals ICP-TAL | 6010D | | 03/05/25 | 03/13/25 |
| **Q1488-12** | **ENV-104-SB02** | **TCLP** | | | **03/04/25** | | **03/04/25** |
| | | | TCLP ICP Metals | 6010D | | 03/10/25 | 03/13/25 |
| | | | TCLP Mercury | 7470A | | 03/07/25 | 03/10/25 |
| **Q1488-13** | **ENV-102-GW01** | **Water** | | | **03/04/25** | | **03/04/25** |
| | | | Mercury | 7470A | | 03/05/25 | 03/05/25 |
| | | | Metals ICP-TAL | 6010D | | 03/06/25 | 03/13/25 |
| **Q1488-14** | **ENV-104-GW01** | **Water** | | | **03/04/25** | | **03/04/25** |
| | | | Mercury | 7470A | | 03/05/25 | 03/05/25 |
| | | | Metals ICP-TAL | 6010D | | 03/06/25 | 03/13/25 |

# METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Method:**

**Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB166977** | | | | | | |
| PB166977BL | PB166977BL | MB | SOLID | 03/05/2025 | 2.04 | 100.0 | 100.00 |
| PB166977BS | PB166977BS | LCS | SOLID | 03/05/2025 | 2.01 | 100.0 | 100.00 |
| Q1482-01DUP | OR-03-030425DUP | DUP | SOLID | 03/05/2025 | 2.14 | 100.0 | 90.80 |
| Q1482-01MS | OR-03-030425MS | MS | SOLID | 03/05/2025 | 2.27 | 100.0 | 90.80 |
| Q1482-01MSD | OR-03-030425MSD | MSD | SOLID | 03/05/2025 | 2.29 | 100.0 | 90.80 |
| Q1488-01 | ENV-101-SB01 | SAM | SOLID | 03/05/2025 | 2.23 | 100.0 | 88.50 |
| Q1488-03 | ENV-101-SB02 | SAM | SOLID | 03/05/2025 | 2.15 | 100.0 | 90.60 |
| Q1488-05 | ENV-102-SB01 | SAM | SOLID | 03/05/2025 | 2.17 | 100.0 | 85.70 |
| Q1488-07 | ENV-102-SB02 | SAM | SOLID | 03/05/2025 | 2.20 | 100.0 | 80.10 |
| Q1488-09 | ENV-104-SB01 | SAM | SOLID | 03/05/2025 | 2.47 | 100.0 | 82.60 |
| Q1488-11 | ENV-104-SB02 | SAM | SOLID | 03/05/2025 | 2.27 | 100.0 | 81.10 |

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# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Method:**

**Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB166987** | | | | | | |
| PB166987BL | PB166987BL | MB | WATER | 03/05/2025 | 30.0 | 30.0 | |
| PB166987BS | PB166987BS | LCS | WATER | 03/05/2025 | 30.0 | 30.0 | |
| Q1488-13 | ENV-102-GW01 | SAM | WATER | 03/05/2025 | 30.0 | 30.0 | |
| Q1488-14 | ENV-104-GW01 | SAM | WATER | 03/05/2025 | 30.0 | 30.0 | |
| Q1488-14DUP | ENV-104-GW01DUP | DUP | WATER | 03/05/2025 | 30.0 | 30.0 | |
| Q1488-14MS | ENV-104-GW01MS | MS | WATER | 03/05/2025 | 30.0 | 30.0 | |
| Q1488-14MSD | ENV-104-GW01MSD | MSD | WATER | 03/05/2025 | 30.0 | 30.0 | |

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Fax : 908 789 8922

# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Method:**

**Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB167002** | | | | | | |
| PB167002BL | PB167002BL | MB | WATER | 03/06/2025 | 50.0 | 25.0 | |
| PB167002BS | PB167002BS | LCS | WATER | 03/06/2025 | 50.0 | 25.0 | |
| Q1488-13 | ENV-102-GW01 | SAM | WATER | 03/06/2025 | 50.0 | 25.0 | |
| Q1488-14 | ENV-104-GW01 | SAM | WATER | 03/06/2025 | 50.0 | 25.0 | |
| Q1494-01DUP | PURGE-WATERDUP | DUP | WATER | 03/06/2025 | 50.0 | 25.0 | |
| Q1494-01MS | PURGE-WATERMS | MS | WATER | 03/06/2025 | 50.0 | 25.0 | |
| Q1494-01MSD | PURGE-WATERMSD | MSD | WATER | 03/06/2025 | 50.0 | 25.0 | |

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# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1488

**Contract:** PORT06 **Lab Code:** CHEM **Method:**

**Case No.:** Q1488 **SAS No.:** Q1488

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB167021** | | | | | | |
| PB167021BL | PB167021BL | MB | SOLID | 03/05/2025 | 0.52 | 35.0 | 100.00 |
| PB167021BS | PB167021BS | LCS | SOLID | 03/05/2025 | 0.57 | 35.0 | 100.00 |
| Q1488-01 | ENV-101-SB01 | SAM | SOLID | 03/05/2025 | 0.53 | 35.0 | 88.50 |
| Q1488-03 | ENV-101-SB02 | SAM | SOLID | 03/05/2025 | 0.54 | 35.0 | 90.60 |
| Q1488-05 | ENV-102-SB01 | SAM | SOLID | 03/05/2025 | 0.57 | 35.0 | 85.70 |
| Q1488-07 | ENV-102-SB02 | SAM | SOLID | 03/05/2025 | 0.55 | 35.0 | 80.10 |
| Q1488-09 | ENV-104-SB01 | SAM | SOLID | 03/05/2025 | 0.54 | 35.0 | 82.60 |
| Q1488-11 | ENV-104-SB02 | SAM | SOLID | 03/05/2025 | 0.55 | 35.0 | 81.10 |
| Q1494-07DUP | SOIL-COMPDUP | DUP | SOLID | 03/05/2025 | 0.54 | 35.0 | 93.60 |
| Q1494-07MS | SOIL-COMPMS | MS | SOLID | 03/05/2025 | 0.57 | 35.0 | 93.60 |
| Q1494-07MSD | SOIL-COMPMSD | MSD | SOLID | 03/05/2025 | 0.58 | 35.0 | 93.60 |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134901

| | | | |
|---|---|---|---|
| Review By | Mohan | Review On | 3/6/2025 12:21:36 PM |
| Supervise By | kareem | Supervise On | 3/6/2025 3:11:21 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84760,MP84761,MP84762,MP84763,MP84764,MP84765 |
| ICV Standard | MP84766 |
| CCV Standard | MP84768 |
| ICSA Standard | |
| CRI Standard | MP84770 |
| LCS Standard | |
| Chk Standard | MP84767,MP84769,MP84771,MP84773 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/05/25 11:38 | | Mohan | OK |
| 2 | S0.2 | S0.2 | CAL2 | 03/05/25 11:40 | | Mohan | OK |
| 3 | S2.5 | S2.5 | CAL3 | 03/05/25 11:43 | | Mohan | OK |
| 4 | S5 | S5 | CAL4 | 03/05/25 11:45 | | Mohan | OK |
| 5 | S7.5 | S7.5 | CAL5 | 03/05/25 11:47 | | Mohan | OK |
| 6 | S10 | S10 | CAL6 | 03/05/25 11:52 | | Mohan | OK |
| 7 | ICV31 | ICV31 | ICV | 03/05/25 11:55 | | Mohan | OK |
| 8 | ICB31 | ICB31 | ICB | 03/05/25 11:57 | | Mohan | OK |
| 9 | CCV62 | CCV62 | CCV | 03/05/25 12:00 | | Mohan | OK |
| 10 | CCB62 | CCB62 | CCB | 03/05/25 12:02 | | Mohan | OK |
| 11 | CRA | CRA | CRDL | 03/05/25 12:07 | | Mohan | OK |
| 12 | HighStd | HighStd | HIGH STD | 03/05/25 12:09 | | Mohan | OK |
| 13 | ChkStd | ChkStd | SAM | 03/05/25 12:11 | | Mohan | OK |
| 14 | PB166987BL | PB166987BL | MB | 03/05/25 12:16 | | Mohan | OK |
| 15 | PB166987BS | PB166987BS | LCS | 03/05/25 12:18 | | Mohan | OK |
| 16 | Q1476-01 | TRE-25-0014 | SAM | 03/05/25 12:21 | | Mohan | OK |
| 17 | Q1480-33 | TP-3-WATER-SAMPL | SAM | 03/05/25 12:23 | | Mohan | OK |
| 18 | Q1488-13 | ENV-102-GW01 | SAM | 03/05/25 12:25 | High | Mohan | Dilution |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134901

| | | | |
|---|---|---|---|
| Review By | Mohan | Review On | 3/6/2025 12:21:36 PM |
| Supervise By | kareem | Supervise On | 3/6/2025 3:11:21 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84760,MP84761,MP84762,MP84763,MP84764,MP84765 |
| ICV Standard | MP84766 |
| CCV Standard | MP84768 |
| ICSA Standard | |
| CRI Standard | MP84770 |
| LCS Standard | |
| Chk Standard | MP84767,MP84769,MP84771,MP84773 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1488-14 | ENV-104-GW01 | SAM | 03/05/25 12:28 | | Mohan | OK |
| 20 | Q1488-14DUP | ENV-104-GW01DUP | DUP | 03/05/25 12:30 | | Mohan | OK |
| 21 | CCV63 | CCV63 | CCV | 03/05/25 12:32 | | Mohan | OK |
| 22 | CCB63 | CCB63 | CCB | 03/05/25 12:35 | | Mohan | OK |
| 23 | Q1488-14MS | ENV-104-GW01MS | MS | 03/05/25 12:37 | | Mohan | OK |
| 24 | Q1488-14MSD | ENV-104-GW01MSD | MSD | 03/05/25 12:39 | | Mohan | OK |
| 25 | Q1488-14L | ENV-104-GW01L | SD | 03/05/25 12:42 | | Mohan | OK |
| 26 | Q1488-14A | ENV-104-GW01A | PS | 03/05/25 12:44 | | Mohan | OK |
| 27 | Q1488-13DL | ENV-102-GW01DL | SAM | 03/05/25 12:46 | Report 5X | Mohan | Confirms |
| 28 | CCV64 | CCV64 | CCV | 03/05/25 12:48 | | Mohan | OK |
| 29 | CCB64 | CCB64 | CCB | 03/05/25 12:51 | | Mohan | OK |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134917

| | | | |
|---|---|---|---|
| Review By | Mohan | Review On | 3/7/2025 9:11:27 AM |
| Supervise By | jaswal | Supervise On | 3/7/2025 9:06:28 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84777,MP84778,MP84779,MP84780,MP84781,MP84782 |
| ICV Standard | MP84783 |
| CCV Standard | MP84785 |
| ICSA Standard | |
| CRI Standard | MP84787 |
| LCS Standard | |
| Chk Standard | MP84784,MP84786,MP84788,MP84790 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/06/25 11:10 | | Mohan | OK |
| 2 | S0.2 | S0.2 | CAL2 | 03/06/25 11:13 | | Mohan | OK |
| 3 | S2.5 | S2.5 | CAL3 | 03/06/25 11:15 | | Mohan | OK |
| 4 | S5 | S5 | CAL4 | 03/06/25 11:17 | | Mohan | OK |
| 5 | S7.5 | S7.5 | CAL5 | 03/06/25 11:19 | | Mohan | OK |
| 6 | S10 | S10 | CAL6 | 03/06/25 11:25 | | Mohan | OK |
| 7 | ICV33 | ICV33 | ICV | 03/06/25 11:27 | | Mohan | OK |
| 8 | ICB33 | ICB33 | ICB | 03/06/25 11:33 | | Mohan | OK |
| 9 | CCV69 | CCV69 | CCV | 03/06/25 11:35 | | Mohan | OK |
| 10 | CCB69 | CCB69 | CCB | 03/06/25 11:40 | | Mohan | OK |
| 11 | CRA | CRA | CRDL | 03/06/25 11:42 | | Mohan | OK |
| 12 | HighStd | HighStd | HIGH STD | 03/06/25 11:44 | | Mohan | OK |
| 13 | ChkStd | ChkStd | SAM | 03/06/25 11:47 | | Mohan | OK |
| 14 | PB167021BL | PB167021BL | MB | 03/06/25 11:52 | | Mohan | OK |
| 15 | PB167021BS | PB167021BS | LCS | 03/06/25 11:54 | | Mohan | OK |
| 16 | Q1488-01 | ENV-101-SB01 | SAM | 03/06/25 11:56 | | Mohan | OK |
| 17 | Q1488-03 | ENV-101-SB02 | SAM | 03/06/25 11:58 | | Mohan | OK |
| 18 | Q1488-05 | ENV-102-SB01 | SAM | 03/06/25 12:01 | | Mohan | OK |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134917

| | | | |
|---|---|---|---|
| Review By | Mohan | Review On | 3/7/2025 9:11:27 AM |
| Supervise By | jaswal | Supervise On | 3/7/2025 9:06:28 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84777,MP84778,MP84779,MP84780,MP84781,MP84782 |
| ICV Standard | MP84783 |
| CCV Standard | MP84785 |
| ICSA Standard | |
| CRI Standard | MP84787 |
| LCS Standard | |
| Chk Standard | MP84784,MP84786,MP84788,MP84790 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1488-07 | ENV-102-SB02 | SAM | 03/06/25 12:03 | | Mohan | OK |
| 20 | Q1488-09 | ENV-104-SB01 | SAM | 03/06/25 12:05 | | Mohan | OK |
| 21 | CCV70 | CCV70 | CCV | 03/06/25 12:08 | | Mohan | OK |
| 22 | CCB70 | CCB70 | CCB | 03/06/25 12:10 | | Mohan | OK |
| 23 | Q1488-11 | ENV-104-SB02 | SAM | 03/06/25 12:12 | | Mohan | OK |
| 24 | Q1490-01 | CLAY-SLUDGE-DRUI | SAM | 03/06/25 12:14 | | Mohan | OK |
| 25 | Q1494-03 | ASPHALT-SOIL | SAM | 03/06/25 12:17 | | Mohan | OK |
| 26 | Q1494-05 | SOIL | SAM | 03/06/25 12:19 | | Mohan | OK |
| 27 | Q1494-07 | SOIL-COMP | SAM | 03/06/25 12:21 | | Mohan | OK |
| 28 | Q1494-07DUP | SOIL-COMPDUP | DUP | 03/06/25 12:24 | | Mohan | OK |
| 29 | Q1494-07MS | SOIL-COMPMS | MS | 03/06/25 12:26 | | Mohan | OK |
| 30 | Q1494-07MSD | SOIL-COMPMSD | MSD | 03/06/25 12:28 | | Mohan | OK |
| 31 | Q1494-07L | SOIL-COMPL | SD | 03/06/25 12:30 | | Mohan | OK |
| 32 | Q1494-07A | SOIL-COMPA | PS | 03/06/25 12:33 | | Mohan | OK |
| 33 | CCV71 | CCV71 | CCV | 03/06/25 12:35 | | Mohan | OK |
| 34 | CCB71 | CCB71 | CCB | 03/06/25 12:40 | | Mohan | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134928

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/7/2025 12:31:36 PM |
| Supervise By | Janvi | Supervise On | 3/12/2025 10:18:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84642 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84642 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/06/25 10:19 | | Kareem | OK |
| 2 | S1 | S1 | CAL2 | 03/06/25 10:24 | | Kareem | OK |
| 3 | S2 | S2 | CAL3 | 03/06/25 10:28 | | Kareem | OK |
| 4 | S3 | S3 | CAL4 | 03/06/25 10:32 | | Kareem | OK |
| 5 | S4 | S4 | CAL5 | 03/06/25 10:37 | | Kareem | OK |
| 6 | S5 | S5 | CAL6 | 03/06/25 10:41 | | Kareem | OK |
| 7 | ICV01 | ICV01 | ICV | 03/06/25 10:50 | | Kareem | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 03/06/25 11:38 | | Kareem | OK |
| 9 | ICB01 | ICB01 | ICB | 03/06/25 11:43 | | Kareem | OK |
| 10 | CRI01 | CRI01 | CRDL | 03/06/25 11:47 | | Kareem | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 03/06/25 11:51 | | Kareem | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 03/06/25 12:04 | | Kareem | OK |
| 13 | ICSADL | ICSADL | ICSA | 03/06/25 12:10 | | Kareem | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 03/06/25 12:14 | | Kareem | OK |
| 15 | CCV01 | CCV01 | CCV | 03/06/25 12:19 | | Kareem | OK |
| 16 | CCB01 | CCB01 | CCB | 03/06/25 12:23 | | Kareem | OK |
| 17 | Q1464-01 | COMP-1 | SAM | 03/06/25 12:27 | | Kareem | OK |
| 18 | Q1464-02 | COMP-2 | SAM | 03/06/25 12:32 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134928

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/7/2025 12:31:36 PM |
| Supervise By | Janvi | Supervise On | 3/12/2025 10:18:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84642 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84642 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1465-01 | ST-OILY-DEBRIS | SAM | 03/06/25 12:36 | | Kareem | OK |
| 20 | Q1480-33 | TP-3-WATER-SAMPL | SAM | 03/06/25 12:40 | | Kareem | OK |
| 21 | Q1489-01 | TP-1 | SAM | 03/06/25 12:45 | | Kareem | OK |
| 22 | Q1489-05 | TP-2 | SAM | 03/06/25 12:49 | | Kareem | OK |
| 23 | Q1489-09 | TP-3 | SAM | 03/06/25 12:53 | | Kareem | OK |
| 24 | Q1489-13 | TP-4 | SAM | 03/06/25 12:57 | | Kareem | OK |
| 25 | Q1465-01DUP | ST-OILY-DEBRISDUP | DUP | 03/06/25 13:01 | | Kareem | OK |
| 26 | Q1465-01L | ST-OILY-DEBRISL | SD | 03/06/25 13:05 | | Kareem | OK |
| 27 | CCV02 | CCV02 | CCV | 03/06/25 13:10 | | Kareem | OK |
| 28 | CCB02 | CCB02 | CCB | 03/06/25 13:14 | | Kareem | OK |
| 29 | Q1465-01MS | ST-OILY-DEBRISMS | MS | 03/06/25 13:18 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 30 | Q1465-01MSD | ST-OILY-DEBRISMSD | MSD | 03/06/25 13:22 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 31 | Q1465-01A | ST-OILY-DEBRISA | PS | 03/06/25 13:27 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 32 | PB166947BL-RE | PB166947BL-RE | MB | 03/06/25 13:31 | Not Use | Kareem | Not Ok |
| 33 | PB166947BS | PB166947BS | LCS | 03/06/25 13:35 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 34 | Q1410-01 | KITCHEN-TAP | SAM | 03/06/25 13:39 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134928

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/7/2025 12:31:36 PM |
| Supervise By | Janvi | Supervise On | 3/12/2025 10:18:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84642 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84642 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 35 | Q1410-01DUP | KITCHEN-TAPDUP | DUP | 03/06/25 13:43 | | Kareem | OK |
| 36 | Q1410-01L | KITCHEN-TAPL | SD | 03/06/25 13:48 | | Kareem | OK |
| 37 | Q1410-01MS | KITCHEN-TAPMS | MS | 03/06/25 13:52 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 38 | Q1410-01MSD | KITCHEN-TAPMSD | MSD | 03/06/25 13:56 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 39 | CCV03 | CCV03 | CCV | 03/06/25 14:00 | | Kareem | OK |
| 40 | CCB03 | CCB03 | CCB | 03/06/25 14:05 | | Kareem | OK |
| 41 | Q1410-01A | KITCHEN-TAPA | PS | 03/06/25 14:09 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 42 | PB166847BL | PB166847BL | MB | 03/06/25 14:13 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 43 | PB166847BS | PB166847BS | LCS | 03/06/25 14:17 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 44 | Q1482-01 | OR-03-030425 | SAM | 03/06/25 14:22 | | Kareem | OK |
| 45 | Q1482-01DUP | OR-03-030425DUP | DUP | 03/06/25 14:26 | | Kareem | OK |
| 46 | Q1482-01L | OR-03-030425L | SD | 03/06/25 14:30 | | Kareem | OK |
| 47 | Q1482-01MS | OR-03-030425MS | MS | 03/06/25 14:34 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 48 | Q1482-01MSD | OR-03-030425MSD | MSD | 03/06/25 14:38 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134928

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/7/2025 12:31:36 PM |
| Supervise By | Janvi | Supervise On | 3/12/2025 10:18:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84642 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84642 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 49 | Q1482-01A | OR-03-030425A | PS | 03/06/25 14:42 | 0.1 ML M6003 M6011 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 50 | Q1484-01 | TR-OTR-COMP-01 | SAM | 03/06/25 14:46 | | Kareem | OK |
| 51 | CCV04 | CCV04 | CCV | 03/06/25 14:50 | | Kareem | OK |
| 52 | CCB04 | CCB04 | CCB | 03/06/25 14:54 | | Kareem | OK |
| 53 | LR1 | LR1 | HIGH STD | 03/06/25 15:04 | | Kareem | OK |
| 54 | PB166947BL | PB166947BL | MB | 03/06/25 15:09 | | Kareem | OK |
| 55 | Q1484-06 | TR-OTR-COMP-01 | SAM | 03/06/25 15:13 | | Kareem | OK |
| 56 | Q1480-08 | TP-1 | SAM | 03/06/25 15:17 | Need to confirm (Ba) | Kareem | OK |
| 57 | Q1480-16 | TP-2 | SAM | 03/06/25 15:27 | Need to confirm (Ba) | Kareem | OK |
| 58 | Q1480-24 | TP-3 | SAM | 03/06/25 15:31 | Need to confirm (Ba,Zn) | Kareem | OK |
| 59 | Q1480-32 | TP-4 | SAM | 03/06/25 15:35 | Need to confirm (Ba,Zn) | Kareem | OK |
| 60 | LR2 | LR2 | HIGH STD | 03/06/25 15:49 | | Kareem | OK |
| 61 | CCV05 | CCV05 | CCV | 03/06/25 15:53 | | Kareem | OK |
| 62 | CCB05 | CCB05 | CCB | 03/06/25 15:57 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/11/25 10:19 | | Kareem | OK |
| 2 | S1 | S1 | CAL2 | 03/11/25 10:24 | | Kareem | OK |
| 3 | S2 | S2 | CAL3 | 03/11/25 10:28 | | Kareem | OK |
| 4 | S3 | S3 | CAL4 | 03/11/25 10:32 | | Kareem | OK |
| 5 | S4 | S4 | CAL5 | 03/11/25 10:36 | | Kareem | OK |
| 6 | S5 | S5 | CAL6 | 03/11/25 10:41 | | Kareem | OK |
| 7 | ICV01 | ICV01 | ICV | 03/11/25 10:50 | | Kareem | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 03/11/25 10:54 | | Kareem | OK |
| 9 | ICB01 | ICB01 | ICB | 03/11/25 10:58 | | Kareem | OK |
| 10 | CRI01 | CRI01 | CRDL | 03/11/25 11:02 | | Kareem | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 03/11/25 11:06 | | Kareem | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 03/11/25 11:11 | | Kareem | OK |
| 13 | ICSADL | ICSADL | ICSA | 03/11/25 11:15 | | Kareem | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 03/11/25 11:19 | | Kareem | OK |
| 15 | CCV01 | CCV01 | CCV | 03/11/25 11:29 | | Kareem | OK |
| 16 | CCB01 | CCB01 | CCB | 03/11/25 11:34 | | Kareem | OK |
| 17 | Q1421-04 | P001-CLAY-CF01-01 | SAM | 03/11/25 11:38 | | Kareem | OK |
| 18 | Q1421-04DUP | P001-CLAY-CF01-01D | DUP | 03/11/25 11:42 | | Kareem | OK |

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Fax : 908 789 8922

**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1421-04L | P001-CLAY-CF01-01L | SD | 03/11/25 11:46 | | Kareem | OK |
| 20 | Q1421-05 | P001-CLAY-CF01-01M | MS | 03/11/25 11:51 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 21 | Q1421-06 | P001-CLAY-CF01-01M | MSD | 03/11/25 11:55 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 22 | Q1421-04A | P001-CLAY-CF01-01A | PS | 03/11/25 11:59 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 23 | Q1490-01 | MS | SAM | 03/11/25 12:02 | | Kareem | OK |
| 24 | Q1490-02 | MS | SAM | 03/11/25 12:07 | | Kareem | OK |
| 25 | Q1494-03 | ASPHALT-SOIL | SAM | 03/11/25 12:11 | | Kareem | OK |
| 26 | Q1494-05 | SOIL | SAM | 03/11/25 12:15 | | Kareem | OK |
| 27 | CCV02 | CCV02 | CCV | 03/11/25 12:19 | | Kareem | OK |
| 28 | CCB02 | CCB02 | CCB | 03/11/25 12:23 | | Kareem | OK |
| 29 | Q1494-07 | SOIL-COMP | SAM | 03/11/25 12:28 | | Kareem | OK |
| 30 | Q1494-07DUP | SOIL-COMPDUP | DUP | 03/11/25 12:32 | | Kareem | OK |
| 31 | Q1494-07L | SOIL-COMPL | SD | 03/11/25 12:36 | | Kareem | OK |
| 32 | Q1494-07MS | SOIL-COMPMS | MS | 03/11/25 12:40 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 33 | Q1494-07MSD | SOIL-COMPMSD | MSD | 03/11/25 12:44 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| | | | | | | | |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 34 | Q1494-07ARE | SOIL-COMPA | PS | 03/11/25 12:48 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 35 | Q1494-04 | ASPHALT-SOIL | SAM | 03/11/25 12:52 | | Kareem | OK |
| 36 | Q1494-06 | SOIL | SAM | 03/11/25 12:57 | | Kareem | OK |
| 37 | Q1494-08 | SOIL-COMP | SAM | 03/11/25 13:01 | | Kareem | OK |
| 38 | PB167004BL | PB167004BL | MB | 03/11/25 13:05 | | Kareem | OK |
| 39 | CCV03 | CCV03 | CCV | 03/11/25 13:10 | | Kareem | OK |
| 40 | CCB03 | CCB03 | CCB | 03/11/25 13:14 | | Kareem | OK |
| 41 | PB167004BS | PB167004BS | LCS | 03/11/25 13:18 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 42 | Q1494-01 | PURGE-WATER | SAM | 03/11/25 13:22 | | Kareem | OK |
| 43 | Q1494-01DUP | PURGE-WATERDUP | DUP | 03/11/25 13:26 | | Kareem | OK |
| 44 | Q1494-01L | PURGE-WATERL | SD | 03/11/25 13:31 | | Kareem | OK |
| 45 | Q1494-01MS | PURGE-WATERMS | MS | 03/11/25 13:35 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 46 | Q1494-01MSD | PURGE-WATERMSD | MSD | 03/11/25 13:39 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 47 | Q1494-01A | PURGE-WATERA | PS | 03/11/25 13:43 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 48 | PB167002BL | PB167002BL | MB | 03/11/25 13:55 | | Kareem | OK |
| | | | | | | | |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 49 | PB167002BS | PB167002BS | LCS | 03/11/25 14:00 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 50 | Q1499-01 | 402 | SAM | 03/11/25 14:04 | | Kareem | OK |
| 51 | CCV04 | CCV04 | CCV | 03/11/25 14:08 | | Kareem | OK |
| 52 | CCB04 | CCB04 | CCB | 03/11/25 14:13 | | Kareem | OK |
| 53 | Q1499-01DUP | 402DUP | DUP | 03/11/25 14:17 | | Kareem | OK |
| 54 | Q1499-01L | 402L | SD | 03/11/25 14:21 | | Kareem | OK |
| 55 | Q1499-01MS | 402MS | MS | 03/11/25 14:26 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 56 | Q1499-01MSD | 402MSD | MSD | 03/11/25 14:30 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 57 | Q1499-01A | 402A | PS | 03/11/25 14:34 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 58 | Q1488-02 | ENV-101-SB01 | SAM | 03/11/25 14:38 | | Kareem | OK |
| 59 | Q1415-06 | B-173-GW01 | SAM | 03/11/25 14:43 | | Kareem | OK |
| 60 | Q1415-06DUP | B-173-GW01DUP | DUP | 03/11/25 14:47 | | Kareem | OK |
| 61 | Q1415-06L | B-173-GW01L | SD | 03/11/25 14:52 | | Kareem | OK |
| 62 | Q1415-06MS | B-173-GW01MS | MS | 03/11/25 14:56 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 63 | CCV05 | CCV05 | CCV | 03/11/25 15:00 | | Kareem | OK |
| 64 | CCB05 | CCB05 | CCB | 03/11/25 15:04 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

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|---|---|---|---|---|---|---|---|
| 65 | Q1415-06MSD | B-173-GW01MSD | MSD | 03/11/25 15:09 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 66 | Q1415-06A | B-173-GW01A | PS | 03/11/25 15:13 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 67 | Q1534-01 | OR-636-COMP-16 | SAM | 03/11/25 15:17 | | Kareem | OK |
| 68 | Q1534-07 | OR-636-COMP-17 | SAM | 03/11/25 15:21 | | Kareem | OK |
| 69 | Q1534-13 | OR-636-COMP-18 | SAM | 03/11/25 15:25 | | Kareem | OK |
| 70 | Q1534-19 | OR-636-COMP-19 | SAM | 03/11/25 15:29 | | Kareem | OK |
| 71 | Q1535-01 | SU-03-03102025 | SAM | 03/11/25 15:33 | | Kareem | OK |
| 72 | Q1535-01DUP | SU-03-03102025DUP | DUP | 03/11/25 15:37 | | Kareem | OK |
| 73 | Q1535-01L | SU-03-03102025L | SD | 03/11/25 15:41 | | Kareem | OK |
| 74 | Q1535-01MS | SU-03-03102025MS | MS | 03/11/25 15:46 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 75 | CCV06 | CCV06 | CCV | 03/11/25 15:50 | | Kareem | OK |
| 76 | CCB06 | CCB06 | CCB | 03/11/25 15:54 | | Kareem | OK |
| 77 | Q1535-01MSD | SU-03-03102025MSD | MSD | 03/11/25 16:00 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 78 | Q1537-01 | COMP-1 | SAM | 03/11/25 16:08 | | Kareem | OK |
| 79 | Q1537-02 | COMP-2 | SAM | 03/11/25 16:12 | | Kareem | OK |
| 80 | Q1537-03 | COMP-3 | SAM | 03/11/25 16:17 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

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|---|---|---|---|---|---|---|---|
| 81 | PB167081BL | PB167081BL | MB | 03/11/25 16:21 | | Kareem | OK |
| 82 | PB167081BS | PB167081BS | LCS | 03/11/25 16:25 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 83 | Q1541-01 | 205703 | SAM | 03/11/25 16:29 | | Kareem | OK |
| 84 | Q1541-01DUP | 205703DUP | DUP | 03/11/25 16:34 | | Kareem | OK |
| 85 | Q1541-01L | 205703L | SD | 03/11/25 16:38 | | Kareem | OK |
| 86 | CCV07 | CCV07 | CCV | 03/11/25 16:42 | | Kareem | OK |
| 87 | CCB07 | CCB07 | CCB | 03/11/25 16:46 | | Kareem | OK |
| 88 | Q1541-01MS | 205703MS | MS | 03/11/25 16:51 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 89 | Q1541-01MSD | 205703MSD | MSD | 03/11/25 16:55 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 90 | Q1541-01A | 205703A | PS | 03/11/25 16:59 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 91 | PB167084BL | PB167084BL | MB | 03/11/25 17:03 | | Kareem | OK |
| 92 | PB167084BS | PB167084BS | LCS | 03/11/25 17:07 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 93 | PB167049TB | PB167049TB | MB | 03/11/25 17:12 | | Kareem | OK |
| 94 | Q1523-03 | WC-A1-01-C | SAM | 03/11/25 17:16 | | Kareem | OK |
| 95 | Q1523-06 | WC-A2-02-C | SAM | 03/11/25 17:20 | | Kareem | OK |
| 96 | Q1534-06 | OR-636-COMP-16 | SAM | 03/11/25 17:25 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 97 | Q1534-12 | OR-636-COMP-17 | SAM | 03/11/25 17:29 | | Kareem | OK |
| 98 | CCV08 | CCV08 | CCV | 03/11/25 17:34 | | Kareem | OK |
| 99 | CCB08 | CCB08 | CCB | 03/11/25 17:38 | | Kareem | OK |
| 100 | Q1534-18 | OR-636-COMP-18 | SAM | 03/11/25 17:42 | | Kareem | OK |
| 101 | Q1534-24 | OR-636-COMP-19 | SAM | 03/11/25 17:47 | | Kareem | OK |
| 102 | Q1537-05 | COMP-1 | SAM | 03/11/25 17:51 | | Kareem | OK |
| 103 | Q1537-06 | COMP-2 | SAM | 03/11/25 17:55 | | Kareem | OK |
| 104 | Q1537-07 | COMP-3 | SAM | 03/11/25 18:00 | | Kareem | OK |
| 105 | Q1537-07DUP | COMP-3DUP | DUP | 03/11/25 18:04 | | Kareem | OK |
| 106 | Q1537-07L | COMP-3L | SD | 03/11/25 18:09 | | Kareem | OK |
| 107 | Q1537-07MS | COMP-3MS | MS | 03/11/25 18:13 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 108 | Q1537-07MSD | COMP-3MSD | MSD | 03/11/25 18:18 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 109 | Q1537-07A | COMP-3A | PS | 03/11/25 18:22 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 110 | CCV09 | CCV09 | CCV | 03/11/25 18:26 | | Kareem | OK |
| 111 | CCB09 | CCB09 | CCB | 03/11/25 18:30 | | Kareem | OK |
| 112 | Q1535-01A | SU-03-03102025A | PS | 03/11/25 18:35 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134987

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/11/2025 3:30:40 PM |
| Supervise By | jaswal | Supervise On | 3/11/2025 3:32:56 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 113 | Q1494-07A | SOIL-COMPA | PS | 03/11/25 18:39 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 114 | PB167092BL | PB167092BL | MB | 03/11/25 18:43 | | Kareem | OK |
| 115 | PB167092BS | PB167092BS | LCS | 03/11/25 18:47 | 0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 116 | P3652-03 | P3652-01 - LIVONIA-S | SAM | 03/11/25 18:51 | NOT USE | Kareem | Not Ok |
| 117 | PB167020TB | PB167020TB | MB | 03/11/25 18:55 | | Kareem | OK |
| 118 | LR1 | LR1 | HIGH STD | 03/11/25 18:59 | | Kareem | OK |
| 119 | LR2 | LR2 | HIGH STD | 03/11/25 19:04 | | Kareem | OK |
| 120 | CCV10 | CCV10 | CCV | 03/11/25 19:14 | | Kareem | OK |
| 121 | CCB10 | CCB10 | CCB | 03/11/25 19:18 | | Kareem | OK |
| 122 | Q1538-01L | BELL-25-0004L | SD | 03/11/25 19:22 | Method 6020B Sample in login | Kareem | Not Ok |
| 123 | CCV11 | CCV11 | CCV | 03/11/25 19:26 | | Kareem | OK |
| 124 | CCB11 | CCB11 | CCB | 03/11/25 19:31 | | Kareem | OK |
| 125 | Q1538-01 | BELL-25-0004 | SAM | 03/11/25 19:35 | Method 6020B Sample in login | Kareem | Not Ok |
| 126 | CCV12 | CCV12 | CCV | 03/11/25 19:39 | | Kareem | OK |
| 127 | CCB12 | CCB12 | CCB | 03/11/25 19:49 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/12/25 10:27 | | Kareem | OK |
| 2 | S1 | S1 | CAL2 | 03/12/25 10:31 | | Kareem | OK |
| 3 | S2 | S2 | CAL3 | 03/12/25 10:35 | | Kareem | OK |
| 4 | S3 | S3 | CAL4 | 03/12/25 10:39 | | Kareem | OK |
| 5 | S4 | S4 | CAL5 | 03/12/25 10:44 | | Kareem | OK |
| 6 | S5 | S5 | CAL6 | 03/12/25 10:48 | | Kareem | OK |
| 7 | ICV01 | ICV01 | ICV | 03/12/25 10:52 | ICV As,Be,Tl,Zn (200.7) | Kareem | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 03/12/25 10:56 | | Kareem | OK |
| 9 | ICB01 | ICB01 | ICB | 03/12/25 11:01 | | Kareem | OK |
| 10 | CRI01 | CRI01 | CRDL | 03/12/25 11:05 | | Kareem | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 03/12/25 11:09 | | Kareem | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 03/12/25 11:14 | | Kareem | OK |
| 13 | ICSADL | ICSADL | ICSA | 03/12/25 11:21 | | Kareem | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 03/12/25 11:25 | | Kareem | OK |
| 15 | CCV01 | CCV01 | CCV | 03/12/25 11:29 | | Kareem | OK |
| 16 | CCB01 | CCB01 | CCB | 03/12/25 11:34 | | Kareem | OK |
| 17 | PB167037BL | PB167037BL | MB | 03/12/25 11:38 | | Kareem | OK |
| 18 | PB167037BS | PB167037BS | LCS | 03/12/25 11:42 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |

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Fax : 908 789 8922

**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | PB166981BL | PB166981BL | MB | 03/12/25 11:46 | | Kareem | OK |
| 20 | PB166981BS | PB166981BS | LCS | 03/12/25 11:51 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 21 | PB167038BL | PB167038BL | MB | 03/12/25 11:55 | | Kareem | OK |
| 22 | PB167038BS | PB167038BS | LCS | 03/12/25 11:59 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 23 | PB167024BL | PB167024BL | MB | 03/12/25 12:03 | | Kareem | OK |
| 24 | PB167024BS | PB167024BS | LCS | 03/12/25 12:07 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 25 | PB167100BL | PB167100BL | MB | 03/12/25 12:11 | | Kareem | OK |
| 26 | PB167100BS | PB167100BS | LCS | 03/12/25 12:16 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 27 | CCV02 | CCV02 | CCV | 03/12/25 12:20 | | Kareem | OK |
| 28 | CCB02 | CCB02 | CCB | 03/12/25 12:24 | | Kareem | OK |
| 29 | PB166977BL | PB166977BL | MB | 03/12/25 12:28 | | Kareem | OK |
| 30 | PB166977BS | PB166977BS | LCS | 03/12/25 12:33 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 31 | PB166963BL | PB166963BL | MB | 03/12/25 12:37 | Not Use | Kareem | Not Ok |
| 32 | PB166963BS | PB166963BS | LCS | 03/12/25 12:41 | Not Use | Kareem | Not Ok |
| 33 | Q1466-05 | CITY WATER | SAM | 03/12/25 12:49 | | Kareem | OK |
| 34 | Q1466-05DUP | CITY WATERDUP | DUP | 03/12/25 12:53 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 35 | Q1466-05L | CITY WATERL | SD | 03/12/25 12:58 | | Kareem | OK |
| 36 | Q1466-05MS | CITY WATERMS | MS | 03/12/25 13:02 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 37 | Q1466-05MSD | CITY WATERMSD | MSD | 03/12/25 13:06 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 38 | CCV03 | CCV03 | CCV | 03/12/25 13:10 | | Kareem | OK |
| 39 | CCB03 | CCB03 | CCB | 03/12/25 13:14 | | Kareem | OK |
| 40 | Q1466-05A | CITY WATERA | PS | 03/12/25 13:18 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 41 | Q1507-01 | 50-MIDDLESEX-AVE | SAM | 03/12/25 13:22 | | Kareem | OK |
| 42 | Q1508-01 | RBR251372 | SAM | 03/12/25 13:27 | | Kareem | OK |
| 43 | Q1510-01 | FMC-25-0001-0005 | SAM | 03/12/25 13:31 | | Kareem | OK |
| 44 | PB167098BL | PB167098BL | MB | 03/12/25 13:59 | | Kareem | OK |
| 45 | PB167098BS | PB167098BS | LCS | 03/12/25 14:03 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 46 | PB167099BL | PB167099BL | MB | 03/12/25 14:07 | | Kareem | OK |
| 47 | PB167099BS | PB167099BS | LCS | 03/12/25 14:12 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 48 | Q1515-01 | AU-06-030625 | SAM | 03/12/25 14:16 | | Kareem | OK |
| 49 | Q1515-01DUP | AU-06-030625DUP | DUP | 03/12/25 14:20 | | Kareem | OK |
| 50 | CCV04 | CCV04 | CCV | 03/12/25 14:24 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 51 | CCB04 | CCB04 | CCB | 03/12/25 14:28 | | Kareem | OK |
| 52 | Q1540-01 | OU4-CF-15R-031025 | SAM | 03/12/25 14:32 | | Kareem | OK |
| 53 | Q1540-01DUP | OU4-CF-15R-031025 | DUP | 03/12/25 14:37 | | Kareem | OK |
| 54 | Q1540-01L | OU4-CF-15R-031025 | SD | 03/12/25 14:41 | | Kareem | OK |
| 55 | Q1540-01A | OU4-CF-15R-031025 | PS | 03/12/25 14:58 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 56 | PB167088TB | PB167088TB | MB | 03/12/25 15:02 | | Kareem | OK |
| 57 | Q1545-01 | BU-02-031125 | SAM | 03/12/25 15:06 | | Kareem | OK |
| 58 | Q1545-01DUP | BU-02-031125DUP | DUP | 03/12/25 15:11 | | Kareem | OK |
| 59 | Q1545-01L | BU-02-031125L | SD | 03/12/25 15:15 | | Kareem | OK |
| 60 | CCV05 | CCV05 | CCV | 03/12/25 15:25 | | Kareem | OK |
| 61 | CCB05 | CCB05 | CCB | 03/12/25 15:29 | | Kareem | OK |
| 62 | Q1545-01MS | BU-02-031125MS | MS | 03/12/25 15:33 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 63 | Q1545-01MSD | BU-02-031125MSD | MSD | 03/12/25 15:37 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 64 | Q1545-01A | BU-02-031125A | PS | 03/12/25 15:41 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 65 | Q1547-01 | OR-620-JB-COMP-01 | SAM | 03/12/25 15:45 | | Kareem | OK |
| 66 | Q1547-06 | OR-620-JB-COMP-02 | SAM | 03/12/25 15:49 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 67 | Q1549-01 | 72-11978 | SAM | 03/12/25 15:54 | | Kareem | OK |
| 68 | Q1515-01L | AU-06-030625L | SD | 03/12/25 15:58 | | Kareem | OK |
| 69 | Q1515-01MS | AU-06-030625MS | MS | 03/12/25 16:02 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 70 | Q1515-01MSD | AU-06-030625MSD | MSD | 03/12/25 16:06 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 71 | Q1515-01A | AU-06-030625A | PS | 03/12/25 16:10 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 72 | CCV06 | CCV06 | CCV | 03/12/25 16:25 | | Kareem | OK |
| 73 | CCB06 | CCB06 | CCB | 03/12/25 16:30 | | Kareem | OK |
| 74 | Q1540-01MS | OU4-CF-15R-031025I | MS | 03/12/25 16:34 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 75 | Q1540-01MSD | OU4-CF-15R-031025I | MSD | 03/12/25 16:38 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 76 | Q1516-03 | GAS-AUD-25-0026 | SAM | 03/12/25 16:42 | | Kareem | OK |
| 77 | Q1519-01 | WATER TREATMENT | SAM | 03/12/25 16:47 | | Kareem | OK |
| 78 | LR1 | LR1 | HIGH STD | 03/12/25 16:53 | | Kareem | OK |
| 79 | LR2 | LR2 | HIGH STD | 03/12/25 16:58 | | Kareem | OK |
| 80 | Q1517-01DL | MOO-25-0062DL | SAM | 03/12/25 17:02 | | Kareem | OK |
| 81 | Q1522-02 | TW-WTS-04 | SAM | 03/12/25 17:07 | | Kareem | OK |
| 82 | Q1522-02DUP | TW-WTS-04DUP | DUP | 03/12/25 17:11 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 83 | Q1522-02L | TW-WTS-04L | SD | 03/12/25 17:16 | | Kareem | OK |
| 84 | CCV07 | CCV07 | CCV | 03/12/25 17:25 | | Kareem | OK |
| 85 | CCB07 | CCB07 | CCB | 03/12/25 17:30 | | Kareem | OK |
| 86 | Q1522-02MS | TW-WTS-04MS | MS | 03/12/25 17:35 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 87 | Q1522-02MSD | TW-WTS-04MSD | MSD | 03/12/25 17:39 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 88 | Q1522-02A | TW-WTS-04A | PS | 03/12/25 17:43 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 89 | Q1478-07 | IDW-AQ-IW-03-COMP | SAM | 03/12/25 17:47 | | Kareem | OK |
| 90 | Q1478-07DUP | IDW-AQ-IW-03-COMP | DUP | 03/12/25 17:52 | | Kareem | OK |
| 91 | Q1478-07L | IDW-AQ-IW-03-COMP | SD | 03/12/25 17:56 | | Kareem | OK |
| 92 | Q1478-07MS | IDW-AQ-IW-03-COMP | MS | 03/12/25 18:00 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 93 | Q1478-07MSD | IDW-AQ-IW-03-COMP | MSD | 03/12/25 18:05 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 94 | Q1478-07A | IDW-AQ-IW-03-COMP | PS | 03/12/25 18:09 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 95 | Q1478-01 | IDW-AQ-MW-19B-CO | SAM | 03/12/25 18:13 | | Kareem | OK |
| 96 | CCV08 | CCV08 | CCV | 03/12/25 18:23 | | Kareem | OK |
| 97 | CCB08 | CCB08 | CCB | 03/12/25 18:27 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

| | | | |
|---|---|---|---|
| Review By | kareem | Review On | 3/13/2025 10:36:08 AM |
| Supervise By | jaswal | Supervise On | 3/14/2025 1:32:25 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84846 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 98 | Q1478-03 | IDW-AQ-IW-01-COMP | SAM | 03/12/25 18:31 | | Kareem | OK |
| 99 | Q1478-05 | IDW-AQ-IW-02-COMP | SAM | 03/12/25 18:36 | | Kareem | OK |
| 100 | Q1477-01 | RW7-SP100-2025022 | SAM | 03/12/25 18:40 | | Kareem | OK |
| 101 | Q1477-04 | RW7-SP303-2025022 | SAM | 03/12/25 18:44 | | Kareem | OK |
| 102 | CCV09 | CCV09 | CCV | 03/12/25 18:49 | | Kareem | OK |
| 103 | CCB09 | CCB09 | CCB | 03/12/25 18:53 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 3/14/2025 1:24:23 PM |
| Supervise By | Mohan | Supervise On | 3/14/2025 1:33:41 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84846,MP84640,MP84639,MP84638,MP84637 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84640 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 03/13/25 11:42 | | Kareem | OK |
| 2 | S1 | S1 | CAL2 | 03/13/25 11:46 | | Kareem | OK |
| 3 | S2 | S2 | CAL3 | 03/13/25 11:50 | | Kareem | OK |
| 4 | S3 | S3 | CAL4 | 03/13/25 11:54 | | Kareem | OK |
| 5 | S4 | S4 | CAL5 | 03/13/25 11:59 | | Kareem | OK |
| 6 | S5 | S5 | CAL6 | 03/13/25 12:03 | | Kareem | OK |
| 7 | ICV01 | ICV01 | ICV | 03/13/25 12:07 | | Kareem | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 03/13/25 12:13 | | Kareem | OK |
| 9 | ICB01 | ICB01 | ICB | 03/13/25 12:17 | | Kareem | OK |
| 10 | CRI01 | CRI01 | CRDL | 03/13/25 12:21 | | Kareem | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 03/13/25 12:25 | | Kareem | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 03/13/25 12:30 | | Kareem | OK |
| 13 | ICSADL | ICSADL | ICSA | 03/13/25 12:34 | | Kareem | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 03/13/25 12:38 | | Kareem | OK |
| 15 | CCV01 | CCV01 | CCV | 03/13/25 12:53 | | Kareem | OK |
| 16 | CCB01 | CCB01 | CCB | 03/13/25 12:58 | | Kareem | OK |
| 17 | PB166963BL | PB166963BL | MB | 03/13/25 13:02 | | Kareem | OK |
| 18 | PB166963BS | PB166963BS | LCS | 03/13/25 13:06 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 3/14/2025 1:24:23 PM |
| Supervise By | Mohan | Supervise On | 3/14/2025 1:33:41 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84846,MP84640,MP84639,MP84638,MP84637 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84640 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | PB167116BL | PB167116BL | MB | 03/13/25 13:10 | | Kareem | OK |
| 20 | PB167116BS | PB167116BS | LCS | 03/13/25 13:15 | | Kareem | OK |
| 21 | Q1485-01 | DN-B-41 | SAM | 03/13/25 13:19 | | Kareem | OK |
| 22 | Q1486-01 | DN-B-40 | SAM | 03/13/25 13:23 | | Kareem | OK |
| 23 | Q1487-01 | DN-B-42 | SAM | 03/13/25 13:27 | | Kareem | OK |
| 24 | Q1488-04 | ENV-101-SB02 | SAM | 03/13/25 13:31 | | Kareem | OK |
| 25 | Q1488-06 | ENV-102-SB01 | SAM | 03/13/25 13:35 | | Kareem | OK |
| 26 | Q1488-08 | ENV-102-SB02 | SAM | 03/13/25 13:40 | | Kareem | OK |
| 27 | CCV02 | CCV02 | CCV | 03/13/25 13:49 | | Kareem | OK |
| 28 | CCB02 | CCB02 | CCB | 03/13/25 13:54 | | Kareem | OK |
| 29 | Q1488-10 | ENV-104-SB01 | SAM | 03/13/25 13:58 | | Kareem | OK |
| 30 | Q1488-12 | ENV-104-SB02 | SAM | 03/13/25 14:02 | | Kareem | OK |
| 31 | Q1488-14 | ENV-104-GW01 | SAM | 03/13/25 14:07 | | Kareem | OK |
| 32 | Q1488-01 | ENV-101-SB01 | SAM | 03/13/25 14:11 | | Kareem | OK |
| 33 | Q1488-03 | ENV-101-SB02 | SAM | 03/13/25 14:15 | | Kareem | OK |
| 34 | Q1488-05 | ENV-102-SB01 | SAM | 03/13/25 14:19 | | Kareem | OK |
| 35 | Q1488-07 | ENV-102-SB02 | SAM | 03/13/25 14:23 | | Kareem | OK |
| 36 | Q1488-09 | ENV-104-SB01 | SAM | 03/13/25 14:27 | | Kareem | OK |
| 37 | Q1488-11 | ENV-104-SB02 | SAM | 03/13/25 14:31 | | Kareem | OK |
| 38 | Q1491-02 | COMP | SAM | 03/13/25 14:35 | | Kareem | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 3/14/2025 1:24:23 PM |
| Supervise By | Mohan | Supervise On | 3/14/2025 1:33:41 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84846,MP84640,MP84639,MP84638,MP84637 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84640 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 39 | CCV03 | CCV03 | CCV | 03/13/25 14:40 | | Kareem | OK |
| 40 | CCB03 | CCB03 | CCB | 03/13/25 14:48 | | Kareem | OK |
| 41 | Q1495-01 | 001-WILLETS-PT-BL | SAM | 03/13/25 14:53 | | Kareem | OK |
| 42 | Q1495-02 | 002-35TH-AVE(MAR) | SAM | 03/13/25 14:57 | | Kareem | OK |
| 43 | Q1514-02 | ENV-105-SB01 | SAM | 03/13/25 15:01 | | Kareem | OK |
| 44 | Q1514-04 | ENV-105-SB02 | SAM | 03/13/25 15:06 | | Kareem | OK |
| 45 | Q1514-06 | ENV-103-SB01 | SAM | 03/13/25 15:10 | | Kareem | OK |
| 46 | Q1514-06DUP | ENV-103-SB01DUP | DUP | 03/13/25 15:15 | | Kareem | OK |
| 47 | Q1514-06L | ENV-103-SB01L | SD | 03/13/25 15:19 | | Kareem | OK |
| 48 | Q1514-06MS | ENV-103-SB01MS | MS | 03/13/25 15:23 | | Kareem | OK |
| 49 | Q1514-06MSD | ENV-103-SB01MSD | MSD | 03/13/25 15:28 | | Kareem | OK |
| 50 | Q1514-06A | ENV-103-SB01A | PS | 03/13/25 15:34 | | Kareem | OK |
| 51 | CCV04 | CCV04 | CCV | 03/13/25 15:38 | | Kareem | OK |
| 52 | CCB04 | CCB04 | CCB | 03/13/25 15:42 | | Kareem | OK |
| 53 | Q1514-08 | ENV-103-GW01 | SAM | 03/13/25 15:46 | | Kareem | OK |
| 54 | Q1514-09 | FB03062025 | SAM | 03/13/25 15:51 | | Kareem | OK |
| 55 | Q1514-01 | ENV-105-SB01 | SAM | 03/13/25 15:55 | | Kareem | OK |
| 56 | Q1514-03 | ENV-105-SB02 | SAM | 03/13/25 15:59 | | Kareem | OK |
| 57 | Q1514-05 | ENV-103-SB01 | SAM | 03/13/25 16:03 | | Kareem | OK |
| 58 | Q1525-01 | MW10 | SAM | 03/13/25 16:08 | Mn high | Kareem | Dilution |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 3/14/2025 1:24:23 PM |
| Supervise By | Mohan | Supervise On | 3/14/2025 1:33:41 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84846,MP84640,MP84639,MP84638,MP84637 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84640 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 59 | Q1552-01 | NB-418-JB-COMP-01 | SAM | 03/13/25 16:12 | | Kareem | OK |
| 60 | Q1553-01 | RT2321 | SAM | 03/13/25 16:16 | | Kareem | OK |
| 61 | Q1556-01 | OR-02-031225 | SAM | 03/13/25 16:20 | MS,MSD fail for many parameters | Kareem | Not Ok |
| 62 | Q1556-01DUP | OR-02-031225DUP | DUP | 03/13/25 16:24 | MS,MSD fail for many parameters | Kareem | Not Ok |
| 63 | CCV05 | CCV05 | CCV | 03/13/25 16:28 | | Kareem | OK |
| 64 | CCB05 | CCB05 | CCB | 03/13/25 16:32 | | Kareem | OK |
| 65 | Q1556-01L | OR-02-031225L | SD | 03/13/25 16:37 | MS,MSD fail for many parameters | Kareem | Not Ok |
| 66 | Q1556-01MS | OR-02-031225MS | MS | 03/13/25 16:41 | Fail for many parameters | Kareem | Not Ok |
| 67 | Q1556-01MSD | OR-02-031225MSD | MSD | 03/13/25 16:45 | Fail for many parameters | Kareem | Not Ok |
| 68 | Q1556-01A | OR-02-031225A | PS | 03/13/25 16:49 | MS,MSD fail for many parameters | Kareem | Not Ok |
| 69 | LR1 | LR1 | HIGH STD | 03/13/25 16:53 | | Kareem | OK |
| 70 | LR2 | LR2 | HIGH STD | 03/13/25 16:58 | | Kareem | OK |
| 71 | PB167103TB | PB167103TB | MB | 03/13/25 17:04 | | Kareem | OK |
| 72 | Q1547-05 | OR-620-JB-COMP-01 | SAM | 03/13/25 17:08 | | Kareem | OK |
| 73 | Q1547-05DUP | OR-620-JB-COMP-01 | DUP | 03/13/25 17:13 | | Kareem | OK |
| 74 | Q1547-05L | OR-620-JB-COMP-01 | SD | 03/13/25 17:17 | | Kareem | OK |
| 75 | CCV06 | CCV06 | CCV | 03/13/25 17:21 | | Kareem | OK |
| 76 | CCB06 | CCB06 | CCB | 03/13/25 17:25 | | Kareem | OK |
| 77 | Q1547-05MS | OR-620-JB-COMP-01 | MS | 03/13/25 17:30 | | Kareem | OK |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 3/14/2025 1:24:23 PM |
| Supervise By | Mohan | Supervise On | 3/14/2025 1:33:41 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP84636,MP84846,MP84640,MP84639,MP84638,MP84637 |
| ICV Standard | MP84643 |
| CCV Standard | MP84646 |
| ICSA Standard | MP84644,MP84721 |
| CRI Standard | MP84640 |
| LCS Standard | |
| Chk Standard | MP84649,MP84650 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 78 | Q1547-05MSD | OR-620-JB-COMP-01 | MSD | 03/13/25 17:34 | | Kareem | OK |
| 79 | Q1547-05A | OR-620-JB-COMP-01 | PS | 03/13/25 17:38 | | Kareem | OK |
| 80 | Q1547-10 | OR-620-JB-COMP-02 | SAM | 03/13/25 17:42 | | Kareem | OK |
| 81 | Q1552-05 | NB-418-JB-COMP-01 | SAM | 03/13/25 17:47 | | Kareem | OK |
| 82 | PB167117BL | PB167117BL | MB | 03/13/25 17:51 | | Kareem | OK |
| 83 | PB167117BS | PB167117BS | LCS | 03/13/25 17:55 | | Kareem | OK |
| 84 | Q1525-01DL | MW10DL | SAM | 03/13/25 17:59 | 5X for Mn | Kareem | Confirms |
| 85 | Q1488-13DL | ENV-102-GW01DL | SAM | 03/13/25 18:04 | 10X for Ag | Kareem | Confirms |
| 86 | Q1514-07DL | ENV-105-GW01DL | SAM | 03/13/25 18:08 | 10X for Ca,Ag,Fe | Kareem | Confirms |
| 87 | CCV07 | CCV07 | CCV | 03/13/25 18:12 | | Kareem | OK |
| 88 | CCB07 | CCB07 | CCB | 03/13/25 18:35 | | Kareem | OK |
| 89 | Q1488-13 | ENV-102-GW01 | SAM | 03/13/25 18:39 | Ag oversaturated | Kareem | Dilution |
| 90 | Q1514-07 | ENV-105-GW01 | SAM | 03/13/25 18:44 | Ag oversaturated,Ca,Fe high | Kareem | Dilution |
| 91 | Q1488-13REDL | ENV-102-GW01RE | SAM | 03/13/25 18:49 | Not used | Kareem | Not Ok |
| 92 | CCV08 | CCV08 | CCV | 03/13/25 18:53 | | Kareem | OK |
| 93 | CCB08 | CCB08 | CCB | 03/13/25 19:03 | | Kareem | OK |
| 94 | Q1528-02 | 22725 | SAM | 03/13/25 19:07 | | Kareem | OK |
| 95 | CCV09 | CCV09 | CCV | 03/13/25 19:12 | | Kareem | OK |
| 96 | CCB09 | CCB09 | CCB | 03/13/25 19:21 | | Kareem | OK |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB166977

**SOP ID :** M3050B-Digestion-20

**SDG No :** N/A

**Matrix :** SOIL

**Pippete ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

**Block ID:** 1. HOT BLOCK #5 2. N/A

**Start Digest Date:** 03/05/2025 **Time :** 10:05 **Temp :** 96 °C

**End Digest Date:** 03/05/2025 **Time :** 12:10 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #5

**Dig Technician Signature:** SKS.

**Supervisor Signature:**

**Temp :** 1. 96°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LFS-1 | 1.00 | M6003 |
| LFS-2 | 1.00 | M6011 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 1:1 HNO3 | 10.00 | MP84041 |
| Conc. HNO3 | 5.00 | M6126 |
| 30% H2O2 | 3.00 | M6125 |
| Conc. HCL | 10.00 | M6151 |
| PTFE Boiling Stones | N/A | M5585 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK # 5 CELL 35 Temp :96 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 03/05/25 13:10 | SKS. met dig | [illegible] |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB166977**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| PB166977BL | PBS977 | N/A | 2.04 | 100 | Colorless | Yellow | Fine | N/A | N/A | 1 |
| PB166977BS | LCS977 | N/A | 2.01 | 100 | Colorless | Yellow | Fine | N/A | M6003,M6011 | 2 |
| Q1481-01 | WC-K1311 | N/A | 2.40 | 100 | Brown | Yellow | Medium | N/A | N/A | 3 |
| Q1482-01 | OR-03-030425 | N/A | 2.30 | 100 | Brown | Yellow | Medium | N/A | N/A | 4 |
| Q1482-01MS | OR-03-030425MS | N/A | 2.27 | 100 | Brown | Yellow | Medium | N/A | M6003,M6011 | 6 |
| Q1482-01MSD | OR-03-030425MSD | N/A | 2.29 | 100 | Brown | Yellow | Medium | N/A | M6003,M6011 | 7 |
| Q1482-01DUP | OR-03-030425DUP | N/A | 2.14 | 100 | Brown | Yellow | Medium | N/A | N/A | 5 |
| Q1484-01 | TR-OTR-COMP-01 | N/A | 2.30 | 100 | Brown | Yellow | Medium | N/A | N/A | 8 |
| Q1485-01 | DN-B-41 | N/A | 2.26 | 100 | Brown | Yellow | Medium | N/A | N/A | 9 |
| Q1486-01 | DN-B-40 | N/A | 2.15 | 100 | Brown | Yellow | Medium | N/A | N/A | 10 |
| Q1487-01 | DN-B-42 | N/A | 2.11 | 100 | Brown | Yellow | Medium | N/A | N/A | 11 |
| Q1488-01 | ENV-101-SB01 | N/A | 2.23 | 100 | Black | Yellow | Medium | N/A | N/A | 12 |
| Q1488-03 | ENV-101-SB02 | N/A | 2.15 | 100 | Black | Yellow | Medium | N/A | N/A | 13 |
| Q1488-05 | ENV-102-SB01 | N/A | 2.17 | 100 | Black | Yellow | Medium | N/A | N/A | 14 |
| Q1488-07 | ENV-102-SB02 | N/A | 2.20 | 100 | Black | Yellow | Medium | N/A | N/A | 15 |
| Q1488-09 | ENV-104-SB01 | N/A | 2.47 | 100 | Black | Yellow | Medium | N/A | N/A | 16 |
| Q1488-11 | ENV-104-SB02 | N/A | 2.27 | 100 | Black | Yellow | Medium | N/A | N/A | 17 |
| Q1489-01 | TP-1 | N/A | 2.15 | 100 | Gray | Yellow | Medium | N/A | N/A | 18 |
| Q1489-05 | TP-2 | N/A | 2.37 | 100 | Gray | Yellow | Medium | N/A | N/A | 19 |
| Q1489-09 | TP-3 | N/A | 2.42 | 100 | Gray | Yellow | Medium | N/A | N/A | 20 |
| Q1489-13 | TP-4 | N/A | 2.38 | 100 | Gray | Yellow | Medium | N/A | N/A | 21 |

A B C D E F G H I J

Alliance TECHNICAL GROUP

# Water Mercury Preparation Sheet

PB166987

**SOP ID :** M7470A-Mercury-19

**SDG No :** NA

**Matrix :** WATER

**Pippete ID:** HG A

**Balance ID :** N/A

**Filter paper ID :** NA

**pH Strip ID :** M6069

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#3 2. N/A

**Start Digest Date:** 03/05/2025 **Time :** 09:50 **Temp :** 94 °C

**End Digest Date:** 03/05/2025 **Time :** 11:50 **Temp :** 95 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** HG-DIG#3

**Dig Technician Signature:** MB

**Supervisor Signature:** JZ

**Temp :** 1. 94°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 30mL | MP84766 |
| CCV | 30mL | MP84768 |
| CRA | 30mL | MP84770 |
| Blank Spike | 0.48mL | MP84759 |
| Matrix Spike | 0.48mL | MP84759 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| HNO3/H2SO4(1:2) | 2.5mL | MP84563 |
| KMnO4 (5%) | 4.5mL | MP84564 |
| K2S2O8 (5%) | 2.5mL | MP84565 |
| Hydroxylamine HCL (12%) | 2.0mL | MP84566 |
| 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 |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---|---|---|---|
| 0.0 ppb | S0 | 30mL | MP84760 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 30mL | MP84761 |
| 2.5 ppb | S2.5 | 30mL | MP84762 |
| 5.0 ppb | S5.0 | 30mL | MP84763 |
| 7.5 ppb | S7.5 | 30mL | MP84764 |
| 10.0 ppb | S10.0 | 30mL | MP84765 |
| ICV | ICV | 30mL | MP84766 |
| ICB | ICB | 30mL | MP84767 |
| CCV | CCV | 30mL | MP84768 |
| CCB | CCB | 30mL | MP84769 |
| CRI | CRI | 30mL | MP84770 |
| CHK STD | CHK STD | 30mL | MP84771 |

**Extraction Conformance/Non-Conformance Comments:**

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 3/5/25 @ 12:15 | MB - Dig. Lab | MB - Metals Lab |
| | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

## Water Mercury Preparation Sheet

# PB166987

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| PB166987BL | PBW987 | 30 | 30 | <2 | N/A | 3-1 |
| PB166987BS | LCS987 | 30 | 30 | <2 | MP84759 | 2 |
| Q1476-01 | TRE-25-0014 | 30 | 30 | <2 | N/A | 3 |
| Q1480-33 | TP-3-WATER-SAMPLE | 30 | 30 | <2 | N/A | 4 |
| Q1488-13 | ENV-102-GW01 | 30 | 30 | <2 | N/A | 5 |
| Q1488-14 | ENV-104-GW01 | 30 | 30 | <2 | N/A | 6 |
| Q1488-14DUP | ENV-104-GW01DUP | 30 | 30 | <2 | N/A | 7 |
| Q1488-14MS | ENV-104-GW01MS | 30 | 30 | <2 | MP84759 | 8 |
| Q1488-14MSD | ENV-104-GW01MSD | 30 | 30 | <2 | MP84759 | 9 |

A B C D E F G H I J

Alliance TECHNICAL GROUP

# Water Metals Preparation Sheet

PB167002

**SOP ID :** M3010A-Digestion-17

**SDG No :** N/A

**Matrix :** WATER

**Pippete ID:** ICP A

**Balance ID :** N/A

**Filter paper ID :** N/A

**pH Strip ID :** M6069

**Hood ID :** #3

**Block ID:** 1. HOT BLOCK #1 2. N/A

**Start Digest Date:** 03/06/2025 **Time :** 08:50 **Temp :** 96 °C

**End Digest Date:** 03/06/2025 **Time :** 11:55 **Temp :** 96 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** MET-DIG. #1

**Dig Technician Signature:** SLD.

**Supervisor Signature:**

**Temp :** 1. 96°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LFS-1 | 0.25 | M6003 |
| LFS-1 | 0.25 | M6011 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| Conc. HNO3 | 3.00 | M6126 |
| 1:1 HCL | 5.00 | MP84720 |
| 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 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK # 1 CELL 55 Temp :96 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 03/06/25 12:55 | SLD. met. dig. | Melanie Cole |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

**PB167002**

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| PB167002BL | PBW002 | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | N/A | 11 |
| PB167002BS | LCS002 | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | M6003,M6011 | 12 |
| Q1488-13 | ENV-102-GW01 | <2 | 50 | 25 | Brown | Brown | Cloudy | Cloudy | N/A | 13 |
| Q1488-14 | ENV-104-GW01 | <2 | 50 | 25 | Brown | Brown | Cloudy | Cloudy | N/A | 14 |
| Q1494-01 | PURGE-WATER | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | N/A | 15 |
| Q1494-01MS | PURGE-WATERMS | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | M6003,M6011 | 17 |
| Q1494-01MSD | PURGE-WATERMSD | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | M6003,M6011 | 18 |
| Q1494-01DUP | PURGE-WATERDUP | <2 | 50 | 25 | Colorless | Colorless | Clear | Clear | N/A | 16 |

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Alliance TECHNICAL GROUP

# Soil/Sludge Mercury Preparation Sheet

PB167021

**SOP ID :** M7471B-Mercury-18

**SDG No :** NA

**Matrix :** SOIL

**Pippete ID:** HG A

**Balance ID :** M SC-3

**Filter paper ID :** NA

**pH Strip ID :** NA

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#3 2. N/A

**Start Digest Date:** 03/05/2025 **Time :** 16:00 **Temp :** 95 °C

**End Digest Date:** 03/05/2025 **Time :** 16:30 **Temp :** 94 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** HG-DIG#3

**Dig Technician Signature:** MB

**Supervisor Signature:** 12

**Temp :** 1. 95°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 30mL | MP84766 |
| CCV | 30mL | MP84768 |
| CRA | 30mL | MP84770 |
| Blank Spike | 0.48mL | MP84759 |
| Matrix Spike | 0.48mL | MP84759 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| AQUA REGIA | 1.5mL | MP84772 |
| KMnO4 (5%) | 4.5mL | MP84564 |
| Hydroxylamine HCL (12%) | 2.0mL | MP84566 |
| PTFE Boiling Stones | ---------- | M4583 |
| 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 |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---|---|---|---|
| 0.0 ppb | S0 | 30mL | MP84760 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 30mL | MP84761 |
| 2.5 ppb | S2.5 | 30mL | MP84762 |
| 5.0 ppb | S5.0 | 30mL | MP84763 |
| 7.5 ppb | S7.5 | 30mL | MP84764 |
| 10.0 ppb | S10.0 | 30mL | MP84765 |
| ICV | ICV | 30mL | MP84766 |
| ICB | ICB | 30mL | MP84767 |
| CCV | CCV | 30mL | MP84768 |
| CCB | CCB | 30mL | MP84769 |
| CRI | CRI | 30mL | MP84770 |
| CHK STD | CHK STD | 30mL | MP84771 |

**Extraction Conformance/Non-Conformance Comments:**

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 3/5/25 @ 17:10 | MB - HG Lab | MB - metal Lab |
| | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

## Soil/Sludge Mercury Preparation Sheet

## PB167021

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| PB167021BL | PBS021 | 0.52 | 35 | NA | N/A | 3-1 |
| PB167021BS | LCS021 | 0.57 | 35 | NA | MP84759 | 2 |
| Q1488-01 | ENV-101-SB01 | 0.53 | 35 | NA | N/A | 3 |
| Q1488-03 | ENV-101-SB02 | 0.54 | 35 | NA | N/A | 4 |
| Q1488-05 | ENV-102-SB01 | 0.57 | 35 | NA | N/A | 5 |
| Q1488-07 | ENV-102-SB02 | 0.55 | 35 | NA | N/A | 6 |
| Q1488-09 | ENV-104-SB01 | 0.54 | 35 | NA | N/A | 7 |
| Q1488-11 | ENV-104-SB02 | 0.55 | 35 | NA | N/A | 8 |
| Q1490-01 | CLAY-SLUDGE-DRUMS | 0.60 | 35 | NA | N/A | 9 |
| Q1494-03 | ASPHALT-SOIL | 0.59 | 35 | NA | N/A | 10 |
| Q1494-05 | SOIL | 0.52 | 35 | NA | N/A | 11 |
| Q1494-07 | SOIL-COMP | 0.56 | 35 | NA | N/A | 12 |
| Q1494-07DUP | SOIL-COMPDUP | 0.54 | 35 | NA | N/A | 13 |
| Q1494-07MS | SOIL-COMPMS | 0.57 | 35 | NA | MP84759 | 14 |
| Q1494-07MSD | SOIL-COMPMSD | 0.58 | 35 | NA | MP84759 | 15 |

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