

### Hit Summary Sheet SW-846

**SDG No.:** Q1746 **Order ID:** Q1746  
**Client:** Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID                     | Client ID  | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|-------------------------------|------------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : B-149-SB01</b> |            |        |           |               |   |        |       |       |
| Q1746-01                      | B-149-SB01 | SOIL   | Aluminum  | 5630          |   | 2.52   | 5.23  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Antimony  | 1.02          | J | 0.16   | 2.62  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Arsenic   | 4.37          |   | 0.30   | 1.05  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Barium    | 23.8          |   | 0.67   | 5.23  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Beryllium | 0.46          |   | 0.013  | 0.31  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Calcium   | 2070          |   | 2.93   | 105   | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Chromium  | 12.0          |   | 0.057  | 0.52  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Cobalt    | 11.2          |   | 0.061  | 1.57  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Copper    | 93.3          |   | 0.49   | 1.05  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Iron      | 24800         |   | 2.82   | 5.23  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Lead      | 120           |   | 0.16   | 0.63  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Magnesium | 2700          |   | 3.59   | 105   | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Manganese | 284           |   | 0.074  | 1.05  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Mercury   | 0.56          |   | 0.0080 | 0.015 | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Nickel    | 20.4          |   | 0.094  | 2.09  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Potassium | 407           |   | 30.0   | 105   | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Silver    | 0.69          |   | 0.054  | 0.52  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Sodium    | 135           |   | 37.8   | 105   | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Thallium  | 0.92          | J | 0.46   | 2.09  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Vanadium  | 27.0          |   | 0.28   | 2.09  | mg/Kg |
| Q1746-01                      | B-149-SB01 | SOIL   | Zinc      | 166           |   | 0.12   | 2.09  | mg/Kg |
| <b>Client ID : B-149-SB02</b> |            |        |           |               |   |        |       |       |
| Q1746-03                      | B-149-SB02 | SOIL   | Aluminum  | 5920          |   | 2.77   | 5.75  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Arsenic   | 2.57          |   | 0.33   | 1.15  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Barium    | 7.68          |   | 0.74   | 5.75  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Beryllium | 0.34          | J | 0.014  | 0.35  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Calcium   | 628           |   | 3.22   | 115   | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Chromium  | 11.9          |   | 0.062  | 0.57  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Cobalt    | 5.12          |   | 0.067  | 1.73  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Copper    | 15.7          |   | 0.54   | 1.15  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Iron      | 11100         |   | 3.09   | 5.75  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Lead      | 5.50          |   | 0.17   | 0.69  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Magnesium | 2730          |   | 3.95   | 115   | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Manganese | 72.9          |   | 0.082  | 1.15  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Nickel    | 11.1          |   | 0.10   | 2.30  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Potassium | 796           |   | 33.0   | 115   | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Silver    | 0.45          | J | 0.060  | 0.57  | mg/Kg |

**Hit Summary Sheet**  
**SW-846**

|                 |                             |                    |                              |
|-----------------|-----------------------------|--------------------|------------------------------|
| <b>SDG No.:</b> | Q1746                       | <b>Order ID:</b>   | Q1746                        |
| <b>Client:</b>  | Portal Partners Tri-Venture | <b>Project ID:</b> | Amtrak Sawtooth Bridges 2025 |

| Sample ID                     | Client ID  | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|-------------------------------|------------|--------|-----------|---------------|---|-------|------|-------|
| Q1746-03                      | B-149-SB02 | SOIL   | Sodium    | 137           |   | 41.5  | 115  | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Vanadium  | 14.0          |   | 0.31  | 2.30 | mg/Kg |
| Q1746-03                      | B-149-SB02 | SOIL   | Zinc      | 31.0          |   | 0.13  | 2.30 | mg/Kg |
| <b>Client ID : B-158-GW01</b> |            |        |           |               |   |       |      |       |
| Q1746-05                      | B-158-GW01 | Water  | Aluminum  | 37700         |   | 28.3  | 50.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Arsenic   | 14.2          |   | 3.48  | 10.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Barium    | 266           |   | 6.28  | 50.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Beryllium | 2.69          | J | 0.13  | 3.00 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Calcium   | 40300         |   | 33.0  | 1000 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Chromium  | 78.9          |   | 0.66  | 5.00 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Cobalt    | 19.9          |   | 0.50  | 15.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Copper    | 106           |   | 7.07  | 10.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Iron      | 48600         |   | 18.5  | 50.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Lead      | 79.1          |   | 3.51  | 6.00 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Magnesium | 15200         |   | 39.4  | 1000 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Manganese | 1210          |   | 1.46  | 10.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Mercury   | 0.20          | J | 0.076 | 0.20 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Nickel    | 46.3          |   | 0.85  | 20.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Potassium | 9010          |   | 685   | 1000 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Sodium    | 74800         |   | 237   | 1000 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Vanadium  | 99.6          |   | 3.06  | 20.0 | ug/L  |
| Q1746-05                      | B-158-GW01 | Water  | Zinc      | 223           |   | 1.75  | 20.0 | ug/L  |
| <b>Client ID : B-149-GW01</b> |            |        |           |               |   |       |      |       |
| Q1746-06                      | B-149-GW01 | Water  | Aluminum  | 77300         |   | 28.3  | 50.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Arsenic   | 53.3          |   | 3.48  | 10.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Barium    | 144           |   | 6.28  | 50.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Beryllium | 4.92          |   | 0.13  | 3.00 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Calcium   | 37000         |   | 33.0  | 1000 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Chromium  | 204           |   | 0.66  | 5.00 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Cobalt    | 56.1          |   | 0.50  | 15.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Copper    | 382           |   | 7.07  | 10.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Iron      | 131000        |   | 18.5  | 50.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Lead      | 89.6          |   | 3.51  | 6.00 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Magnesium | 38600         |   | 39.4  | 1000 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Manganese | 757           |   | 1.46  | 10.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Mercury   | 0.078         | J | 0.076 | 0.20 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Nickel    | 143           |   | 0.85  | 20.0 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Potassium | 36400         |   | 685   | 1000 | ug/L  |
| Q1746-06                      | B-149-GW01 | Water  | Sodium    | 143000        |   | 237   | 1000 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1746

**Order ID:** Q1746

**Client:** Portal Partners Tri-Venture

**Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID                      | Client ID   | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|--------------------------------|-------------|--------|-----------|---------------|---|------|------|-------|
| Q1746-06                       | B-149-GW01  | Water  | Vanadium  | 198           |   | 3.06 | 20.0 | ug/L  |
| Q1746-06                       | B-149-GW01  | Water  | Zinc      | 559           |   | 1.75 | 20.0 | ug/L  |
| <b>Client ID : EB-2025-4-7</b> |             |        |           |               |   |      |      |       |
| Q1746-07                       | EB-2025-4-7 | Water  | Manganese | 3.46          | J | 1.46 | 10.0 | ug/L  |



# SAMPLE DATA

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/05/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | B-149-SB01                   | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-01                     | Matrix:         | SOIL     |
| Level (low/med):  | low                          | % Solid:        | 89.3     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 5630  |      | 1  | 2.52   | 5.23       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 1.02  | J    | 1  | 0.16   | 2.62       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 4.37  |      | 1  | 0.30   | 1.05       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 23.8  |      | 1  | 0.67   | 5.23       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.46  | N    | 1  | 0.013  | 0.31       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.017 | U    | 1  | 0.017  | 0.31       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 2070  |      | 1  | 2.93   | 105        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 12.0  |      | 1  | 0.057  | 0.52       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 11.2  |      | 1  | 0.061  | 1.57       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 93.3  |      | 1  | 0.49   | 1.05       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 24800 |      | 1  | 2.82   | 5.23       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 120   |      | 1  | 0.16   | 0.63       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 2700  |      | 1  | 3.59   | 105        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 284   |      | 1  | 0.074  | 1.05       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.56  | N*   | 1  | 0.0080 | 0.015      | mg/Kg             | 04/08/25 16:50 | 04/09/25 12:22 | SW7471B  |           |
| 7440-02-0 | Nickel    | 20.4  |      | 1  | 0.094  | 2.09       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 407   |      | 1  | 30.0   | 105        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.35  | U    | 1  | 0.35   | 1.05       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.69  |      | 1  | 0.054  | 0.52       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 135   |      | 1  | 37.8   | 105        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.92  | J    | 1  | 0.46   | 2.09       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 27.0  |      | 1  | 0.28   | 2.09       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 166   |      | 1  | 0.12   | 2.09       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:17 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | 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

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/06/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | B-149-SB02                   | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-03                     | Matrix:         | SOIL     |
| Level (low/med):  | low                          | % Solid:        | 84.8     |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 5920   |      | 1  | 2.77   | 5.75       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.17   | U    | 1  | 0.17   | 2.88       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 2.57   |      | 1  | 0.33   | 1.15       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 7.68   |      | 1  | 0.74   | 5.75       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.34   | JN   | 1  | 0.014  | 0.35       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.018  | U    | 1  | 0.018  | 0.35       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 628    |      | 1  | 3.22   | 115        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 11.9   |      | 1  | 0.062  | 0.57       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 5.12   |      | 1  | 0.067  | 1.73       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 15.7   |      | 1  | 0.54   | 1.15       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 11100  |      | 1  | 3.09   | 5.75       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 5.50   |      | 1  | 0.17   | 0.69       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 2730   |      | 1  | 3.95   | 115        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 72.9   |      | 1  | 0.082  | 1.15       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.0080 | UN*  | 1  | 0.0080 | 0.014      | mg/Kg             | 04/08/25 16:50 | 04/09/25 12:25 | SW7471B  |           |
| 7440-02-0 | Nickel    | 11.1   |      | 1  | 0.10   | 2.30       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 796    |      | 1  | 33.0   | 115        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.38   | U    | 1  | 0.38   | 1.15       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.45   | J    | 1  | 0.060  | 0.57       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 137    |      | 1  | 41.5   | 115        | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.51   | U    | 1  | 0.51   | 2.30       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 14.0   |      | 1  | 0.31   | 2.30       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 31.0   |      | 1  | 0.13   | 2.30       | mg/Kg             | 04/07/25 14:05 | 04/10/25 16:22 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | 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

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/05/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | B-158-GW01                   | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-05                     | 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  | 37700 | *    | 1  | 28.3  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-36-0 | Antimony  | 2.06  | U    | 1  | 2.06  | 25.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-38-2 | Arsenic   | 14.2  |      | 1  | 3.48  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-39-3 | Barium    | 266   | N*   | 1  | 6.28  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-41-7 | Beryllium | 2.69  | J    | 1  | 0.13  | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-43-9 | Cadmium   | 0.094 | U    | 1  | 0.094 | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-70-2 | Calcium   | 40300 | *    | 1  | 33.0  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-47-3 | Chromium  | 78.9  | N    | 1  | 0.66  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-48-4 | Cobalt    | 19.9  |      | 1  | 0.50  | 15.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-50-8 | Copper    | 106   | N*   | 1  | 7.07  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7439-89-6 | Iron      | 48600 | *    | 1  | 18.5  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7439-92-1 | Lead      | 79.1  |      | 1  | 3.51  | 6.00       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7439-95-4 | Magnesium | 15200 | *    | 1  | 39.4  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7439-96-5 | Manganese | 1210  | *    | 1  | 1.46  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7439-97-6 | Mercury   | 0.20  | JN   | 1  | 0.076 | 0.20       | ug/L  | 04/10/25 14:20 | 04/11/25 10:56 | SW7470A  |           |
| 7440-02-0 | Nickel    | 46.3  |      | 1  | 0.85  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-09-7 | Potassium | 9010  | *    | 1  | 685   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7782-49-2 | Selenium  | 5.88  | U    | 1  | 5.88  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-22-4 | Silver    | 0.58  | UN   | 1  | 0.58  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-23-5 | Sodium    | 74800 | *    | 1  | 237   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-28-0 | Thallium  | 2.32  | U    | 1  | 2.32  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-62-2 | Vanadium  | 99.6  | N*   | 1  | 3.06  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |
| 7440-66-6 | Zinc      | 223   | *    | 1  | 1.75  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 20:56 | SW6010   | SW3010    |

|               |             |                 |       |            |
|---------------|-------------|-----------------|-------|------------|
| Color Before: | Black       | Clarity Before: | Clear | Texture:   |
| Color After:  | Light Brown | Clarity After:  | Clear | 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

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/06/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | B-149-GW01                   | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-06                     | 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  | 77300  | *    | 1  | 28.3  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-36-0 | Antimony  | 2.06   | U    | 1  | 2.06  | 25.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-38-2 | Arsenic   | 53.3   |      | 1  | 3.48  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-39-3 | Barium    | 144    | N*   | 1  | 6.28  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-41-7 | Beryllium | 4.92   |      | 1  | 0.13  | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-43-9 | Cadmium   | 0.094  | U    | 1  | 0.094 | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-70-2 | Calcium   | 37000  | *    | 1  | 33.0  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-47-3 | Chromium  | 204    | N    | 1  | 0.66  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-48-4 | Cobalt    | 56.1   |      | 1  | 0.50  | 15.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-50-8 | Copper    | 382    | N*   | 1  | 7.07  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-89-6 | Iron      | 131000 | *    | 1  | 18.5  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-92-1 | Lead      | 89.6   |      | 1  | 3.51  | 6.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-95-4 | Magnesium | 38600  | *    | 1  | 39.4  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-96-5 | Manganese | 757    | *    | 1  | 1.46  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7439-97-6 | Mercury   | 0.078  | JN   | 1  | 0.076 | 0.20       | ug/L  | 04/10/25 14:20 | 04/11/25 11:05 | SW7470A  |           |
| 7440-02-0 | Nickel    | 143    |      | 1  | 0.85  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-09-7 | Potassium | 36400  | *    | 1  | 685   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7782-49-2 | Selenium  | 5.88   | U    | 1  | 5.88  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-22-4 | Silver    | 0.58   | UN   | 1  | 0.58  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-23-5 | Sodium    | 143000 | *    | 1  | 237   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-28-0 | Thallium  | 2.32   | U    | 1  | 2.32  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-62-2 | Vanadium  | 198    | N*   | 1  | 3.06  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |
| 7440-66-6 | Zinc      | 559    | *    | 1  | 1.75  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:00 | SW6010   | SW3010    |

|               |             |                 |       |            |
|---------------|-------------|-----------------|-------|------------|
| Color Before: | Black       | Clarity Before: | Clear | Texture:   |
| Color After:  | Light Brown | Clarity After:  | Clear | 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

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 04/07/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 04/07/25 |
| Client Sample ID: | EB-2025-4-7                  | SDG No.:        | Q1746    |
| Lab Sample ID:    | Q1746-07                     | 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  | 28.3  | U*   | 1  | 28.3  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-36-0 | Antimony  | 2.06  | U    | 1  | 2.06  | 25.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-38-2 | Arsenic   | 3.48  | U    | 1  | 3.48  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-39-3 | Barium    | 6.28  | UN*  | 1  | 6.28  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-41-7 | Beryllium | 0.13  | U    | 1  | 0.13  | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-43-9 | Cadmium   | 0.094 | U    | 1  | 0.094 | 3.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-70-2 | Calcium   | 33.0  | U*   | 1  | 33.0  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-47-3 | Chromium  | 0.66  | UN   | 1  | 0.66  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-48-4 | Cobalt    | 0.50  | U    | 1  | 0.50  | 15.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-50-8 | Copper    | 7.07  | UN*  | 1  | 7.07  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7439-89-6 | Iron      | 18.5  | U*   | 1  | 18.5  | 50.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7439-92-1 | Lead      | 3.51  | U    | 1  | 3.51  | 6.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7439-95-4 | Magnesium | 39.4  | U*   | 1  | 39.4  | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7439-96-5 | Manganese | 3.46  | J*   | 1  | 1.46  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7439-97-6 | Mercury   | 0.076 | UN   | 1  | 0.076 | 0.20       | ug/L  | 04/10/25 14:20 | 04/11/25 11:07 | SW7470A  |           |
| 7440-02-0 | Nickel    | 0.85  | U    | 1  | 0.85  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-09-7 | Potassium | 685   | U*   | 1  | 685   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7782-49-2 | Selenium  | 5.88  | U    | 1  | 5.88  | 10.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-22-4 | Silver    | 0.58  | UN   | 1  | 0.58  | 5.00       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-23-5 | Sodium    | 237   | U*   | 1  | 237   | 1000       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-28-0 | Thallium  | 2.32  | U    | 1  | 2.32  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-62-2 | Vanadium  | 3.06  | UN*  | 1  | 3.06  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |
| 7440-66-6 | Zinc      | 1.75  | U*   | 1  | 1.75  | 20.0       | ug/L  | 04/08/25 09:40 | 04/14/25 21:25 | SW6010   | SW3010    |

|               |            |                 |       |            |
|---------------|------------|-----------------|-------|------------|
| Color Before: | Colorless  | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless  | Clarity After:  | Clear | Artifacts: |
| Comments:     | METALS-TAL |                 |       |            |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

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E = Indicates the reported value is estimated because of the presence of interference.

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N = Spiked sample recovery not within control limits



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

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b>   | Portal Partners Tri-Venture |                  |                     |                  | <b>SDG No.:</b> | Q1746           |                  |                  |               |
|------------------|-----------------------------|------------------|---------------------|------------------|-----------------|-----------------|------------------|------------------|---------------|
| <b>Contract:</b> | PORT06                      | <b>Lab Code:</b> | CHEM                | <b>Case No.:</b> | Q1746           | <b>SAS No.:</b> | Q1746            |                  |               |
| Sample ID        | Analyte                     | Result<br>ug/L   | Acceptance<br>Limit | Conc<br>Qual     | CRQL            | M               | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| ICB82            | Mercury                     | 0.20             | +/-0.20             | U                | 0.20            | CV              | 04/09/2025       | 11:36            | LB135354      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB49     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/09/2025       | 11:45            | LB135354      |
| CCB50     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/09/2025       | 12:20            | LB135354      |
| CCB51     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/09/2025       | 12:48            | LB135354      |
| CCB52     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/09/2025       | 14:04            | LB135354      |
| CCB53     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/09/2025       | 14:21            | LB135354      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB84     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/11/2025       | 10:05            | LB135388      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |    |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|----|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |    |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB59                                      | Mercury               | 0.20                   | +/-0.20               | U            | 0.20 | CV | 04/11/2025       | 10:09            | LB135388      |
| CCB60                                      | Mercury               | 0.20                   | +/-0.20               | U            | 0.20 | CV | 04/11/2025       | 10:39            | LB135388      |
| CCB61                                      | Mercury               | 0.20                   | +/-0.20               | U            | 0.20 | CV | 04/11/2025       | 11:16            | LB135388      |
| CCB62                                      | Mercury               | 0.20                   | +/-0.20               | U            | 0.20 | CV | 04/11/2025       | 11:43            | LB135388      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 100            | +/-100              | U            | 100  | P | 04/10/2025       | 10:29            | LB135373      |
|           | Antimony  | 50.0           | +/-50.0             | U            | 50.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Arsenic   | 20.0           | +/-20.0             | U            | 20.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Barium    | 100            | +/-100              | U            | 100  | P | 04/10/2025       | 10:29            | LB135373      |
|           | Beryllium | 6.00           | +/-6.00             | U            | 6.00 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Cadmium   | 6.00           | +/-6.00             | U            | 6.00 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Calcium   | 2000           | +/-2000             | U            | 2000 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Chromium  | 10.0           | +/-10.0             | U            | 10.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Cobalt    | 30.0           | +/-30.0             | U            | 30.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Copper    | 20.0           | +/-20.0             | U            | 20.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Iron      | 100            | +/-100              | U            | 100  | P | 04/10/2025       | 10:29            | LB135373      |
|           | Lead      | 12.0           | +/-12.0             | U            | 12.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Magnesium | 2000           | +/-2000             | U            | 2000 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Manganese | 20.0           | +/-20.0             | U            | 20.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Nickel    | 40.0           | +/-40.0             | U            | 40.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Potassium | 2000           | +/-2000             | U            | 2000 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Selenium  | 20.0           | +/-20.0             | U            | 20.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Silver    | 10.0           | +/-10.0             | U            | 10.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Sodium    | 2000           | +/-2000             | U            | 2000 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Thallium  | 40.0           | +/-40.0             | U            | 40.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Vanadium  | 40.0           | +/-40.0             | U            | 40.0 | P | 04/10/2025       | 10:29            | LB135373      |
|           | Zinc      | 40.0           | +/-40.0             | U            | 40.0 | P | 04/10/2025       | 10:29            | LB135373      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB01                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 11:21            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 11:21            | LB135373      |
| CCB02                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 12:12            | LB135373      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB02                                      | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 12:12            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 12:12            | LB135373      |
| CCB03                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:04            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:04            | LB135373      |
| CCB04                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 13:55            | LB135373      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB04                                      | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:55            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 13:55            | LB135373      |
| CCB05                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 14:49            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 14:49            | LB135373      |
| CCB06                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 15:48            | LB135373      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB06                                      | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 15:48            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 15:48            | LB135373      |
| CCB07                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 17:00            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 17:00            | LB135373      |
| CCB08                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 18:00            | LB135373      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB08                                      | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 18:00            | LB135373      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 18:00            | LB135373      |
| CCB09                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/10/2025       | 18:23            | LB135373      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/10/2025       | 18:23            | LB135373      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |          | <b>SDG No.:</b> Q1746 |                     |                  |       |                 |                  |                  |               |
|--------------------------------------------|----------|-----------------------|---------------------|------------------|-------|-----------------|------------------|------------------|---------------|
| <b>Contract:</b>                           | PORT06   | <b>Lab Code:</b>      | CHEM                | <b>Case No.:</b> | Q1746 | <b>SAS No.:</b> | Q1746            |                  |               |
| Sample ID                                  | Analyte  | Result<br>ug/L        | Acceptance<br>Limit | Conc<br>Qual     | CRQL  | M               | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB09                                      | Thallium | 40.0                  | +/-40.0             | U                | 40.0  | P               | 04/10/2025       | 18:23            | LB135373      |
|                                            | Vanadium | 40.0                  | +/-40.0             | U                | 40.0  | P               | 04/10/2025       | 18:23            | LB135373      |
|                                            | Zinc     | 40.0                  | +/-40.0             | U                | 40.0  | P               | 04/10/2025       | 18:23            | LB135373      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| ICB01                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:05            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:05            | LB135424      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB01                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:35            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 14:35            | LB135424      |
| CCB02                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 15:26            | LB135424      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB02                                      | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 15:26            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 15:26            | LB135424      |
| CCB03                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 16:32            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 16:32            | LB135424      |
| CCB04                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 17:22            | LB135424      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB04                                      | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 17:22            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 17:22            | LB135424      |
| CCB05                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 18:20            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 18:20            | LB135424      |
| CCB06                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 19:11            | LB135424      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB06                                      | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 19:11            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 19:11            | LB135424      |
| CCB07                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:01            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:01            | LB135424      |
| CCB08                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 20:52            | LB135424      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB08                                      | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:52            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 20:52            | LB135424      |
| CCB09                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 21:42            | LB135424      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB09                                      | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 21:42            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 21:42            | LB135424      |
| CCB10                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:32            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:32            | LB135424      |
| CCB11                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:44            | LB135424      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> Portal Partners Tri-Venture |                       | <b>SDG No.:</b> Q1746  |                       |              |      |   |                  |                  |               |
|--------------------------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1746 | <b>SAS No.:</b> Q1746 |              |      |   |                  |                  |               |
| Sample ID                                  | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB11                                      | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:44            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 22:44            | LB135424      |
| CCB12                                      | Aluminum              | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Antimony              | 50.0                   | +/-50.0               | U            | 50.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Barium                | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Beryllium             | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Calcium               | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Cobalt                | 30.0                   | +/-30.0               | U            | 30.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Copper                | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Iron                  | 100                    | +/-100                | U            | 100  | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Magnesium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Manganese             | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Nickel                | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Potassium             | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Sodium                | 2000                   | +/-2000               | U            | 2000 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Thallium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Vanadium              | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 23:11            | LB135424      |
|                                            | Zinc                  | 40.0                   | +/-40.0               | U            | 40.0 | P | 04/14/2025       | 23:11            | LB135424      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB167532BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB167532</b> |    | <b>Prep Date:</b> | <b>04/08/2025</b> |          |
|                   | Mercury | 0.012             | <0.012              | U                    | 0.012           | CV | 04/09/2025        | 11:58             | LB135354 |
| Sample ID         | Analyte | Result<br>(ug/L)  | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB167569BL</b> |         | <b>WATER</b>      |                     | <b>Batch Number:</b> | <b>PB167569</b> |    | <b>Prep Date:</b> | <b>04/10/2025</b> |          |
|                   | Mercury | 0.20              | <0.20               | U                    | 0.20            | CV | 04/11/2025        | 10:35             | LB135388 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB167490BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB167490</b> |   | <b>Prep Date:</b> | <b>04/07/2025</b> |          |
|                   | Aluminum     | 4.12              | <4.12               | U                    | 4.12            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Antimony     | 2.06              | <2.06               | U                    | 2.06            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Arsenic      | 0.82              | <0.82               | U                    | 0.82            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Barium       | 4.12              | <4.12               | U                    | 4.12            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Beryllium    | 0.25              | <0.25               | U                    | 0.25            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Cadmium      | 0.25              | <0.25               | U                    | 0.25            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Calcium      | 82.3              | <82.3               | U                    | 82.3            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Chromium     | 0.41              | <0.41               | U                    | 0.41            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Cobalt       | 1.23              | <1.23               | U                    | 1.23            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Copper       | 0.82              | <0.82               | U                    | 0.82            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Iron         | 4.12              | <4.12               | U                    | 4.12            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Lead         | 0.49              | <0.49               | U                    | 0.49            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Magnesium    | 82.3              | <82.3               | U                    | 82.3            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Manganese    | 0.82              | <0.82               | U                    | 0.82            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Nickel       | 1.65              | <1.65               | U                    | 1.65            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Potassium    | 82.3              | <82.3               | U                    | 82.3            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Selenium     | 0.82              | <0.82               | U                    | 0.82            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Silver       | 0.41              | <0.41               | U                    | 0.41            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Sodium       | 82.3              | <82.3               | U                    | 82.3            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Thallium     | 1.65              | <1.65               | U                    | 1.65            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Vanadium     | 1.65              | <1.65               | U                    | 1.65            | P | 04/10/2025        | 16:26             | LB135373 |
|                   | Zinc         | 1.65              | <1.65               | U                    | 1.65            | P | 04/10/2025        | 16:26             | LB135373 |
| Sample ID         | Analyte      | Result<br>(ug/L)  | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB167500BL</b> | <b>WATER</b> |                   |                     | <b>Batch Number:</b> | <b>PB167500</b> |   | <b>Prep Date:</b> | <b>04/08/2025</b> |          |
|                   | Aluminum     | 50.0              | <50.0               | U                    | 50.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Antimony     | 25.0              | <25.0               | U                    | 25.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Arsenic      | 10.0              | <10.0               | U                    | 10.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Barium       | 50.0              | <50.0               | U                    | 50.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Beryllium    | 3.00              | <3.00               | U                    | 3.00            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Cadmium      | 3.00              | <3.00               | U                    | 3.00            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Calcium      | 1000              | <1000               | U                    | 1000            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Chromium     | 5.00              | <5.00               | U                    | 5.00            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Cobalt       | 15.0              | <15.0               | U                    | 15.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Copper       | 10.0              | <10.0               | U                    | 10.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Iron         | 50.0              | <50.0               | U                    | 50.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Lead         | 6.00              | <6.00               | U                    | 6.00            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Magnesium    | 1000              | <1000               | U                    | 1000            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Manganese    | 10.0              | <10.0               | U                    | 10.0            | P | 04/14/2025        | 18:50             | LB135424 |
|                   | Nickel       | 20.0              | <20.0               | U                    | 20.0            | P | 04/14/2025        | 18:50             | LB135424 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Instrument:** P4

|           |      |       |   |      |   |            |       |          |
|-----------|------|-------|---|------|---|------------|-------|----------|
| Potassium | 1000 | <1000 | U | 1000 | P | 04/14/2025 | 18:50 | LB135424 |
| Selenium  | 10.0 | <10.0 | U | 10.0 | P | 04/14/2025 | 18:50 | LB135424 |
| Silver    | 5.00 | <5.00 | U | 5.00 | P | 04/14/2025 | 18:50 | LB135424 |
| Sodium    | 1000 | <1000 | U | 1000 | P | 04/14/2025 | 18:50 | LB135424 |
| Thallium  | 20.0 | <20.0 | U | 20.0 | P | 04/14/2025 | 18:50 | LB135424 |
| Vanadium  | 20.0 | <20.0 | U | 20.0 | P | 04/14/2025 | 18:50 | LB135424 |
| Zinc      | 20.0 | <20.0 | U | 20.0 | P | 04/14/2025 | 18:50 | LB135424 |



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV82     | Mercury | 3.62           | 4.0        | 90            | 90 - 110                  | CV | 04/09/2025       | 11:34            | LB135354      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV49     | Mercury | 5.13           | 5.0        | 103           | 90 - 110                  | CV | 04/09/2025       | 11:43            | LB135354      |
| CCV50     | Mercury | 4.80           | 5.0        | 96            | 90 - 110                  | CV | 04/09/2025       | 12:17            | LB135354      |
| CCV51     | Mercury | 5.07           | 5.0        | 101           | 90 - 110                  | CV | 04/09/2025       | 12:46            | LB135354      |
| CCV52     | Mercury | 4.60           | 5.0        | 92            | 90 - 110                  | CV | 04/09/2025       | 13:58            | LB135354      |
| CCV53     | Mercury | 4.96           | 5.0        | 99            | 90 - 110                  | CV | 04/09/2025       | 14:18            | LB135354      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV84     | Mercury | 3.61           | 4.0        | 90            | 90 - 110                  | CV | 04/11/2025       | 10:03            | LB135388      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV59     | Mercury | 5.05           | 5.0        | 101           | 90 - 110                  | CV | 04/11/2025       | 10:07            | LB135388      |
| CCV60     | Mercury | 4.52           | 5.0        | 90            | 90 - 110                  | CV | 04/11/2025       | 10:37            | LB135388      |
| CCV61     | Mercury | 4.67           | 5.0        | 93            | 90 - 110                  | CV | 04/11/2025       | 11:14            | LB135388      |
| CCV62     | Mercury | 4.81           | 5.0        | 96            | 90 - 110                  | CV | 04/11/2025       | 11:41            | LB135388      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 2380           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Antimony  | 1000           | 1000       | 100           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Arsenic   | 985            | 1000       | 98            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Barium    | 534            | 520        | 103           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Beryllium | 469            | 510        | 92            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Cadmium   | 483            | 510        | 95            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Calcium   | 9300           | 10000      | 93            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Chromium  | 505            | 520        | 97            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Cobalt    | 488            | 520        | 94            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Copper    | 517            | 510        | 102           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Iron      | 10300          | 10000      | 103           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Lead      | 951            | 1000       | 95            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Magnesium | 5420           | 6000       | 90            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Manganese | 468            | 520        | 90            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Nickel    | 497            | 530        | 94            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Potassium | 10200          | 9900       | 103           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Selenium  | 1030           | 1000       | 103           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Silver    | 245            | 250        | 98            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Sodium    | 10300          | 10000      | 103           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Thallium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Vanadium  | 460            | 500        | 92            | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |
|           | Zinc      | 996            | 1000       | 100           | 90 - 110                  | P | 04/10/2025       | 10:09            | LB135373      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 93.1           | 100        | 93            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Antimony  | 51.6           | 50.0       | 103           | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Arsenic   | 18.5           | 20.0       | 92            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Barium    | 85.5           | 100        | 86            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Beryllium | 5.39           | 6.0        | 90            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Cadmium   | 5.62           | 6.0        | 94            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Calcium   | 1880           | 2000       | 94            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Chromium  | 9.56           | 10.0       | 96            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Cobalt    | 28.1           | 30.0       | 94            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Copper    | 21.9           | 20.0       | 110           | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Iron      | 89.9           | 100        | 90            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Lead      | 9.94           | 12.0       | 83            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Magnesium | 1990           | 2000       | 99            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Manganese | 20.8           | 20.0       | 104           | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Nickel    | 37.7           | 40.0       | 94            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Potassium | 1810           | 2000       | 91            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Selenium  | 18.9           | 20.0       | 94            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Silver    | 10.5           | 10.0       | 104           | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Sodium    | 1770           | 2000       | 88            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Thallium  | 38.9           | 40.0       | 97            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Vanadium  | 37.1           | 40.0       | 93            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |
|           | Zinc      | 39.6           | 40.0       | 99            | 80 - 120                  | P | 04/10/2025       | 10:25            | LB135373      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9820           | 10000      | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Antimony  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Arsenic   | 4750           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Barium    | 9770           | 10000      | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Beryllium | 246            | 250        | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Cadmium   | 2340           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Iron      | 5250           | 5000       | 105           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Lead      | 5240           | 5000       | 105           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Manganese | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Nickel    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Potassium | 26900          | 25000      | 108           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Selenium  | 4820           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Sodium    | 22500          | 25000      | 90            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Thallium  | 4770           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
|           | Zinc      | 2540           | 2500       | 102           | 90 - 110                  | P | 04/10/2025       | 11:00            | LB135373      |
| CCV02     | Aluminum  | 9830           | 10000      | 98            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Antimony  | 4970           | 5000       | 99            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Arsenic   | 4800           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Barium    | 9680           | 10000      | 97            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Beryllium | 249            | 250        | 100           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Cadmium   | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Copper    | 1270           | 1250       | 102           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Iron      | 5230           | 5000       | 104           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Lead      | 4720           | 5000       | 94            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24100          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Manganese | 2340           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Potassium | 26800          | 25000      | 107           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Selenium  | 4860           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Sodium    | 27100          | 25000      | 108           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Thallium  | 4860           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Vanadium  | 2430           | 2500       | 97            | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
|           | Zinc      | 2530           | 2500       | 101           | 90 - 110                  | P | 04/10/2025       | 12:08            | LB135373      |
| CCV03     | Aluminum  | 9940           | 10000      | 99            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Antimony  | 5070           | 5000       | 101           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Arsenic   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Barium    | 10100          | 10000      | 101           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Beryllium | 235            | 250        | 94            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Cadmium   | 2360           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Iron      | 5230           | 5000       | 105           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Lead      | 4740           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Manganese | 2370           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Nickel    | 2490           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Potassium | 23300          | 25000      | 93            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Selenium  | 4990           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Silver    | 1270           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Sodium    | 24300          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Thallium  | 4840           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Vanadium  | 2470           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 04/10/2025       | 12:59            | LB135373      |
| CCV04     | Aluminum  | 9990           | 10000      | 100           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Antimony  | 5040           | 5000       | 101           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4880           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Barium    | 9600           | 10000      | 96            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Beryllium | 239            | 250        | 96            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Cadmium   | 2380           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Cobalt    | 2490           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Iron      | 4980           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Lead      | 4760           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Magnesium | 24400          | 25000      | 98            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Nickel    | 2500           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Potassium | 25400          | 25000      | 101           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Selenium  | 4960           | 5000       | 99            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Silver    | 1270           | 1250       | 102           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Sodium    | 26400          | 25000      | 106           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Thallium  | 4980           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
|           | Zinc      | 2570           | 2500       | 103           | 90 - 110                  | P | 04/10/2025       | 13:51            | LB135373      |
| CCV05     | Aluminum  | 9910           | 10000      | 99            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Antimony  | 5000           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Arsenic   | 4820           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Barium    | 9730           | 10000      | 97            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Beryllium | 230            | 250        | 92            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Cadmium   | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Iron      | 5160           | 5000       | 103           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Lead      | 4720           | 5000       | 94            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Magnesium | 24100          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Manganese | 2360           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Potassium | 26100          | 25000      | 105           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Selenium  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Silver    | 1270           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Sodium    | 26900          | 25000      | 108           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Thallium  | 4830           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Vanadium  | 2440           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
|           | Zinc      | 2550           | 2500       | 102           | 90 - 110                  | P | 04/10/2025       | 14:44            | LB135373      |
| CCV06     | Aluminum  | 9970           | 10000      | 100           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Antimony  | 4960           | 5000       | 99            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Arsenic   | 4780           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Barium    | 9640           | 10000      | 96            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Beryllium | 228            | 250        | 91            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Cadmium   | 2340           | 2500       | 93            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Copper    | 1270           | 1250       | 102           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Iron      | 5060           | 5000       | 101           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Lead      | 4690           | 5000       | 94            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Magnesium | 24200          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Potassium | 25700          | 25000      | 103           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Selenium  | 4850           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Silver    | 1260           | 1250       | 100           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Sodium    | 26500          | 25000      | 106           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Thallium  | 4770           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 04/10/2025       | 15:44            | LB135373      |
| CCV07     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Antimony  | 5100           | 5000       | 102           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Arsenic   | 4920           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Barium    | 9570           | 10000      | 96            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 241            | 250        | 96            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Cadmium   | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Iron      | 4820           | 5000       | 96            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Lead      | 4740           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Magnesium | 24500          | 25000      | 98            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Nickel    | 2500           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Potassium | 24200          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Selenium  | 5020           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Sodium    | 25500          | 25000      | 102           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Thallium  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 04/10/2025       | 16:56            | LB135373      |
| CCV08     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Antimony  | 5060           | 5000       | 101           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Arsenic   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Barium    | 9470           | 10000      | 95            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Beryllium | 233            | 250        | 93            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Cadmium   | 2360           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Calcium   | 23900          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Chromium  | 1030           | 1000       | 103           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Cobalt    | 2460           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Iron      | 5030           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Lead      | 4740           | 5000       | 95            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Magnesium | 24300          | 25000      | 97            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Manganese | 2330           | 2500       | 93            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Nickel    | 2500           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Potassium | 25100          | 25000      | 100           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture      SDG No.: Q1746

Contract: PORT06      Lab Code: CHEM      Case No.: Q1746      SAS No.: Q1746

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV08     | Selenium  | 4980           | 5000       | 100           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Sodium    | 26300          | 25000      | 105           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Thallium  | 4870           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Vanadium  | 2410           | 2500       | 97            | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
|           | Zinc      | 2550           | 2500       | 102           | 90 - 110                  | P | 04/10/2025       | 17:56            | LB135373      |
| CCV09     | Aluminum  | 9970           | 10000      | 100           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Antimony  | 5050           | 5000       | 101           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Arsenic   | 4850           | 5000       | 97            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Barium    | 9730           | 10000      | 97            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Beryllium | 247            | 250        | 99            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Cadmium   | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Calcium   | 23900          | 25000      | 95            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Chromium  | 1000           | 1000       | 100           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Cobalt    | 2460           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Iron      | 5130           | 5000       | 103           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Lead      | 4720           | 5000       | 94            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Manganese | 2350           | 2500       | 94            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Potassium | 26400          | 25000      | 105           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Selenium  | 4930           | 5000       | 99            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Sodium    | 27400          | 25000      | 110           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Thallium  | 4700           | 5000       | 94            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |
|           | Zinc      | 2500           | 2500       | 100           | 90 - 110                  | P | 04/10/2025       | 18:19            | LB135373      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 2360           | 2500       | 94            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Antimony  | 1040           | 1000       | 104           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Arsenic   | 1060           | 1000       | 106           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Barium    | 534            | 520        | 103           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Beryllium | 496            | 510        | 97            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Cadmium   | 507            | 510        | 99            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Calcium   | 9360           | 10000      | 94            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Chromium  | 507            | 520        | 98            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Cobalt    | 490            | 520        | 94            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Copper    | 513            | 510        | 100           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Iron      | 9380           | 10000      | 94            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Lead      | 1000           | 1000       | 100           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Magnesium | 5990           | 6000       | 100           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Manganese | 483            | 520        | 93            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Nickel    | 494            | 530        | 93            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Potassium | 9740           | 9900       | 98            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Selenium  | 1050           | 1000       | 105           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Silver    | 246            | 250        | 98            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Sodium    | 10100          | 10000      | 101           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Thallium  | 1030           | 1000       | 103           | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Vanadium  | 474            | 500        | 95            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |
|           | Zinc      | 994            | 1000       | 99            | 90 - 110                  | P | 04/14/2025       | 13:56            | LB135424      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 97.5           | 100        | 98            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Antimony  | 53.2           | 50.0       | 106           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Arsenic   | 22.8           | 20.0       | 114           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Barium    | 96.1           | 100        | 96            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Beryllium | 6.00           | 6.0        | 100           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Cadmium   | 6.12           | 6.0        | 102           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Calcium   | 1980           | 2000       | 99            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Chromium  | 9.81           | 10.0       | 98            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Cobalt    | 29.6           | 30.0       | 98            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Copper    | 22.6           | 20.0       | 113           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Iron      | 99.4           | 100        | 99            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Lead      | 12.4           | 12.0       | 103           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Magnesium | 2080           | 2000       | 104           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Manganese | 20.6           | 20.0       | 103           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Nickel    | 39.5           | 40.0       | 99            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Potassium | 1920           | 2000       | 96            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Selenium  | 19.0           | 20.0       | 95            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Silver    | 10.0           | 10.0       | 100           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Sodium    | 1840           | 2000       | 92            | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Thallium  | 41.8           | 40.0       | 105           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Vanadium  | 40.4           | 40.0       | 101           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |
|           | Zinc      | 41.6           | 40.0       | 104           | 80 - 120                  | P | 04/14/2025       | 14:01            | LB135424      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9750           | 10000      | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Antimony  | 4920           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Arsenic   | 4910           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Barium    | 9640           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Beryllium | 256            | 250        | 102           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Cadmium   | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Calcium   | 24400          | 25000      | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Chromium  | 1000           | 1000       | 100           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Copper    | 1240           | 1250       | 100           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Iron      | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Lead      | 4940           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Magnesium | 24400          | 25000      | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Manganese | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Nickel    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Potassium | 23800          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Selenium  | 4930           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Sodium    | 23800          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Thallium  | 5050           | 5000       | 101           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Vanadium  | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
|           | Zinc      | 2510           | 2500       | 100           | 90 - 110                  | P | 04/14/2025       | 14:31            | LB135424      |
| CCV02     | Aluminum  | 9730           | 10000      | 97            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Antimony  | 4950           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Arsenic   | 4930           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Beryllium | 246            | 250        | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Cadmium   | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Chromium  | 995            | 1000       | 100           | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Iron      | 4880           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Lead      | 4930           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Manganese | 2410           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Nickel    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Potassium | 24300          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Selenium  | 4970           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Sodium    | 24400          | 25000      | 98            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Thallium  | 4980           | 5000       | 100           | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
|           | Zinc      | 2480           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 15:22            | LB135424      |
| CCV03     | Aluminum  | 9760           | 10000      | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Antimony  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Arsenic   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Barium    | 9870           | 10000      | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Beryllium | 248            | 250        | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Calcium   | 24400          | 25000      | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Chromium  | 983            | 1000       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Iron      | 4970           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Lead      | 4930           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Magnesium | 24200          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Manganese | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Potassium | 26100          | 25000      | 104           | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Selenium  | 4900           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Silver    | 1230           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Sodium    | 26500          | 25000      | 106           | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Thallium  | 4870           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
|           | Zinc      | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 16:28            | LB135424      |
| CCV04     | Aluminum  | 9710           | 10000      | 97            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Antimony  | 4930           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4920           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Beryllium | 248            | 250        | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Cadmium   | 2480           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Chromium  | 1000           | 1000       | 100           | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Iron      | 4930           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Lead      | 4940           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Magnesium | 24100          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Manganese | 2410           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Potassium | 26000          | 25000      | 104           | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Selenium  | 4950           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Thallium  | 4960           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
|           | Zinc      | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 17:18            | LB135424      |
| CCV05     | Aluminum  | 9700           | 10000      | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Antimony  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Arsenic   | 4860           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Barium    | 9570           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Beryllium | 256            | 250        | 102           | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Calcium   | 24300          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Chromium  | 986            | 1000       | 99            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Iron      | 4770           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Lead      | 4920           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Magnesium | 24200          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Manganese | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
 Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
 Initial Calibration Source: EPA  
 Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Potassium | 23600          | 25000      | 94            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Selenium  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Sodium    | 23400          | 25000      | 94            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Thallium  | 4910           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Vanadium  | 2440           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
|           | Zinc      | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 18:16            | LB135424      |
| CCV06     | Aluminum  | 9630           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Antimony  | 4840           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Arsenic   | 4780           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Barium    | 9740           | 10000      | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Beryllium | 252            | 250        | 101           | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Cadmium   | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Chromium  | 957            | 1000       | 96            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Cobalt    | 2460           | 2500       | 99            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Copper    | 1230           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Iron      | 4560           | 5000       | 91            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Lead      | 4870           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Manganese | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Nickel    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Potassium | 24300          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Selenium  | 4820           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Silver    | 1190           | 1250       | 95            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Sodium    | 24200          | 25000      | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Thallium  | 4870           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Vanadium  | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
|           | Zinc      | 2350           | 2500       | 94            | 90 - 110                  | P | 04/14/2025       | 19:07            | LB135424      |
| CCV07     | Aluminum  | 9540           | 10000      | 95            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Antimony  | 4810           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Arsenic   | 4740           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Barium    | 9610           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 240            | 250        | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Cadmium   | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Chromium  | 974            | 1000       | 97            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Cobalt    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Iron      | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Lead      | 4820           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Magnesium | 23700          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Nickel    | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Potassium | 25300          | 25000      | 101           | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Selenium  | 4770           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Silver    | 1200           | 1250       | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Sodium    | 25400          | 25000      | 102           | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Thallium  | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Vanadium  | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
|           | Zinc      | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 19:57            | LB135424      |
| CCV08     | Aluminum  | 9600           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Antimony  | 4870           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Arsenic   | 4810           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Barium    | 9830           | 10000      | 98            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Beryllium | 242            | 250        | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Chromium  | 955            | 1000       | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Copper    | 1230           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Iron      | 4750           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Lead      | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Magnesium | 23600          | 25000      | 94            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Manganese | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Potassium | 23800          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV08     | Selenium  | 4860           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Silver    | 1190           | 1250       | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Sodium    | 24000          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Thallium  | 4810           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
|           | Zinc      | 2390           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 20:48            | LB135424      |
| CCV09     | Aluminum  | 9520           | 10000      | 95            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Antimony  | 4820           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Arsenic   | 4770           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Barium    | 9610           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Beryllium | 246            | 250        | 98            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Cadmium   | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Calcium   | 23900          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Chromium  | 973            | 1000       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Cobalt    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Iron      | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Lead      | 4840           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Magnesium | 23600          | 25000      | 94            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Nickel    | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Potassium | 25400          | 25000      | 102           | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Selenium  | 4800           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Silver    | 1220           | 1250       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Sodium    | 25700          | 25000      | 103           | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Thallium  | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Vanadium  | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
|           | Zinc      | 2410           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 21:38            | LB135424      |
| CCV10     | Aluminum  | 9550           | 10000      | 96            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Antimony  | 4880           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Arsenic   | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Barium    | 9670           | 10000      | 97            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Beryllium | 243            | 250        | 97            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Cadmium   | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1746  
Contract: PORT06 Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV10     | Calcium   | 23800          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Chromium  | 977            | 1000       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Copper    | 1230           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Iron      | 4880           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Lead      | 4870           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Magnesium | 23600          | 25000      | 95            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Potassium | 24400          | 25000      | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Selenium  | 4880           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Silver    | 1220           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Sodium    | 24000          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Thallium  | 4900           | 5000       | 98            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Vanadium  | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
| CCV11     | Zinc      | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 22:28            | LB135424      |
|           | Aluminum  | 9490           | 10000      | 95            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Antimony  | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Arsenic   | 4800           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Barium    | 9830           | 10000      | 98            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Beryllium | 241            | 250        | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Cadmium   | 2450           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Chromium  | 958            | 1000       | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Copper    | 1230           | 1250       | 99            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Iron      | 4930           | 5000       | 99            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Lead      | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Magnesium | 23500          | 25000      | 94            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Manganese | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Potassium | 25200          | 25000      | 101           | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Selenium  | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Silver    | 1210           | 1250       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture      SDG No.: Q1746

Contract: PORT06      Lab Code: CHEM      Case No.: Q1746      SAS No.: Q1746

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV11     | Sodium    | 25700          | 25000      | 103           | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Thallium  | 4870           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Vanadium  | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
|           | Zinc      | 2400           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 22:40            | LB135424      |
| CCV12     | Aluminum  | 9430           | 10000      | 94            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Antimony  | 4830           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Arsenic   | 4760           | 5000       | 95            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Barium    | 9900           | 10000      | 99            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Beryllium | 229            | 250        | 92            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Cadmium   | 2430           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Calcium   | 23900          | 25000      | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Chromium  | 965            | 1000       | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Cobalt    | 2440           | 2500       | 98            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Iron      | 5060           | 5000       | 101           | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Lead      | 4830           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Magnesium | 23200          | 25000      | 93            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Nickel    | 2420           | 2500       | 97            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Potassium | 27200          | 25000      | 109           | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Selenium  | 4800           | 5000       | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Silver    | 1200           | 1250       | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Sodium    | 27500          | 25000      | 110           | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Thallium  | 4850           | 5000       | 97            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Vanadium  | 2380           | 2500       | 95            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |
|           | Zinc      | 2410           | 2500       | 96            | 90 - 110                  | P | 04/14/2025       | 23:06            | LB135424      |

# Metals

- 2b -

## CRDL STANDARD FOR AA & ICP

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Initial Calibration Source:** \_\_\_\_\_  
**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CRA       | Mercury   | 0.17           | 0.2                | 86            | 40 - 160                  | CV | 04/09/2025       | 11:47            | LB135354      |
| CRI01     | Aluminum  | 98.0           | 100                | 98            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Antimony  | 51.0           | 50.0               | 102           | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Arsenic   | 18.9           | 20.0               | 95            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Barium    | 85.4           | 100                | 85            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Beryllium | 5.48           | 6.0                | 91            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Cadmium   | 5.51           | 6.0                | 92            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Calcium   | 1880           | 2000               | 94            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Chromium  | 9.42           | 10.0               | 94            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Cobalt    | 28.2           | 30.0               | 94            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Copper    | 21.9           | 20.0               | 109           | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Iron      | 102            | 100                | 102           | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Lead      | 11.6           | 12.0               | 97            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Magnesium | 1980           | 2000               | 99            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Manganese | 15.0           | 20.0               | 75            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Nickel    | 38.0           | 40.0               | 95            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Potassium | 1960           | 2000               | 98            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Selenium  | 18.1           | 20.0               | 91            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Silver    | 10.4           | 10.0               | 104           | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Sodium    | 1480           | 2000               | 74            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Thallium  | 38.3           | 40.0               | 96            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Vanadium  | 36.3           | 40.0               | 91            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
|           | Zinc      | 39.6           | 40.0               | 99            | 40 - 160                  | P  | 04/10/2025       | 10:33            | LB135373      |
| CRA       | Mercury   | 0.21           | 0.2                | 104           | 40 - 160                  | CV | 04/11/2025       | 10:12            | LB135388      |
| CRI01     | Aluminum  | 91.7           | 100                | 92            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Antimony  | 51.7           | 50.0               | 103           | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Arsenic   | 22.3           | 20.0               | 112           | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Barium    | 95.6           | 100                | 96            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Beryllium | 5.76           | 6.0                | 96            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Cadmium   | 6.08           | 6.0                | 101           | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Calcium   | 1970           | 2000               | 98            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Chromium  | 9.67           | 10.0               | 97            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Cobalt    | 29.3           | 30.0               | 98            | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Copper    | 22.7           | 20.0               | 113           | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |
|           | Iron      | 102            | 100                | 102           | 40 - 160                  | P  | 04/14/2025       | 14:09            | LB135424      |

**Metals**

**- 2b -**

**CRDL STANDARD FOR AA & ICP**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746

**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

**Initial Calibration Source:** \_\_\_\_\_

**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI01     | Lead      | 12.2           | 12.0               | 102           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Magnesium | 2060           | 2000               | 103           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Manganese | 20.4           | 20.0               | 102           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Nickel    | 39.4           | 40.0               | 98            | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Potassium | 1930           | 2000               | 97            | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Selenium  | 19.6           | 20.0               | 98            | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Silver    | 9.88           | 10.0               | 99            | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Sodium    | 1840           | 2000               | 92            | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Thallium  | 41.8           | 40.0               | 104           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Vanadium  | 40.7           | 40.0               | 102           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |
|           | Zinc      | 41.0           | 40.0               | 102           | 40 - 160                  | P | 04/14/2025       | 14:09            | LB135424      |

**Metals**  
- 4 -  
**INTERFERENCE CHECK SAMPLE**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Aluminum  | 243000         | 255000             | 95            | 216000                 | 294000                  | 04/10/2025       | 10:37            | LB135373      |
|           | Antimony  | -1.86          |                    |               | -50                    | 50                      | 04/10/2025       | 10:37            | LB135373      |
|           | Arsenic   | 5.16           |                    |               | -20                    | 20                      | 04/10/2025       | 10:37            | LB135373      |
|           | Barium    | -3.92          | 6.0                | 65            | -94                    | 106                     | 04/10/2025       | 10:37            | LB135373      |
|           | Beryllium | 1.14           |                    |               | -6                     | 6                       | 04/10/2025       | 10:37            | LB135373      |
|           | Cadmium   | -3.53          | 1.0                | 353           | -5                     | 7                       | 04/10/2025       | 10:37            | LB135373      |
|           | Calcium   | 227000         | 245000             | 93            | 208000                 | 282000                  | 04/10/2025       | 10:37            | LB135373      |
|           | Chromium  | 55.8           | 52.0               | 107           | 42                     | 62                      | 04/10/2025       | 10:37            | LB135373      |
|           | Cobalt    | 1.58           |                    |               | -30                    | 30                      | 04/10/2025       | 10:37            | LB135373      |
|           | Copper    | -4.96          | 2.0                | 248           | -18                    | 22                      | 04/10/2025       | 10:37            | LB135373      |
|           | Iron      | 107000         | 101000             | 106           | 85600                  | 116500                  | 04/10/2025       | 10:37            | LB135373      |
|           | Lead      | 7.32           |                    |               | -12                    | 12                      | 04/10/2025       | 10:37            | LB135373      |
|           | Magnesium | 243000         | 255000             | 95            | 216000                 | 294000                  | 04/10/2025       | 10:37            | LB135373      |
|           | Manganese | 0.78           | 7.0                | 11            | -13                    | 27                      | 04/10/2025       | 10:37            | LB135373      |
|           | Nickel    | 2.46           | 2.0                | 123           | -38                    | 42                      | 04/10/2025       | 10:37            | LB135373      |
|           | Potassium | -132           |                    |               | 0                      | 0                       | 04/10/2025       | 10:37            | LB135373      |
|           | Selenium  | -8.19          |                    |               | -20                    | 20                      | 04/10/2025       | 10:37            | LB135373      |
|           | Silver    | 3.75           |                    |               | -10                    | 10                      | 04/10/2025       | 10:37            | LB135373      |
|           | Sodium    | -202           |                    |               | 0                      | 0                       | 04/10/2025       | 10:37            | LB135373      |
|           | Thallium  | 9.79           |                    |               | -40                    | 40                      | 04/10/2025       | 10:37            | LB135373      |
|           | Vanadium  | 2.28           |                    |               | -40                    | 40                      | 04/10/2025       | 10:37            | LB135373      |
|           | Zinc      | 2.74           |                    |               | -40                    | 40                      | 04/10/2025       | 10:37            | LB135373      |
| ICSAB01   | Aluminum  | 236000         | 247000             | 96            | 209000                 | 285000                  | 04/10/2025       | 10:42            | LB135373      |
|           | Antimony  | 624            | 618                | 101           | 525                    | 711                     | 04/10/2025       | 10:42            | LB135373      |
|           | Arsenic   | 111            | 104                | 107           | 88.4                   | 120                     | 04/10/2025       | 10:42            | LB135373      |
|           | Barium    | 459            | 537                | 86            | 437                    | 637                     | 04/10/2025       | 10:42            | LB135373      |
|           | Beryllium | 525            | 495                | 106           | 420                    | 570                     | 04/10/2025       | 10:42            | LB135373      |
|           | Cadmium   | 981            | 972                | 101           | 826                    | 1120                    | 04/10/2025       | 10:42            | LB135373      |
|           | Calcium   | 219000         | 235000             | 93            | 199000                 | 271000                  | 04/10/2025       | 10:42            | LB135373      |
|           | Chromium  | 553            | 542                | 102           | 460                    | 624                     | 04/10/2025       | 10:42            | LB135373      |
|           | Cobalt    | 498            | 476                | 105           | 404                    | 548                     | 04/10/2025       | 10:42            | LB135373      |
|           | Copper    | 500            | 511                | 98            | 434                    | 588                     | 04/10/2025       | 10:42            | LB135373      |
|           | Iron      | 93600          | 99300              | 94            | 84400                  | 114500                  | 04/10/2025       | 10:42            | LB135373      |
|           | Lead      | 57.3           | 49.0               | 117           | 37                     | 61                      | 04/10/2025       | 10:42            | LB135373      |
|           | Magnesium | 237000         | 248000             | 96            | 210000                 | 286000                  | 04/10/2025       | 10:42            | LB135373      |
|           | Manganese | 454            | 507                | 90            | 430                    | 584                     | 04/10/2025       | 10:42            | LB135373      |
|           | Nickel    | 995            | 954                | 104           | 810                    | 1100                    | 04/10/2025       | 10:42            | LB135373      |
|           | Potassium | -183           |                    |               | 0                      | 0                       | 04/10/2025       | 10:42            | LB135373      |
|           | Selenium  | 36.7           | 46.0               | 80            | 26                     | 66                      | 04/10/2025       | 10:42            | LB135373      |
|           | Silver    | 186            | 201                | 92            | 170                    | 232                     | 04/10/2025       | 10:42            | LB135373      |
|           | Sodium    | -267           |                    |               | 0                      | 0                       | 04/10/2025       | 10:42            | LB135373      |
|           | Thallium  | 103            | 108                | 95            | 68                     | 148                     | 04/10/2025       | 10:42            | LB135373      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                            |                          |
|--------------------------------------------|--------------------------|
| <b>Client:</b> Portal Partners Tri-Venture | <b>SDG No.:</b> Q1746    |
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM    |
| <b>Case No.:</b> Q1746                     | <b>SAS No.:</b> Q1746    |
| <b>ICS Source:</b> EPA                     | <b>Instrument ID:</b> P4 |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium  | 460            | 491                | 94            | 417                    | 565                     | 04/10/2025       | 10:42            | LB135373      |
|           | Zinc      | 1060           | 952                | 111           | 809                    | 1095                    | 04/10/2025       | 10:42            | LB135373      |
| ICSA01    | Aluminum  | 236000         | 255000             | 92            | 216000                 | 294000                  | 04/14/2025       | 14:14            | LB135424      |
|           | Antimony  | 1.38           |                    |               | -50                    | 50                      | 04/14/2025       | 14:14            | LB135424      |
|           | Arsenic   | 10.8           |                    |               | -20                    | 20                      | 04/14/2025       | 14:14            | LB135424      |
|           | Barium    | 4.69           | 6.0                | 78            | -94                    | 106                     | 04/14/2025       | 14:14            | LB135424      |
|           | Beryllium | 1.32           |                    |               | -6                     | 6                       | 04/14/2025       | 14:14            | LB135424      |
|           | Cadmium   | -1.94          | 1.0                | 194           | -5                     | 7                       | 04/14/2025       | 14:14            | LB135424      |
|           | Calcium   | 226000         | 245000             | 92            | 208000                 | 282000                  | 04/14/2025       | 14:14            | LB135424      |
|           | Chromium  | 55.2           | 52.0               | 106           | 42                     | 62                      | 04/14/2025       | 14:14            | LB135424      |
|           | Cobalt    | 1.77           |                    |               | -30                    | 30                      | 04/14/2025       | 14:14            | LB135424      |
|           | Copper    | 9.26           | 2.0                | 463           | -18                    | 22                      | 04/14/2025       | 14:14            | LB135424      |
|           | Iron      | 99000          | 101000             | 98            | 85600                  | 116500                  | 04/14/2025       | 14:14            | LB135424      |
|           | Lead      | 5.03           |                    |               | -12                    | 12                      | 04/14/2025       | 14:14            | LB135424      |
|           | Magnesium | 242000         | 255000             | 95            | 216000                 | 294000                  | 04/14/2025       | 14:14            | LB135424      |
|           | Manganese | -0.13          | 7.0                | 2             | -13                    | 27                      | 04/14/2025       | 14:14            | LB135424      |
|           | Nickel    | 1.20           | 2.0                | 60            | -38                    | 42                      | 04/14/2025       | 14:14            | LB135424      |
|           | Potassium | 11.8           |                    |               | 0                      | 0                       | 04/14/2025       | 14:14            | LB135424      |
|           | Selenium  | -0.72          |                    |               | -20                    | 20                      | 04/14/2025       | 14:14            | LB135424      |
|           | Silver    | -3.74          |                    |               | -10                    | 10                      | 04/14/2025       | 14:14            | LB135424      |
|           | Sodium    | 81.4           |                    |               | 0                      | 0                       | 04/14/2025       | 14:14            | LB135424      |
|           | Thallium  | 5.49           |                    |               | -40                    | 40                      | 04/14/2025       | 14:14            | LB135424      |
|           | Vanadium  | 3.78           |                    |               | -40                    | 40                      | 04/14/2025       | 14:14            | LB135424      |
|           | Zinc      | 4.10           |                    |               | -40                    | 40                      | 04/14/2025       | 14:14            | LB135424      |
| ICSAB01   | Aluminum  | 236000         | 247000             | 96            | 209000                 | 285000                  | 04/14/2025       | 14:18            | LB135424      |
|           | Antimony  | 646            | 618                | 104           | 525                    | 711                     | 04/14/2025       | 14:18            | LB135424      |
|           | Arsenic   | 114            | 104                | 110           | 88.4                   | 120                     | 04/14/2025       | 14:18            | LB135424      |
|           | Barium    | 479            | 537                | 89            | 437                    | 637                     | 04/14/2025       | 14:18            | LB135424      |
|           | Beryllium | 493            | 495                | 100           | 420                    | 570                     | 04/14/2025       | 14:18            | LB135424      |
|           | Cadmium   | 1040           | 972                | 107           | 826                    | 1120                    | 04/14/2025       | 14:18            | LB135424      |
|           | Calcium   | 226000         | 235000             | 96            | 199000                 | 271000                  | 04/14/2025       | 14:18            | LB135424      |
|           | Chromium  | 553            | 542                | 102           | 460                    | 624                     | 04/14/2025       | 14:18            | LB135424      |
|           | Cobalt    | 507            | 476                | 106           | 404                    | 548                     | 04/14/2025       | 14:18            | LB135424      |
|           | Copper    | 506            | 511                | 99            | 434                    | 588                     | 04/14/2025       | 14:18            | LB135424      |
|           | Iron      | 95200          | 99300              | 96            | 84400                  | 114500                  | 04/14/2025       | 14:18            | LB135424      |
|           | Lead      | 53.8           | 49.0               | 110           | 37                     | 61                      | 04/14/2025       | 14:18            | LB135424      |
|           | Magnesium | 243000         | 248000             | 98            | 210000                 | 286000                  | 04/14/2025       | 14:18            | LB135424      |
|           | Manganese | 471            | 507                | 93            | 430                    | 584                     | 04/14/2025       | 14:18            | LB135424      |
|           | Nickel    | 1000           | 954                | 105           | 810                    | 1100                    | 04/14/2025       | 14:18            | LB135424      |
|           | Potassium | -12.3          |                    |               | 0                      | 0                       | 04/14/2025       | 14:18            | LB135424      |
|           | Selenium  | 47.1           | 46.0               | 102           | 26                     | 66                      | 04/14/2025       | 14:18            | LB135424      |
|           | Silver    | 179            | 201                | 89            | 170                    | 232                     | 04/14/2025       | 14:18            | LB135424      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**ICS Source:** EPA **Instrument ID:** P4

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Sodium   | 66.6           |                    |               | 0                      | 0                       | 04/14/2025       | 14:18            | LB135424      |
|           | Thallium | 103            | 108                | 95            | 68                     | 148                     | 04/14/2025       | 14:18            | LB135424      |
|           | Vanadium | 473            | 491                | 96            | 417                    | 565                     | 04/14/2025       | 14:18            | LB135424      |
|           | Zinc     | 1040           | 952                | 109           | 809                    | 1095                    | 04/14/2025       | 14:18            | LB135424      |



# METAL QC DATA

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

**client:** Portal Partners Tri-Venture      **level:** low      **sdg no.:** Q1746  
**contract:** PORT06      **lab code:** CHEM      **case no.:** Q1746      **sas no.:** Q1746  
**matrix:** Solid      **sample id:** Q1745-09      **client id:** IB-6.5-WCMS  
**Percent Solids for Sample:** 71.5      **Spiked ID:** Q1745-09MS      **Percent Solids for Spike Sample:** 71.5

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | mg/Kg | 75 - 125               | 5740             |   | 5630             |   | 130            | 82            |      | P |
| Antimony  | mg/Kg | 75 - 125               | 49.3             |   | 3.35             | U | 53.5           | 92            |      | P |
| Arsenic   | mg/Kg | 75 - 125               | 82.2             |   | 36.0             |   | 53.5           | 86            |      | P |
| Barium    | mg/Kg | 75 - 125               | 403              |   | 386              |   | 13.4           | 129           |      | P |
| Beryllium | mg/Kg | 75 - 125               | 10.8             |   | 0.54             |   | 13.4           | 77            |      | P |
| Cadmium   | mg/Kg | 75 - 125               | 12.4             |   | 0.13             | J | 13.4           | 91            |      | P |
| Calcium   | mg/Kg | 75 - 125               | 9880             |   | 9780             |   | 66.9           | 149           |      | P |
| Chromium  | mg/Kg | 75 - 125               | 39.0             |   | 16.2             |   | 26.8           | 85            |      | P |
| Cobalt    | mg/Kg | 75 - 125               | 18.7             |   | 6.11             |   | 13.4           | 94            |      | P |
| Copper    | mg/Kg | 75 - 125               | 230              |   | 217              |   | 20.1           | 63            |      | P |
| Iron      | mg/Kg | 75 - 125               | 18100            |   | 18500            |   | 200            | -219          |      | P |
| Lead      | mg/Kg | 75 - 125               | 740              |   | 694              |   | 66.9           | 69            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 1140             |   | 1030             |   | 130            | 86            |      | P |
| Manganese | mg/Kg | 75 - 125               | 207              |   | 193              |   | 13.4           | 103           |      | P |
| Nickel    | mg/Kg | 75 - 125               | 57.1             |   | 26.1             |   | 33.5           | 93            |      | P |
| Potassium | mg/Kg | 75 - 125               | 1810             |   | 1240             |   | 670            | 85            |      | P |
| Selenium  | mg/Kg | 75 - 125               | 115              |   | 1.34             | U | 130            | 88            |      | P |
| Silver    | mg/Kg | 75 - 125               | 7.33             |   | 3.03             |   | 5.0            | 86            |      | P |
| Sodium    | mg/Kg | 75 - 125               | 1270             |   | 1130             |   | 200            | 73            |      | P |
| Thallium  | mg/Kg | 75 - 125               | 120              |   | 0.76             | J | 130            | 92            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 37.8             |   | 21.1             |   | 20.1           | 83            |      | P |
| Zinc      | mg/Kg | 75 - 125               | 298              |   | 292              |   | 13.4           | 43            |      | P |

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

**client:** Portal Partners Tri-Venture      **level:** low      **sdg no.:** Q1746  
**contract:** PORT06      **lab code:** CHEM      **case no.:** Q1746      **sas no.:** Q1746  
**matrix:** Solid      **sample id:** Q1745-09      **client id:** IB-6.5-WCMSD  
**Percent Solids for Sample:** 71.5      **Spiked ID:** Q1745-09MSD      **Percent Solids for Spike Sample:** 71.5

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | mg/Kg | 75 - 125               | 5680          |   | 5630             |   | 130            | 40            |      | P |
| Antimony  | mg/Kg | 75 - 125               | 47.3          |   | 3.35             | U | 52.5           | 90            |      | P |
| Arsenic   | mg/Kg | 75 - 125               | 79.3          |   | 36.0             |   | 52.5           | 82            |      | P |
| Barium    | mg/Kg | 75 - 125               | 425           |   | 386              |   | 13.1           | 297           |      | P |
| Beryllium | mg/Kg | 75 - 125               | 9.94          |   | 0.54             |   | 13.1           | 72            | N    | P |
| Cadmium   | mg/Kg | 75 - 125               | 11.8          |   | 0.13             | J | 13.1           | 89            |      | P |
| Calcium   | mg/Kg | 75 - 125               | 9780          |   | 9780             |   | 65.7           | -10           |      | P |
| Chromium  | mg/Kg | 75 - 125               | 37.9          |   | 16.2             |   | 26.3           | 82            |      | P |
| Cobalt    | mg/Kg | 75 - 125               | 18.1          |   | 6.11             |   | 13.1           | 91            |      | P |
| Copper    | mg/Kg | 75 - 125               | 223           |   | 217              |   | 19.7           | 28            |      | P |
| Iron      | mg/Kg | 75 - 125               | 18400         |   | 18500            |   | 200            | -31           |      | P |
| Lead      | mg/Kg | 75 - 125               | 725           |   | 694              |   | 65.7           | 47            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 1120          |   | 1030             |   | 130            | 69            |      | P |
| Manganese | mg/Kg | 75 - 125               | 204           |   | 193              |   | 13.1           | 84            |      | P |
| Nickel    | mg/Kg | 75 - 125               | 55.3          |   | 26.1             |   | 32.8           | 89            |      | P |
| Potassium | mg/Kg | 75 - 125               | 1870          |   | 1240             |   | 660            | 94            |      | P |
| Selenium  | mg/Kg | 75 - 125               | 110           |   | 1.34             | U | 130            | 85            |      | P |
| Silver    | mg/Kg | 75 - 125               | 7.24          |   | 3.03             |   | 4.9            | 86            |      | P |
| Sodium    | mg/Kg | 75 - 125               | 1300          |   | 1130             |   | 200            | 84            |      | P |
| Thallium  | mg/Kg | 75 - 125               | 116           |   | 0.76             | J | 130            | 89            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 37.0          |   | 21.1             |   | 19.7           | 81            |      | P |
| Zinc      | mg/Kg | 75 - 125               | 289           |   | 292              |   | 13.1           | -17           |      | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                                   |                                     |                                                            |
|---------------------------------------------------|-------------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>Portal Partners Tri-Venture</u> | <b>level:</b> <u>low</u>            | <b>sdg no.:</b> <u>Q1746</u>                               |
| <b>contract:</b> <u>PORT06</u>                    | <b>lab code:</b> <u>CHEM</u>        | <b>case no.:</b> <u>Q1746</u> <b>sas no.:</b> <u>Q1746</u> |
| <b>matrix:</b> <u>Water</u>                       | <b>sample id:</b> <u>Q1746-05</u>   | <b>client id:</b> <u>B-158-GW01MS</u>                      |
| <b>Percent Solids for Sample:</b> <u>NA</u>       | <b>Spiked ID:</b> <u>Q1746-05MS</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u>          |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 82 - 119               | 2.22             |   | 0.20             | J | 4.0            | 51            | N    | CV |

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

|                                                   |                                      |                                                            |
|---------------------------------------------------|--------------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>Portal Partners Tri-Venture</u> | <b>level:</b> <u>low</u>             | <b>sdg no.:</b> <u>Q1746</u>                               |
| <b>contract:</b> <u>PORT06</u>                    | <b>lab code:</b> <u>CHEM</u>         | <b>case no.:</b> <u>Q1746</u> <b>sas no.:</b> <u>Q1746</u> |
| <b>matrix:</b> <u>Water</u>                       | <b>sample id:</b> <u>Q1746-05</u>    | <b>client id:</b> <u>B-158-GW01MSD</u>                     |
| <b>Percent Solids for Sample:</b> <u>NA</u>       | <b>Spiked ID:</b> <u>Q1746-05MSD</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u>          |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 82 - 119               | 2.16          |   | 0.20             | J | 4.0            | 49            | N    | CV |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                   |                                    |                   |                 |                                         |                     |
|-----------------------------------|------------------------------------|-------------------|-----------------|-----------------------------------------|---------------------|
| <b>client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>level:</b>     | <u>low</u>      | <b>sdg no.:</b>                         | <u>Q1746</u>        |
| <b>contract:</b>                  | <u>PORT06</u>                      | <b>lab code:</b>  | <u>CHEM</u>     | <b>case no.:</b>                        | <u>Q1746</u>        |
| <b>matrix:</b>                    | <u>Water</u>                       | <b>sample id:</b> | <u>Q1746-06</u> | <b>client id:</b>                       | <u>B-149-GW01MS</u> |
| <b>Percent Solids for Sample:</b> | NA                                 | <b>Spiked ID:</b> | Q1746-06MS      | <b>Percent Solids for Spike Sample:</b> | NA                  |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | ug/L  | 75 - 125               | 94900            |   | 77300            |   | 1000           | 1761          |      | P |
| Antimony  | ug/L  | 75 - 125               | 324              |   | 25.0             | U | 400            | 81            |      | P |
| Arsenic   | ug/L  | 75 - 125               | 396              |   | 53.3             |   | 400            | 86            |      | P |
| Barium    | ug/L  | 75 - 125               | 247              |   | 144              |   | 100            | 103           |      | P |
| Beryllium | ug/L  | 75 - 125               | 81.9             |   | 4.92             |   | 100            | 77            |      | P |
| Cadmium   | ug/L  | 75 - 125               | 93.6             |   | 3.00             | U | 100            | 94            |      | P |
| Calcium   | ug/L  | 75 - 125               | 37900            |   | 37000            |   | 500            | 191           |      | P |
| Chromium  | ug/L  | 75 - 125               | 398              |   | 204              |   | 200            | 97            |      | P |
| Cobalt    | ug/L  | 75 - 125               | 166              |   | 56.1             |   | 100            | 110           |      | P |
| Copper    | ug/L  | 75 - 125               | 620              |   | 382              |   | 150            | 158           | N    | P |
| Iron      | ug/L  | 75 - 125               | 168000           |   | 131000           |   | 1500           | 2487          |      | P |
| Lead      | ug/L  | 75 - 125               | 551              |   | 89.6             |   | 500            | 92            |      | P |
| Magnesium | ug/L  | 75 - 125               | 46600            |   | 38600            |   | 1000           | 799           |      | P |
| Manganese | ug/L  | 75 - 125               | 1020             |   | 757              |   | 100            | 268           |      | P |
| Nickel    | ug/L  | 75 - 125               | 403              |   | 143              |   | 250            | 104           |      | P |
| Potassium | ug/L  | 75 - 125               | 41100            |   | 36400            |   | 5000           | 93            |      | P |
| Selenium  | ug/L  | 75 - 125               | 795              |   | 10.0             | U | 1000           | 80            |      | P |
| Silver    | ug/L  | 75 - 125               | 22.2             |   | 5.00             | U | 37.5           | 59            | N    | P |
| Sodium    | ug/L  | 75 - 125               | 144000           |   | 143000           |   | 1500           | 63            |      | P |
| Thallium  | ug/L  | 75 - 125               | 829              |   | 20.0             | U | 1000           | 83            |      | P |
| Vanadium  | ug/L  | 75 - 125               | 345              |   | 198              |   | 150            | 98            |      | P |
| Zinc      | ug/L  | 75 - 125               | 726              |   | 559              |   | 100            | 168           |      | P |

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

|                                   |                                    |                   |                    |                                         |                      |
|-----------------------------------|------------------------------------|-------------------|--------------------|-----------------------------------------|----------------------|
| <b>client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>level:</b>     | <u>low</u>         | <b>sdg no.:</b>                         | <u>Q1746</u>         |
| <b>contract:</b>                  | <u>PORT06</u>                      | <b>lab code:</b>  | <u>CHEM</u>        | <b>case no.:</b>                        | <u>Q1746</u>         |
| <b>matrix:</b>                    | <u>Water</u>                       | <b>sample id:</b> | <u>Q1746-06</u>    | <b>client id:</b>                       | <u>B-149-GW01MSD</u> |
| <b>Percent Solids for Sample:</b> | <u>NA</u>                          | <b>Spiked ID:</b> | <u>Q1746-06MSD</u> | <b>Percent Solids for Spike Sample:</b> | <u>NA</u>            |

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | ug/L  | 75 - 125               | 62300         |   | 77300            |   | 1000           | -1504         |      | P |
| Antimony  | ug/L  | 75 - 125               | 360           |   | 25.0             | U | 400            | 90            |      | P |
| Arsenic   | ug/L  | 75 - 125               | 412           |   | 53.3             |   | 400            | 90            |      | P |
| Barium    | ug/L  | 75 - 125               | 187           |   | 144              |   | 100            | 43            | N    | P |
| Beryllium | ug/L  | 75 - 125               | 89.8          |   | 4.92             |   | 100            | 85            |      | P |
| Cadmium   | ug/L  | 75 - 125               | 97.5          |   | 3.00             | U | 100            | 98            |      | P |
| Calcium   | ug/L  | 75 - 125               | 23500         |   | 37000            |   | 500            | -2683         |      | P |
| Chromium  | ug/L  | 75 - 125               | 336           |   | 204              |   | 200            | 66            | N    | P |
| Cobalt    | ug/L  | 75 - 125               | 143           |   | 56.1             |   | 100            | 87            |      | P |
| Copper    | ug/L  | 75 - 125               | 479           |   | 382              |   | 150            | 65            | N    | P |
| Iron      | ug/L  | 75 - 125               | 109000        |   | 131000           |   | 1500           | -1405         |      | P |
| Lead      | ug/L  | 75 - 125               | 543           |   | 89.6             |   | 500            | 91            |      | P |
| Magnesium | ug/L  | 75 - 125               | 30600         |   | 38600            |   | 1000           | -799          |      | P |
| Manganese | ug/L  | 75 - 125               | 703           |   | 757              |   | 100            | -54           |      | P |
| Nickel    | ug/L  | 75 - 125               | 350           |   | 143              |   | 250            | 83            |      | P |
| Potassium | ug/L  | 75 - 125               | 26000         |   | 36400            |   | 5000           | -209          |      | P |
| Selenium  | ug/L  | 75 - 125               | 885           |   | 10.0             | U | 1000           | 88            |      | P |
| Silver    | ug/L  | 75 - 125               | 26.0          |   | 5.00             | U | 37.5           | 69            | N    | P |
| Sodium    | ug/L  | 75 - 125               | 83200         |   | 143000           |   | 1500           | -3998         |      | P |
| Thallium  | ug/L  | 75 - 125               | 902           |   | 20.0             | U | 1000           | 90            |      | P |
| Vanadium  | ug/L  | 75 - 125               | 274           |   | 198              |   | 150            | 51            | N    | P |
| Zinc      | ug/L  | 75 - 125               | 518           |   | 559              |   | 100            | -41           |      | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                            |                              |                                              |
|--------------------------------------------|------------------------------|----------------------------------------------|
| <b>client:</b> Portal Partners Tri-Venture | <b>level:</b> low            | <b>sdg no.:</b> Q1746                        |
| <b>contract:</b> PORT06                    | <b>lab code:</b> CHEM        | <b>case no.:</b> Q1746 <b>sas no.:</b> Q1746 |
| <b>matrix:</b> Solid                       | <b>sample id:</b> Q1753-05   | <b>client id:</b> WC-2MS                     |
| <b>Percent Solids for Sample:</b> 89       | <b>Spiked ID:</b> Q1753-05MS | <b>Percent Solids for Spike Sample:</b> 89   |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.23             |   | 0.026            |   | 0.3            | 69            | N    | CV |

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

**client:** Portal Partners Tri-Venture      **level:** low      **sdg no.:** Q1746  
**contract:** PORT06      **lab code:** CHEM      **case no.:** Q1746      **sas no.:** Q1746  
**matrix:** Solid      **sample id:** Q1753-05      **client id:** WC-2MSD  
**Percent Solids for Sample:**      89      **Spiked ID:**      Q1753-05MSD      **Percent Solids for Spike Sample:**      89

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.18          |   | 0.026            |   | 0.28           | 56            | N    | CV |

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

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Matrix:** Solid

**Level:** LOW

**Client ID:** IB-6.5-WCA

**Sample ID:** Q1745-09

**Spiked ID:** Q1745-09A

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Beryllium | mg/Kg | 75 - 125               | 10.1             |   | 0.54             |   | 13.4           | 71            |      | P |

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

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

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Matrix:** Water **Level:** LOW **Client ID:** B-158-GW01A  
**Sample ID:** Q1746-05 **Spiked ID:** Q1746-05A

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 82 - 119               | 3.23             |   | 0.20             | J | 4.00           | 76            |      | CV |

A  
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J

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

|                                            |                             |                                              |
|--------------------------------------------|-----------------------------|----------------------------------------------|
| <b>Client:</b> Portal Partners Tri-Venture | <b>SDG No.:</b> Q1746       |                                              |
| <b>Contract:</b> PORT06                    | <b>Lab Code:</b> CHEM       | <b>Case No.:</b> Q1746 <b>SAS No.:</b> Q1746 |
| <b>Matrix:</b> Water                       | <b>Level:</b> LOW           | <b>Client ID:</b> B-149-GW01A                |
| <b>Sample ID:</b> Q1746-06                 | <b>Spiked ID:</b> Q1746-06A |                                              |

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Barium   | ug/L  | 75 - 125               | 177              |   | 144              |   | 100            | 33            |      | P |
| Chromium | ug/L  | 75 - 125               | 301              |   | 204              |   | 200            | 48            |      | P |
| Copper   | ug/L  | 75 - 125               | 357              |   | 382              |   | 150            | -17           |      | P |
| Silver   | ug/L  | 75 - 125               | 29.2             |   | 5.00             | U | 37.5           | 78            |      | P |
| Vanadium | ug/L  | 75 - 125               | 259              |   | 198              |   | 150            | 41            |      | P |

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

|                   |                                    |                   |                  |                   |              |                 |              |
|-------------------|------------------------------------|-------------------|------------------|-------------------|--------------|-----------------|--------------|
| <b>Client:</b>    | <u>Portal Partners Tri-Venture</u> | <b>SDG No.:</b>   | <u>Q1746</u>     |                   |              |                 |              |
| <b>Contract:</b>  | <u>PORT06</u>                      | <b>Lab Code:</b>  | <u>CHEM</u>      | <b>Case No.:</b>  | <u>Q1746</u> | <b>SAS No.:</b> | <u>Q1746</u> |
| <b>Matrix:</b>    | <u>Solid</u>                       | <b>Level:</b>     | <u>LOW</u>       | <b>Client ID:</b> | <u>WC-2A</u> |                 |              |
| <b>Sample ID:</b> | <u>Q1753-05</u>                    | <b>Spiked ID:</b> | <u>Q1753-05A</u> |                   |              |                 |              |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.26             |   | 0.026            |   | 0.30           | 78            |      | CV |

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture      **Level:** LOW      **SDG No.:** Q1746  
**Contract:** PORT06      **Lab Code:** CHEM      **Case No.:** Q1746      **SAS No.:** Q1746  
**Matrix:** Solid      **Sample ID:** Q1745-09      **Client ID:** IB-6.5-WCDUP  
**Percent Solids for Sample:** 71.5      **Duplicate ID** Q1745-09DUP      **Percent Solids for Spike Sample:** 71.5

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 5630          |   | 5310             |   | 6   |      | P |
| Antimony  | mg/Kg | 20               | 3.35          | U | 3.15             | U |     |      | P |
| Arsenic   | mg/Kg | 20               | 36.0          |   | 32.8             |   | 9   |      | P |
| Barium    | mg/Kg | 20               | 386           |   | 369              |   | 5   |      | P |
| Beryllium | mg/Kg | 20               | 0.54          |   | 0.48             |   | 12  |      | P |
| Cadmium   | mg/Kg | 20               | 0.13          | J | 0.11             | J | 15  |      | P |
| Calcium   | mg/Kg | 20               | 9780          |   | 9280             |   | 5   |      | P |
| Chromium  | mg/Kg | 20               | 16.2          |   | 15.2             |   | 6   |      | P |
| Cobalt    | mg/Kg | 20               | 6.11          |   | 5.76             |   | 6   |      | P |
| Copper    | mg/Kg | 20               | 217           |   | 202              |   | 7   |      | P |
| Iron      | mg/Kg | 20               | 18500         |   | 17300            |   | 7   |      | P |
| Lead      | mg/Kg | 20               | 694           |   | 647              |   | 7   |      | P |
| Magnesium | mg/Kg | 20               | 1030          |   | 973              |   | 6   |      | P |
| Manganese | mg/Kg | 20               | 193           |   | 184              |   | 5   |      | P |
| Nickel    | mg/Kg | 20               | 26.1          |   | 24.3             |   | 7   |      | P |
| Potassium | mg/Kg | 20               | 1240          |   | 1140             |   | 8   |      | P |
| Selenium  | mg/Kg | 20               | 1.34          | U | 1.26             | U |     |      | P |
| Silver    | mg/Kg | 20               | 3.03          |   | 2.77             |   | 9   |      | P |
| Sodium    | mg/Kg | 20               | 1130          |   | 1050             |   | 7   |      | P |
| Thallium  | mg/Kg | 20               | 0.76          | J | 0.73             | J | 4   |      | P |
| Vanadium  | mg/Kg | 20               | 21.1          |   | 20.0             |   | 5   |      | P |
| Zinc      | mg/Kg | 20               | 292           |   | 274              |   | 6   |      | P |

# Metals

- 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Matrix:** Solid **Sample ID:** Q1745-09MS **Client ID:** IB-6.5-WCMSD  
**Percent Solids for Sample:** 71.5 **Duplicate ID** Q1745-09MSD **Percent Solids for Spike Sample:** 71.5

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 5740          |   | 5680             |   | 1   |      | P |
| Antimony  | mg/Kg | 20               | 49.3          |   | 47.3             |   | 4   |      | P |
| Arsenic   | mg/Kg | 20               | 82.2          |   | 79.3             |   | 4   |      | P |
| Barium    | mg/Kg | 20               | 403           |   | 425              |   | 5   |      | P |
| Beryllium | mg/Kg | 20               | 10.8          |   | 9.94             |   | 8   |      | P |
| Cadmium   | mg/Kg | 20               | 12.4          |   | 11.8             |   | 5   |      | P |
| Calcium   | mg/Kg | 20               | 9880          |   | 9780             |   | 1   |      | P |
| Chromium  | mg/Kg | 20               | 39.0          |   | 37.9             |   | 3   |      | P |
| Cobalt    | mg/Kg | 20               | 18.7          |   | 18.1             |   | 3   |      | P |
| Copper    | mg/Kg | 20               | 230           |   | 223              |   | 3   |      | P |
| Iron      | mg/Kg | 20               | 18100         |   | 18400            |   | 2   |      | P |
| Lead      | mg/Kg | 20               | 740           |   | 725              |   | 2   |      | P |
| Magnesium | mg/Kg | 20               | 1140          |   | 1120             |   | 2   |      | P |
| Manganese | mg/Kg | 20               | 207           |   | 204              |   | 1   |      | P |
| Nickel    | mg/Kg | 20               | 57.1          |   | 55.3             |   | 3   |      | P |
| Potassium | mg/Kg | 20               | 1810          |   | 1870             |   | 3   |      | P |
| Selenium  | mg/Kg | 20               | 115           |   | 110              |   | 4   |      | P |
| Silver    | mg/Kg | 20               | 7.33          |   | 7.24             |   | 1   |      | P |
| Sodium    | mg/Kg | 20               | 1270          |   | 1300             |   | 2   |      | P |
| Thallium  | mg/Kg | 20               | 120           |   | 116              |   | 3   |      | P |
| Vanadium  | mg/Kg | 20               | 37.8          |   | 37.0             |   | 2   |      | P |
| Zinc      | mg/Kg | 20               | 298           |   | 289              |   | 3   |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                                    |                     |                 |                                         |                      |
|-----------------------------------|------------------------------------|---------------------|-----------------|-----------------------------------------|----------------------|
| <b>Client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q1746</u>         |
| <b>Contract:</b>                  | <u>PORT06</u>                      | <b>Lab Code:</b>    | <u>CHEM</u>     | <b>Case No.:</b>                        | <u>Q1746</u>         |
| <b>Matrix:</b>                    | <u>Water</u>                       | <b>Sample ID:</b>   | <u>Q1746-05</u> | <b>Client ID:</b>                       | <u>B-158-GW01DUP</u> |
| <b>Percent Solids for Sample:</b> | NA                                 | <b>Duplicate ID</b> | Q1746-05DUP     | <b>Percent Solids for Spike Sample:</b> | NA                   |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 0.20          | J | 0.20             | J | 0   |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                                    |                     |                   |                                         |                      |
|-----------------------------------|------------------------------------|---------------------|-------------------|-----------------------------------------|----------------------|
| <b>Client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q1746</u>         |
| <b>Contract:</b>                  | <u>PORT06</u>                      | <b>Lab Code:</b>    | <u>CHEM</u>       | <b>Case No.:</b>                        | <u>Q1746</u>         |
| <b>Matrix:</b>                    | <u>Water</u>                       | <b>Sample ID:</b>   | <u>Q1746-05MS</u> | <b>Client ID:</b>                       | <u>B-158-GW01MSD</u> |
| <b>Percent Solids for Sample:</b> | NA                                 | <b>Duplicate ID</b> | Q1746-05MSD       | <b>Percent Solids for Spike Sample:</b> | NA                   |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 2.22          |   | 2.16             |   | 3   |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Matrix:** Water **Sample ID:** Q1746-06 **Client ID:** B-149-GW01DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q1746-06DUP **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-------|------|---|
| Aluminum  | ug/L  | 20               | 77300         |   | 77700            |   | 1     |      | P |
| Antimony  | ug/L  | 20               | 25.0          | U | 25.0             | U |       |      | P |
| Arsenic   | ug/L  | 20               | 53.3          |   | 52.8             |   | 1     |      | P |
| Barium    | ug/L  | 20               | 144           |   | 143              |   | 1     |      | P |
| Beryllium | ug/L  | 20               | 4.92          |   | 5.03             |   | 2     |      | P |
| Cadmium   | ug/L  | 20               | 3.00          | U | 0.15             | J | 200.0 |      | P |
| Calcium   | ug/L  | 20               | 37000         |   | 36900            |   | 0     |      | P |
| Chromium  | ug/L  | 20               | 204           |   | 204              |   | 0     |      | P |
| Cobalt    | ug/L  | 20               | 56.1          |   | 56.3             |   | 0     |      | P |
| Copper    | ug/L  | 20               | 382           |   | 387              |   | 1     |      | P |
| Iron      | ug/L  | 20               | 131000        |   | 127000           |   | 3     |      | P |
| Lead      | ug/L  | 20               | 89.6          |   | 89.9             |   | 0     |      | P |
| Magnesium | ug/L  | 20               | 38600         |   | 38800            |   | 1     |      | P |
| Manganese | ug/L  | 20               | 757           |   | 760              |   | 0     |      | P |
| Nickel    | ug/L  | 20               | 143           |   | 144              |   | 1     |      | P |
| Potassium | ug/L  | 20               | 36400         |   | 35400            |   | 3     |      | 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               | 143000        |   | 140000           |   | 2     |      | P |
| Thallium  | ug/L  | 20               | 20.0          | U | 20.0             | U |       |      | P |
| Vanadium  | ug/L  | 20               | 198           |   | 199              |   | 1     |      | P |
| Zinc      | ug/L  | 20               | 559           |   | 560              |   | 0     |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746  
**Matrix:** Water **Sample ID:** Q1746-06MS **Client ID:** B-149-GW01MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q1746-06MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | ug/L  | 20               | 94900         |   | 62300            |   | 41  | *    | P |
| Antimony  | ug/L  | 20               | 324           |   | 360              |   | 11  |      | P |
| Arsenic   | ug/L  | 20               | 396           |   | 412              |   | 4   |      | P |
| Barium    | ug/L  | 20               | 247           |   | 187              |   | 28  | *    | P |
| Beryllium | ug/L  | 20               | 81.9          |   | 89.8             |   | 9   |      | P |
| Cadmium   | ug/L  | 20               | 93.6          |   | 97.5             |   | 4   |      | P |
| Calcium   | ug/L  | 20               | 37900         |   | 23500            |   | 47  | *    | P |
| Chromium  | ug/L  | 20               | 398           |   | 336              |   | 17  |      | P |
| Cobalt    | ug/L  | 20               | 166           |   | 143              |   | 15  |      | P |
| Copper    | ug/L  | 20               | 620           |   | 479              |   | 26  | *    | P |
| Iron      | ug/L  | 20               | 168000        |   | 109000           |   | 43  | *    | P |
| Lead      | ug/L  | 20               | 551           |   | 543              |   | 1   |      | P |
| Magnesium | ug/L  | 20               | 46600         |   | 30600            |   | 41  | *    | P |
| Manganese | ug/L  | 20               | 1020          |   | 703              |   | 37  | *    | P |
| Nickel    | ug/L  | 20               | 403           |   | 350              |   | 14  |      | P |
| Potassium | ug/L  | 20               | 41100         |   | 26000            |   | 45  | *    | P |
| Selenium  | ug/L  | 20               | 795           |   | 885              |   | 11  |      | P |
| Silver    | ug/L  | 20               | 22.2          |   | 26.0             |   | 16  |      | P |
| Sodium    | ug/L  | 20               | 144000        |   | 83200            |   | 54  | *    | P |
| Thallium  | ug/L  | 20               | 829           |   | 902              |   | 8   |      | P |
| Vanadium  | ug/L  | 20               | 345           |   | 274              |   | 23  | *    | P |
| Zinc      | ug/L  | 20               | 726           |   | 518              |   | 33  | *    | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                                    |                     |                 |                                         |                |
|-----------------------------------|------------------------------------|---------------------|-----------------|-----------------------------------------|----------------|
| <b>Client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q1746</u>   |
| <b>Contract:</b>                  | <u>PORT06</u>                      | <b>Lab Code:</b>    | <u>CHEM</u>     | <b>Case No.:</b>                        | <u>Q1746</u>   |
| <b>Matrix:</b>                    | <u>Solid</u>                       | <b>Sample ID:</b>   | <u>Q1753-05</u> | <b>Client ID:</b>                       | <u>WC-2DUP</u> |
| <b>Percent Solids for Sample:</b> | 89                                 | <b>Duplicate ID</b> | Q1753-05DUP     | <b>Percent Solids for Spike Sample:</b> | 89             |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.026         |   | 0.026            |   | 0   |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                                    |                     |                   |                                         |                |
|-----------------------------------|------------------------------------|---------------------|-------------------|-----------------------------------------|----------------|
| <b>Client:</b>                    | <u>Portal Partners Tri-Venture</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q1746</u>   |
| <b>Contract:</b>                  | <u>PORT06</u>                      | <b>Lab Code:</b>    | <u>CHEM</u>       | <b>Case No.:</b>                        | <u>Q1746</u>   |
| <b>Matrix:</b>                    | <u>Solid</u>                       | <b>Sample ID:</b>   | <u>Q1753-05MS</u> | <b>Client ID:</b>                       | <u>WC-2MSD</u> |
| <b>Percent Solids for Sample:</b> | 89                                 | <b>Duplicate ID</b> | Q1753-05MSD       | <b>Percent Solids for Spike Sample:</b> | 89             |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.23          |   | 0.18             |   | 25  | *    | CV |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

| Analyte    | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|------------|-------|------------|--------|---|------------|-------------------|---|
| PB167490BS |       |            |        |   |            |                   |   |
| Aluminum   | mg/Kg | 94.8       | 88.7   |   | 94         | 80 - 120          | P |
| Antimony   | mg/Kg | 37.9       | 38.4   |   | 101        | 80 - 120          | P |
| Arsenic    | mg/Kg | 37.9       | 36.7   |   | 97         | 80 - 120          | P |
| Barium     | mg/Kg | 9.5        | 7.77   |   | 82         | 80 - 120          | P |
| Beryllium  | mg/Kg | 9.5        | 8.55   |   | 90         | 80 - 120          | P |
| Cadmium    | mg/Kg | 9.5        | 8.72   |   | 92         | 80 - 120          | P |
| Calcium    | mg/Kg | 47.4       | 44.3   | J | 94         | 80 - 120          | P |
| Chromium   | mg/Kg | 19.0       | 18.6   |   | 98         | 80 - 120          | P |
| Cobalt     | mg/Kg | 9.5        | 8.77   |   | 92         | 80 - 120          | P |
| Copper     | mg/Kg | 14.2       | 14.4   |   | 101        | 80 - 120          | P |
| Iron       | mg/Kg | 140        | 133    |   | 95         | 80 - 120          | P |
| Lead       | mg/Kg | 47.4       | 43.5   |   | 92         | 80 - 120          | P |
| Magnesium  | mg/Kg | 94.8       | 86.2   | J | 91         | 80 - 120          | P |
| Manganese  | mg/Kg | 9.5        | 8.45   |   | 89         | 80 - 120          | P |
| Nickel     | mg/Kg | 23.7       | 22.6   |   | 95         | 80 - 120          | P |
| Potassium  | mg/Kg | 470        | 427    |   | 91         | 80 - 120          | P |
| Selenium   | mg/Kg | 94.8       | 94.0   |   | 99         | 80 - 120          | P |
| Silver     | mg/Kg | 3.6        | 3.47   |   | 96         | 80 - 120          | P |
| Sodium     | mg/Kg | 140        | 127    |   | 91         | 80 - 120          | P |
| Thallium   | mg/Kg | 94.8       | 91.2   |   | 96         | 80 - 120          | P |
| Vanadium   | mg/Kg | 14.2       | 13.0   |   | 92         | 80 - 120          | P |
| Zinc       | mg/Kg | 9.5        | 9.43   |   | 99         | 80 - 120          | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB167500BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 1000       | 928    |   | 93            | 80 - 120             | P |
| Antimony   | ug/L  | 400        | 404    |   | 101           | 80 - 120             | P |
| Arsenic    | ug/L  | 400        | 393    |   | 98            | 80 - 120             | P |
| Barium     | ug/L  | 100        | 93.7   |   | 94            | 80 - 120             | P |
| Beryllium  | ug/L  | 100        | 99.7   |   | 100           | 80 - 120             | P |
| Cadmium    | ug/L  | 100        | 100    |   | 100           | 80 - 120             | P |
| Calcium    | ug/L  | 500        | 489    | J | 98            | 80 - 120             | P |
| Chromium   | ug/L  | 200        | 193    |   | 96            | 80 - 120             | P |
| Cobalt     | ug/L  | 100        | 96.8   |   | 97            | 80 - 120             | P |
| Copper     | ug/L  | 150        | 151    |   | 101           | 80 - 120             | P |
| Iron       | ug/L  | 1500       | 1390   |   | 93            | 80 - 120             | P |
| Lead       | ug/L  | 500        | 491    |   | 98            | 80 - 120             | P |
| Magnesium  | ug/L  | 1000       | 934    | J | 93            | 80 - 120             | P |
| Manganese  | ug/L  | 100        | 97.4   |   | 97            | 80 - 120             | P |
| Nickel     | ug/L  | 250        | 242    |   | 97            | 80 - 120             | P |
| Potassium  | ug/L  | 5000       | 4370   |   | 87            | 80 - 120             | P |
| Selenium   | ug/L  | 1000       | 991    |   | 99            | 80 - 120             | P |
| Silver     | ug/L  | 37.5       | 35.4   |   | 94            | 80 - 120             | P |
| Sodium     | ug/L  | 1500       | 1250   |   | 83            | 80 - 120             | P |
| Thallium   | ug/L  | 1000       | 1010   |   | 101           | 80 - 120             | P |
| Vanadium   | ug/L  | 150        | 142    |   | 95            | 80 - 120             | P |
| Zinc       | ug/L  | 100        | 96.5   |   | 96            | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Portal Partners Tri-Venture **SDG No.:** Q1746  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** Q1746 **SAS No.:** Q1746

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB167532BS<br>Mercury | mg/Kg | 0.27       | 0.24   |   | 90            | 80 - 120             | CV |



- 7 -

|                  |                             |                  |       |                  |       |                 |       |
|------------------|-----------------------------|------------------|-------|------------------|-------|-----------------|-------|
| <b>Client:</b>   | Portal Partners Tri-Venture | <b>SDG No.:</b>  | Q1746 |                  |       |                 |       |
| <b>Contract:</b> | PORT06                      | <b>Lab Code:</b> | CHEM  | <b>Case No.:</b> | Q1746 | <b>SAS No.:</b> | Q1746 |

| Analyte               | Units | True Value | Result | C | % Recovery | Acceptance Limits | M  |
|-----------------------|-------|------------|--------|---|------------|-------------------|----|
| PB167569BS<br>Mercury | ug/L  | 4.0        | 4.04   |   | 101        | 82 - 119          | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

IB-6.5-WCL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb135373 Lab Sample ID : Q1745-09L SDG No.: Q1746

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

Concentration Units: mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-<br>ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|-------------------|---|---|
| Aluminum  | 5630                      |   | 6110                       |   | 9                 |   | P |
| Antimony  | 3.35                      | U | 16.7                       | U |                   |   | P |
| Arsenic   | 36.0                      |   | 38.3                       |   | 6                 |   | P |
| Barium    | 386                       |   | 428                        |   | 11                |   | P |
| Beryllium | 0.54                      |   | 0.59                       | J | 9                 |   | P |
| Cadmium   | 0.13                      | J | 2.01                       | U | 100.0             |   | P |
| Calcium   | 9780                      |   | 10900                      |   | 11                |   | P |
| Chromium  | 16.2                      |   | 18.2                       |   | 12                |   | P |
| Cobalt    | 6.11                      |   | 6.18                       | J | 1                 |   | P |
| Copper    | 217                       |   | 249                        |   | 15                |   | P |
| Iron      | 18500                     |   | 20400                      |   | 10                |   | P |
| Lead      | 694                       |   | 737                        |   | 6                 |   | P |
| Magnesium | 1030                      |   | 1160                       |   | 13                |   | P |
| Manganese | 193                       |   | 218                        |   | 13                |   | P |
| Nickel    | 26.1                      |   | 26.7                       |   | 2                 |   | P |
| Potassium | 1240                      |   | 1260                       |   | 1                 |   | P |
| Selenium  | 1.34                      | U | 6.69                       | U |                   |   | P |
| Silver    | 3.03                      |   | 3.38                       |   | 12                |   | P |
| Sodium    | 1130                      |   | 1200                       |   | 6                 |   | P |
| Thallium  | 0.76                      | J | 13.4                       | U | 100.0             |   | P |
| Vanadium  | 21.1                      |   | 22.8                       |   | 8                 |   | P |
| Zinc      | 292                       |   | 334                        |   | 14                |   | P |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

B-158-GW01L

**Lab Name:** Chemtech Consulting Group **Contract:** PORT06  
**Lab Code:** CHEM **Lb No.:** lb135388 **Lab Sample ID :** Q1746-05L **SDG No.:** Q1746  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte | Initial Sample<br>Result (I) | Serial Dilution<br>Result (S) | % Differ-<br>ence | Q | M  |
|---------|------------------------------|-------------------------------|-------------------|---|----|
| Mercury | 0.20 J                       | 1.00 U                        | 100.0             |   | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

B-149-GW01L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb135424 Lab Sample ID : Q1746-06L SDG No.: Q1746

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

Concentration Units: ug/L

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|---------------|---|---|
| Aluminum  | 77300                     |   | 84400                      |   | 9             |   | P |
| Antimony  | 25.0                      | U | 125                        | U |               |   | P |
| Arsenic   | 53.3                      |   | 59.6                       |   | 12            |   | P |
| Barium    | 144                       |   | 162                        | J | 13            |   | P |
| Beryllium | 4.92                      |   | 5.91                       | J | 20            |   | P |
| Cadmium   | 3.00                      | U | 15.0                       | U |               |   | P |
| Calcium   | 37000                     |   | 42600                      |   | 15            |   | P |
| Chromium  | 204                       |   | 229                        |   | 12            |   | P |
| Cobalt    | 56.1                      |   | 56.5                       | J | 1             |   | P |
| Copper    | 382                       |   | 453                        |   | 18            |   | P |
| Iron      | 131000                    |   | 140000                     |   | 7             |   | P |
| Lead      | 89.6                      |   | 97.4                       |   | 9             |   | P |
| Magnesium | 38600                     |   | 43300                      |   | 12            |   | P |
| Manganese | 757                       |   | 877                        |   | 16            |   | P |
| Nickel    | 143                       |   | 146                        |   | 2             |   | P |
| Potassium | 36400                     |   | 36100                      |   | 1             |   | P |
| Selenium  | 10.0                      | U | 50.0                       | U |               |   | P |
| Silver    | 5.00                      | U | 25.0                       | U |               |   | P |
| Sodium    | 143000                    |   | 148000                     |   | 3             |   | P |
| Thallium  | 20.0                      | U | 100                        | U |               |   | P |
| Vanadium  | 198                       |   | 225                        |   | 14            |   | P |
| Zinc      | 559                       |   | 619                        |   | 11            |   | P |

**Metals**

-9 -

**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

WC-2L

**Lab Name:** Chemtech Consulting Group

**Contract:** PORT06

**Lab Code:** CHEM **Lb No.:** lb135354 **Lab Sample ID :** Q1753-05L **SDG No.:** Q1746

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

**Concentration Units:** mg/Kg

| Analyte | Initial Sample<br>Result (I)<br>C | Serial Dilution<br>Result (S)<br>C | % Differ-<br>ence | Q | M  |
|---------|-----------------------------------|------------------------------------|-------------------|---|----|
| Mercury | 0.026                             | 0.074 U                            | 100.0             |   | CV |

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

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

**Lab code:** CHEM **Case no.:** Q1746 **Sas no.:** Q1746 **Sdg no.:** Q1746

**Instrument id number:**                      **Method:**                      **Run number:** LB135354

**Start date:** 04/09/2025 **End date:** 04/09/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 1106 | HG             |
| S0.2           | S0.2             | 1   | 1109 | HG             |
| S2.5           | S2.5             | 1   | 1111 | HG             |
| S5             | S5               | 1   | 1113 | HG             |
| S7.5           | S7.5             | 1   | 1115 | HG             |
| S10            | S10              | 1   | 1131 | HG             |
| ICV82          | ICV82            | 1   | 1134 | HG             |
| ICB82          | ICB82            | 1   | 1136 | HG             |
| CCV49          | CCV49            | 1   | 1143 | HG             |
| CCB49          | CCB49            | 1   | 1145 | HG             |
| CRA            | CRA              | 1   | 1147 | HG             |
| PB167532BL     | PB167532BL       | 1   | 1158 | HG             |
| PB167532BS     | PB167532BS       | 1   | 1203 | HG             |
| CCV50          | CCV50            | 1   | 1217 | HG             |
| CCB50          | CCB50            | 1   | 1220 | HG             |
| Q1746-01       | B-149-SB01       | 1   | 1222 | HG             |
| Q1746-03       | B-149-SB02       | 1   | 1225 | HG             |
| CCV51          | CCV51            | 1   | 1246 | HG             |
| CCB51          | CCB51            | 1   | 1248 | HG             |
| Q1753-05DUP    | WC-2DUP          | 1   | 1257 | HG             |
| Q1753-05MS     | WC-2MS           | 1   | 1259 | HG             |
| Q1753-05MSD    | WC-2MSD          | 1   | 1302 | HG             |
| Q1753-05L      | WC-2L            | 5   | 1334 | HG             |
| Q1753-05A      | WC-2A            | 1   | 1336 | HG             |
| CCV52          | CCV52            | 1   | 1358 | HG             |
| CCB52          | CCB52            | 1   | 1404 | HG             |
| CCV53          | CCV53            | 1   | 1418 | HG             |
| CCB53          | CCB53            | 1   | 1421 | HG             |

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

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

**Lab code:** CHEM **Case no.:** Q1746 **Sas no.:** Q1746 **Sdg no.:** Q1746

**Instrument id number:** **Method:** **Run number:** LB135373

**Start date:** 04/10/2025 **End date:** 04/10/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 0930 | 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   | 0935 | 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   | 0939 | 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   | 0943 | 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   | 0947 | 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   | 0951 | 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   | 1009 | 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   | 1025 | 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   | 1029 | 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   | 1033 | 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   | 1037 | 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   | 1042 | 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   | 1100 | 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   | 1121 | 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   | 1208 | 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   | 1212 | 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   | 1259 | 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   | 1304 | 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   | 1351 | 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   | 1355 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1745-09DUP    | IB-6.5-WCDUP     | 1   | 1432 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1745-09L      | IB-6.5-WCL       | 5   | 1436 | 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   | 1444 | 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   | 1449 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1745-09A      | IB-6.5-WCA       | 1   | 1457 | Be                                                              |
| Q1745-09MS     | IB-6.5-WCMS      | 1   | 1505 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1745-09MSD    | IB-6.5-WCMSD     | 1   | 1509 | 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   | 1544 | 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   | 1548 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-01       | B-149-SB01       | 1   | 1617 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-03       | B-149-SB02       | 1   | 1622 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167490BL     | PB167490BL       | 1   | 1626 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167490BS     | PB167490BS       | 1   | 1639 | 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   | 1656 | 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   | 1700 | 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   | 1756 | 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   | 1800 | 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   | 1819 | 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   | 1823 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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

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

**Lab code:** CHEM **Case no.:** Q1746 **Sas no.:** Q1746 **Sdg no.:** Q1746

**Instrument id number:**                      **Method:**                      **Run number:** LB135388

**Start date:** 04/11/2025 **End date:** 04/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0945 | HG             |
| S0.2           | S0.2             | 1   | 0948 | HG             |
| S2.5           | S2.5             | 1   | 0950 | HG             |
| S5             | S5               | 1   | 0952 | HG             |
| S7.5           | S7.5             | 1   | 0954 | HG             |
| S10            | S10              | 1   | 1000 | HG             |
| ICV84          | ICV84            | 1   | 1003 | HG             |
| ICB84          | ICB84            | 1   | 1005 | HG             |
| CCV59          | CCV59            | 1   | 1007 | HG             |
| CCB59          | CCB59            | 1   | 1009 | HG             |
| CRA            | CRA              | 1   | 1012 | HG             |
| PB167569BL     | PB167569BL       | 1   | 1035 | HG             |
| CCV60          | CCV60            | 1   | 1037 | HG             |
| CCB60          | CCB60            | 1   | 1039 | HG             |
| PB167569BS     | PB167569BS       | 1   | 1046 | HG             |
| Q1746-05       | B-158-GW01       | 1   | 1056 | HG             |
| Q1746-05DUP    | B-158-GW01DUP    | 1   | 1058 | HG             |
| Q1746-05MS     | B-158-GW01MS     | 1   | 1100 | HG             |
| Q1746-05MSD    | B-158-GW01MSD    | 1   | 1103 | HG             |
| Q1746-06       | B-149-GW01       | 1   | 1105 | HG             |
| Q1746-07       | EB-2025-4-7      | 1   | 1107 | HG             |
| CCV61          | CCV61            | 1   | 1114 | HG             |
| CCB61          | CCB61            | 1   | 1116 | HG             |
| Q1746-05L      | B-158-GW01L      | 5   | 1128 | HG             |
| Q1746-05A      | B-158-GW01A      | 1   | 1130 | HG             |
| CCV62          | CCV62            | 1   | 1141 | HG             |
| CCB62          | CCB62            | 1   | 1143 | HG             |

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

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

**Lab code:** CHEM **Case no.:** Q1746 **Sas no.:** Q1746 **Sdg no.:** Q1746

**Instrument id number:** **Method:** **Run number:** LB135424

**Start date:** 04/14/2025 **End date:** 04/14/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1313 | 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   | 1317 | 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   | 1322 | 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   | 1326 | 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   | 1330 | 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   | 1334 | 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   | 1356 | 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   | 1401 | 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   | 1405 | 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   | 1409 | 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   | 1414 | 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   | 1418 | 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   | 1431 | 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   | 1435 | 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   | 1522 | 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   | 1526 | 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   | 1628 | 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   | 1632 | 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   | 1718 | 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   | 1722 | 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   | 1816 | 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   | 1820 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167500BL     | PB167500BL       | 1   | 1850 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167500BS     | PB167500BS       | 1   | 1854 | 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   | 1907 | 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   | 1911 | 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   | 1957 | 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   | 2001 | 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   | 2048 | 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   | 2052 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-05       | B-158-GW01       | 1   | 2056 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06       | B-149-GW01       | 1   | 2100 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06DUP    | B-149-GW01DUP    | 1   | 2105 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06L      | B-149-GW01L      | 5   | 2109 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06MS     | B-149-GW01MS     | 1   | 2113 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06MSD    | B-149-GW01MSD    | 1   | 2117 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1746-06A      | B-149-GW01A      | 1   | 2121 | Ag,Ba,Cr,Cu,V                                                   |
| Q1746-07       | EB-2025-4-7      | 1   | 2125 | 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   | 2138 | 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   | 2142 | 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   | 2228 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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

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

**Lab code:** CHEM **Case no.:** Q1746 **Sas no.:** Q1746 **Sdg no.:** Q1746

**Instrument id number:**                      **Method:**                      **Run number:** LB135424

**Start date:** 04/14/2025 **End date:** 04/14/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| CCB10          | CCB10            | 1   | 2232 | 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   | 2240 | 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   | 2244 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV12          | CCV12            | 1   | 2306 | 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   | 2311 | 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

**Metals**

- 11 -

**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Instrument ID:**

**Date:**

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

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement 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 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Instrument ID:**

**Date:**

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

| Analyte   | Wave-<br>Length<br>(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  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Instrument ID:**

**Date:**

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

| Analyte   | Wave-<br>Length<br>(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  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Instrument ID:**

**Date:**

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

| Analyte   | Wave-<br>Length<br>(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 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Portal Partners Tri-Venture

**SDG No.:** Q1746

**Contract:** PORT06

**Lab Code:** CHEM

**Case No.:** Q1746

**SAS No.:** Q1746

**Instrument ID:**

**Date:**

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

| Analyte   | Wave-<br>Length<br>(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 |

## LAB CHRONICLE

|                 |                             |                   |                                        |
|-----------------|-----------------------------|-------------------|----------------------------------------|
| <b>OrderID:</b> | Q1746                       | <b>OrderDate:</b> | 4/7/2025 12:00:00 PM                   |
| <b>Client:</b>  | Portal Partners Tri-Venture | <b>Project:</b>   | Amtrak Sawtooth Bridges 2025           |
| <b>Contact:</b> | Joseph Krupansky            | <b>Location:</b>  | L41,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID           | ClientID           | Matrix       | Test            | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------|--------------|-----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1746-01</b> | <b>B-149-SB01</b>  | <b>SOIL</b>  |                 |        | <b>04/05/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | Mercury         | 7471B  |                 | 04/08/25  | 04/09/25  |                 |
|                 |                    |              | Metals ICP-TAL  | 6010D  |                 | 04/07/25  | 04/10/25  |                 |
| <b>Q1746-02</b> | <b>B-149-SB01</b>  | <b>TCLP</b>  |                 |        | <b>04/05/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | TCLP ICP Metals | 6010D  |                 | 04/09/25  | 04/14/25  |                 |
|                 |                    |              | TCLP Mercury    | 7470A  |                 | 04/10/25  | 04/10/25  |                 |
| <b>Q1746-03</b> | <b>B-149-SB02</b>  | <b>SOIL</b>  |                 |        | <b>04/06/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | Mercury         | 7471B  |                 | 04/08/25  | 04/09/25  |                 |
|                 |                    |              | Metals ICP-TAL  | 6010D  |                 | 04/07/25  | 04/10/25  |                 |
| <b>Q1746-04</b> | <b>B-149-SB02</b>  | <b>TCLP</b>  |                 |        | <b>04/06/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | TCLP ICP Metals | 6010D  |                 | 04/09/25  | 04/14/25  |                 |
|                 |                    |              | TCLP Mercury    | 7470A  |                 | 04/10/25  | 04/10/25  |                 |
| <b>Q1746-05</b> | <b>B-158-GW01</b>  | <b>Water</b> |                 |        | <b>04/05/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | Mercury         | 7470A  |                 | 04/10/25  | 04/11/25  |                 |
|                 |                    |              | Metals ICP-TAL  | 6010D  |                 | 04/08/25  | 04/14/25  |                 |
| <b>Q1746-06</b> | <b>B-149-GW01</b>  | <b>Water</b> |                 |        | <b>04/06/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | Mercury         | 7470A  |                 | 04/10/25  | 04/11/25  |                 |
|                 |                    |              | Metals ICP-TAL  | 6010D  |                 | 04/08/25  | 04/14/25  |                 |
| <b>Q1746-07</b> | <b>EB-2025-4-7</b> | <b>Water</b> |                 |        | <b>04/07/25</b> |           |           | <b>04/07/25</b> |
|                 |                    |              | Mercury         | 7470A  |                 | 04/10/25  | 04/11/25  |                 |
|                 |                    |              | Metals ICP-TAL  | 6010D  |                 | 04/08/25  | 04/14/25  |                 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

|                  |                                    |                  |              |
|------------------|------------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Portal Partners Tri-Venture</u> | <b>SDG No.:</b>  | <u>Q1746</u> |
| <b>Contract:</b> | <u>PORT06</u>                      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                                    | <b>Method:</b>   | <u></u>      |
|                  |                                    | <b>Case No.:</b> | <u>Q1746</u> |
|                  |                                    | <b>SAS No.:</b>  | <u>Q1746</u> |

| Sample ID                     | Client ID    | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|--------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB167490</b> |              |             |        |            |                        |                          |                |
| PB167490BL                    | PB167490BL   | MB          | SOLID  | 04/07/2025 | 2.43                   | 100.0                    | 100.00         |
| PB167490BS                    | PB167490BS   | LCS         | SOLID  | 04/07/2025 | 2.11                   | 100.0                    | 100.00         |
| Q1745-09DUP                   | IB-6.5-WCDUP | DUP         | SOLID  | 04/07/2025 | 2.22                   | 100.0                    | 71.50          |
| Q1745-09MS                    | IB-6.5-WCMS  | MS          | SOLID  | 04/07/2025 | 2.09                   | 100.0                    | 71.50          |
| Q1745-09MSD                   | IB-6.5-WCMSD | MSD         | SOLID  | 04/07/2025 | 2.13                   | 100.0                    | 71.50          |
| Q1746-01                      | B-149-SB01   | SAM         | SOLID  | 04/07/2025 | 2.14                   | 100.0                    | 89.30          |
| Q1746-03                      | B-149-SB02   | SAM         | SOLID  | 04/07/2025 | 2.05                   | 100.0                    | 84.80          |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

|                  |                                    |                  |              |
|------------------|------------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Portal Partners Tri-Venture</u> | <b>SDG No.:</b>  | <u>Q1746</u> |
| <b>Contract:</b> | <u>PORT06</u>                      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                                    | <b>Method:</b>   | <u></u>      |
|                  |                                    | <b>Case No.:</b> | <u>Q1746</u> |
|                  |                                    | <b>SAS No.:</b>  | <u>Q1746</u> |

| Sample ID                     | Client ID     | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|---------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB167500</b> |               |             |        |            |                         |                          |                |
| PB167500BL                    | PB167500BL    | MB          | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| PB167500BS                    | PB167500BS    | LCS         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-05                      | B-158-GW01    | SAM         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-06                      | B-149-GW01    | SAM         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-06DUP                   | B-149-GW01DUP | DUP         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-06MS                    | B-149-GW01MS  | MS          | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-06MSD                   | B-149-GW01MSD | MSD         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |
| Q1746-07                      | EB-2025-4-7   | SAM         | WATER  | 04/08/2025 | 50.0                    | 25.0                     |                |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

|                  |                                    |                  |              |
|------------------|------------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Portal Partners Tri-Venture</u> | <b>SDG No.:</b>  | <u>Q1746</u> |
| <b>Contract:</b> | <u>PORT06</u>                      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                                    | <b>Method:</b>   | <u></u>      |
|                  |                                    | <b>Case No.:</b> | <u>Q1746</u> |
|                  |                                    | <b>SAS No.:</b>  | <u>Q1746</u> |

| Sample ID                     | Client ID  | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB167532</b> |            |             |        |            |                        |                          |                |
| PB167532BL                    | PB167532BL | MB          | SOLID  | 04/08/2025 | 0.57                   | 35.0                     | 100.00         |
| PB167532BS                    | PB167532BS | LCS         | SOLID  | 04/08/2025 | 0.52                   | 35.0                     | 100.00         |
| Q1746-01                      | B-149-SB01 | SAM         | SOLID  | 04/08/2025 | 0.54                   | 35.0                     | 89.30          |
| Q1746-03                      | B-149-SB02 | SAM         | SOLID  | 04/08/2025 | 0.58                   | 35.0                     | 84.80          |
| Q1753-05DUP                   | WC-2DUP    | DUP         | SOLID  | 04/08/2025 | 0.55                   | 35.0                     | 89.00          |
| Q1753-05MS                    | WC-2MS     | MS          | SOLID  | 04/08/2025 | 0.52                   | 35.0                     | 89.00          |
| Q1753-05MSD                   | WC-2MSD    | MSD         | SOLID  | 04/08/2025 | 0.56                   | 35.0                     | 89.00          |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

|                  |                                    |                  |              |
|------------------|------------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Portal Partners Tri-Venture</u> | <b>SDG No.:</b>  | <u>Q1746</u> |
| <b>Contract:</b> | <u>PORT06</u>                      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                                    | <b>Method:</b>   | <u></u>      |
|                  |                                    | <b>Case No.:</b> | <u>Q1746</u> |
|                  |                                    | <b>SAS No.:</b>  | <u>Q1746</u> |

| Sample ID                     | Client ID     | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|---------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB167569</b> |               |             |        |            |                         |                          |                |
| PB167569BL                    | PB167569BL    | MB          | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| PB167569BS                    | PB167569BS    | LCS         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-05                      | B-158-GW01    | SAM         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-05DUP                   | B-158-GW01DUP | DUP         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-05MS                    | B-158-GW01MS  | MS          | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-05MSD                   | B-158-GW01MSD | MSD         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-06                      | B-149-GW01    | SAM         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |
| Q1746-07                      | EB-2025-4-7   | SAM         | WATER  | 04/10/2025 | 30.0                    | 30.0                     |                |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135354**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | jaswal | Review On    | 4/10/2025 10:50:44 PM |
| Supervise By | mohan  | Supervise On | 4/16/2025 4:32:00 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP85158,MP85159,MP85160,MP85161,MP85162,MP85163 |
| ICV Standard  | MP85164                                         |
| CCV Standard  | MP85166                                         |
| ICSA Standard |                                                 |
| CRI Standard  | MP85168                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP85165,MP85167,MP85169,MP85174                 |

| Sr# | SampleId   | ClientID     | QcType   | Date           | Comment | Operator | Status |
|-----|------------|--------------|----------|----------------|---------|----------|--------|
| 1   | S0         | S0           | CAL1     | 04/09/25 11:06 |         | mohan    | OK     |
| 2   | S0.2       | S0.2         | CAL2     | 04/09/25 11:09 |         | mohan    | OK     |
| 3   | S2.5       | S2.5         | CAL3     | 04/09/25 11:11 |         | mohan    | OK     |
| 4   | S5         | S5           | CAL4     | 04/09/25 11:13 |         | mohan    | OK     |
| 5   | S7.5       | S7.5         | CAL5     | 04/09/25 11:15 |         | mohan    | OK     |
| 6   | S10        | S10          | CAL6     | 04/09/25 11:31 |         | mohan    | OK     |
| 7   | ICV82      | ICV82        | ICV      | 04/09/25 11:34 |         | mohan    | OK     |
| 8   | ICB82      | ICB82        | ICB      | 04/09/25 11:36 |         | mohan    | OK     |
| 9   | CCV49      | CCV49        | CCV      | 04/09/25 11:43 |         | mohan    | OK     |
| 10  | CCB49      | CCB49        | CCB      | 04/09/25 11:45 |         | mohan    | OK     |
| 11  | CRA        | CRA          | CRDL     | 04/09/25 11:47 |         | mohan    | OK     |
| 12  | HighStd    | HighStd      | HIGH STD | 04/09/25 11:50 |         | mohan    | OK     |
| 13  | ChkStd     | ChkStd       | SAM      | 04/09/25 11:52 |         | mohan    | OK     |
| 14  | PB167532BL | PB167532BL   | MB       | 04/09/25 11:58 |         | mohan    | OK     |
| 15  | PB167532BS | PB167532BS   | LCS      | 04/09/25 12:03 |         | mohan    | OK     |
| 16  | Q1742-01   | TR-06-040725 | SAM      | 04/09/25 12:05 |         | mohan    | OK     |
| 17  | Q1744-01   | B-158-SB01   | SAM      | 04/09/25 12:08 |         | mohan    | OK     |
| 18  | Q1744-03   | B-158-SB02   | SAM      | 04/09/25 12:10 |         | mohan    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135354**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/10/2025 10:50:44 PM |
| Supervise By     | mohan                                           | Supervise On | 4/16/2025 4:32:00 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85158,MP85159,MP85160,MP85161,MP85162,MP85163 |              |                       |
| ICV Standard     | MP85164                                         |              |                       |
| CCV Standard     | MP85166                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85168                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85165,MP85167,MP85169,MP85174                 |              |                       |

|    |             |            |     |                |      |       |          |
|----|-------------|------------|-----|----------------|------|-------|----------|
| 19 | Q1745-01    | IB-6A-WC   | SAM | 04/09/25 12:12 | High | mohan | Dilution |
| 20 | Q1745-09    | IB-6.5-WC  | SAM | 04/09/25 12:14 | High | mohan | Dilution |
| 21 | CCV50       | CCV50      | CCV | 04/09/25 12:17 |      | mohan | OK       |
| 22 | CCB50       | CCB50      | CCB | 04/09/25 12:20 |      | mohan | OK       |
| 23 | Q1746-01    | B-149-SB01 | SAM | 04/09/25 12:22 |      | mohan | OK       |
| 24 | Q1746-03    | B-149-SB02 | SAM | 04/09/25 12:25 |      | mohan | OK       |
| 25 | Q1747-01    | ARS20-0008 | SAM | 04/09/25 12:27 |      | mohan | OK       |
| 26 | Q1748-01    | IB-1.5-WC  | SAM | 04/09/25 12:29 | High | mohan | Dilution |
| 27 | Q1748-05    | IB-2A-WC   | SAM | 04/09/25 12:31 |      | mohan | OK       |
| 28 | Q1749-01    | TP-14      | SAM | 04/09/25 12:34 |      | mohan | OK       |
| 29 | Q1752-01    | TP-1       | SAM | 04/09/25 12:37 |      | mohan | OK       |
| 30 | Q1752-03    | TP-2       | SAM | 04/09/25 12:39 |      | mohan | OK       |
| 31 | Q1752-05    | TP-4       | SAM | 04/09/25 12:41 |      | mohan | OK       |
| 32 | Q1752-07    | TP-3       | SAM | 04/09/25 12:44 |      | mohan | OK       |
| 33 | CCV51       | CCV51      | CCV | 04/09/25 12:46 |      | mohan | OK       |
| 34 | CCB51       | CCB51      | CCB | 04/09/25 12:48 |      | mohan | OK       |
| 35 | Q1753-01    | WC-1       | SAM | 04/09/25 12:53 |      | mohan | OK       |
| 36 | Q1753-05    | WC-2       | SAM | 04/09/25 12:55 |      | mohan | OK       |
| 37 | Q1753-05DUP | WC-2DUP    | DUP | 04/09/25 12:57 |      | mohan | OK       |
| 38 | Q1753-05MS  | WC-2MS     | MS  | 04/09/25 12:59 |      | mohan | OK       |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135354**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/10/2025 10:50:44 PM |
| Supervise By     | mohan                                           | Supervise On | 4/16/2025 4:32:00 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85158,MP85159,MP85160,MP85161,MP85162,MP85163 |              |                       |
| ICV Standard     | MP85164                                         |              |                       |
| CCV Standard     | MP85166                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85168                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85165,MP85167,MP85169,MP85174                 |              |                       |

|    |             |             |     |                |                       |       |          |
|----|-------------|-------------|-----|----------------|-----------------------|-------|----------|
| 39 | Q1753-05MSD | WC-2MSD     | MSD | 04/09/25 13:02 |                       | mohan | OK       |
| 40 | Q1753-05L   | WC-2L       | SD  | 04/09/25 13:34 |                       | mohan | OK       |
| 41 | Q1753-05A   | WC-2A       | PS  | 04/09/25 13:36 |                       | mohan | OK       |
| 42 | Q1745-01DL  | IB-6A-WCDL  | SAM | 04/09/25 13:41 | Report 10X,Still high | mohan | Dilution |
| 43 | Q1745-09DL  | IB-6.5-WCDL | SAM | 04/09/25 13:48 | Report 5X             | mohan | Confirms |
| 44 | Q1748-01DL  | IB-1.5-WCDL | SAM | 04/09/25 13:56 | Report 5X             | mohan | Confirms |
| 45 | CCV52       | CCV52       | CCV | 04/09/25 13:58 |                       | mohan | OK       |
| 46 | CCB52       | CCB52       | CCB | 04/09/25 14:04 |                       | mohan | OK       |
| 47 | Q1745-01DL2 | IB-6A-WCDL2 | SAM | 04/09/25 14:13 | Report 50X            | mohan | Confirms |
| 48 | CCV53       | CCV53       | CCV | 04/09/25 14:18 |                       | mohan | OK       |
| 49 | CCB53       | CCB53       | CCB | 04/09/25 14:21 |                       | mohan | OK       |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
| Supervise By     | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard     | MP85023                                         |              |                       |
| CCV Standard     | MP85026                                         |              |                       |
| ICSA Standard    | MP85024,MP85025                                 |              |                       |
| CRI Standard     | MP85022                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85030,MP85031                                 |              |                       |

| Sr# | SampleId   | ClientID   | QcType | Date           | Comment                                             | Operator | Status |
|-----|------------|------------|--------|----------------|-----------------------------------------------------|----------|--------|
| 1   | S0         | S0         | CAL1   | 04/10/25 09:30 |                                                     | Kareem   | OK     |
| 2   | S1         | S1         | CAL2   | 04/10/25 09:35 |                                                     | Kareem   | OK     |
| 3   | S2         | S2         | CAL3   | 04/10/25 09:39 |                                                     | Kareem   | OK     |
| 4   | S3         | S3         | CAL4   | 04/10/25 09:43 |                                                     | Kareem   | OK     |
| 5   | S4         | S4         | CAL5   | 04/10/25 09:47 |                                                     | Kareem   | OK     |
| 6   | S5         | S5         | CAL6   | 04/10/25 09:51 |                                                     | Kareem   | OK     |
| 7   | ICV01      | ICV01      | ICV    | 04/10/25 10:09 | ICV01 Fail For<br>Be,Cd,Ca,Co,Mg,Mn,Ni,V<br>(200.7) | Kareem   | OK     |
| 8   | LLICV01    | LLICV01    | LLICV  | 04/10/25 10:25 |                                                     | Kareem   | OK     |
| 9   | ICB01      | ICB01      | ICB    | 04/10/25 10:29 |                                                     | Kareem   | OK     |
| 10  | CRI01      | CRI01      | CRDL   | 04/10/25 10:33 |                                                     | Kareem   | OK     |
| 11  | ICSA01     | ICSA01     | ICSA   | 04/10/25 10:37 |                                                     | Kareem   | OK     |
| 12  | ICSAB01    | ICSAB01    | ICSAB  | 04/10/25 10:42 |                                                     | Kareem   | OK     |
| 13  | ICSADL     | ICSADL     | ICSA   | 04/10/25 10:46 |                                                     | Kareem   | OK     |
| 14  | ICSABDL    | ICSABDL    | ICSAB  | 04/10/25 10:50 |                                                     | Kareem   | OK     |
| 15  | CCV01      | CCV01      | CCV    | 04/10/25 11:00 |                                                     | Kareem   | OK     |
| 16  | CCB01      | CCB01      | CCB    | 04/10/25 11:21 |                                                     | Kareem   | OK     |
| 17  | PB167483BL | PB167483BL | MB     | 04/10/25 11:26 |                                                     | Kareem   | OK     |
| 18  | PB167483BS | PB167483BS | LCS    | 04/10/25 11:30 |                                                     | Kareem   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
| Supervise By     | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard     | MP85023                                         |              |                       |
| CCV Standard     | MP85026                                         |              |                       |
| ICSA Standard    | MP85024,MP85025                                 |              |                       |
| CRI Standard     | MP85022                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85030,MP85031                                 |              |                       |

|    |            |                    |     |                |  |        |    |
|----|------------|--------------------|-----|----------------|--|--------|----|
| 19 | PB167497BL | PB167497BL         | MB  | 04/10/25 11:34 |  | Kareem | OK |
| 20 | PB167497BS | PB167497BS         | LCS | 04/10/25 11:38 |  | Kareem | OK |
| 21 | Q1715-01   | WATER TREATMENT    | SAM | 04/10/25 11:42 |  | Kareem | OK |
| 22 | Q1745-01   | IB-6A-WC           | SAM | 04/10/25 11:47 |  | Kareem | OK |
| 23 | Q1745-09   | IB-6.5-WC          | SAM | 04/10/25 11:51 |  | Kareem | OK |
| 24 | Q1748-01   | IB-1.5-WC          | SAM | 04/10/25 11:55 |  | Kareem | OK |
| 25 | Q1748-05   | IB-2A-WC           | SAM | 04/10/25 11:59 |  | Kareem | OK |
| 26 | Q1749-01   | TP-14              | SAM | 04/10/25 12:03 |  | Kareem | OK |
| 27 | CCV02      | CCV02              | CCV | 04/10/25 12:08 |  | Kareem | OK |
| 28 | CCB02      | CCB02              | CCB | 04/10/25 12:12 |  | Kareem | OK |
| 29 | Q1732-01   | TT-8               | SAM | 04/10/25 12:17 |  | Kareem | OK |
| 30 | Q1733-01   | ETGI-328           | SAM | 04/10/25 12:21 |  | Kareem | OK |
| 31 | Q1740-01   | TP-20              | SAM | 04/10/25 12:25 |  | Kareem | OK |
| 32 | Q1743-01   | TP-16              | SAM | 04/10/25 12:29 |  | Kareem | OK |
| 33 | Q1739-01   | WC-LIQUID-20250404 | SAM | 04/10/25 12:33 |  | Kareem | OK |
| 34 | Q1748-04   | IB-1.5-WC          | SAM | 04/10/25 12:38 |  | Kareem | OK |
| 35 | Q1748-08   | IB-2A-WC           | SAM | 04/10/25 12:42 |  | Kareem | OK |
| 36 | Q1754-02   | TP-1               | SAM | 04/10/25 12:46 |  | Kareem | OK |
| 37 | Q1754-04   | TP-1-CONCRETE      | SAM | 04/10/25 12:51 |  | Kareem | OK |
| 38 | Q1754-01   | TP-1               | SAM | 04/10/25 12:55 |  | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
| Supervise By     | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard     | MP85023                                         |              |                       |
| CCV Standard     | MP85026                                         |              |                       |
| ICSA Standard    | MP85024,MP85025                                 |              |                       |
| CRI Standard     | MP85022                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85030,MP85031                                 |              |                       |

|    |             |                  |     |                |  |        |    |
|----|-------------|------------------|-----|----------------|--|--------|----|
| 39 | CCV03       | CCV03            | CCV | 04/10/25 12:59 |  | Kareem | OK |
| 40 | CCB03       | CCB03            | CCB | 04/10/25 13:04 |  | Kareem | OK |
| 41 | Q1754-03    | TP-1-CONCRETE    | SAM | 04/10/25 13:07 |  | Kareem | OK |
| 42 | Q1754-03DUP | TP-1-CONCRETEDUP | DUP | 04/10/25 13:12 |  | Kareem | OK |
| 43 | Q1754-03L   | TP-1-CONCRETEL   | SD  | 04/10/25 13:16 |  | Kareem | OK |
| 44 | Q1754-03A   | TP-1-CONCRETEA   | PS  | 04/10/25 13:29 |  | Kareem | OK |
| 45 | Q1715-01DUP | WATER TREATMENT  | DUP | 04/10/25 13:33 |  | Kareem | OK |
| 46 | Q1715-01L   | WATER TREATMENT  | SD  | 04/10/25 13:38 |  | Kareem | OK |
| 47 | Q1745-04    | IB-6A-WC         | SAM | 04/10/25 13:42 |  | Kareem | OK |
| 48 | Q1745-12    | IB-6.5-WC        | SAM | 04/10/25 13:47 |  | Kareem | OK |
| 49 | CCV04       | CCV04            | CCV | 04/10/25 13:51 |  | Kareem | OK |
| 50 | CCB04       | CCB04            | CCB | 04/10/25 13:55 |  | Kareem | OK |
| 51 | Q1715-01MS  | WATER TREATMENT  | MS  | 04/10/25 13:59 |  | Kareem | OK |
| 52 | Q1715-01MSD | WATER TREATMENT  | MSD | 04/10/25 14:07 |  | Kareem | OK |
| 53 | Q1715-01A   | WATER TREATMENT  | PS  | 04/10/25 14:11 |  | Kareem | OK |
| 54 | Q1744-01    | B-158-SB01       | SAM | 04/10/25 14:15 |  | Kareem | OK |
| 55 | Q1744-03    | B-158-SB02       | SAM | 04/10/25 14:19 |  | Kareem | OK |
| 56 | Q1754-03MS  | TP-1-CONCRETEMS  | MS  | 04/10/25 14:23 |  | Kareem | OK |
| 57 | Q1754-03MSD | TP-1-CONCRETEMS  | MSD | 04/10/25 14:27 |  | Kareem | OK |
| 58 | Q1745-09DUP | IB-6.5-WCDUP     | DUP | 04/10/25 14:32 |  | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
| Supervise By     | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard     | MP85023                                         |              |                       |
| CCV Standard     | MP85026                                         |              |                       |
| ICSA Standard    | MP85024,MP85025                                 |              |                       |
| CRI Standard     | MP85022                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85030,MP85031                                 |              |                       |

|    |             |              |     |                |                                                         |        |    |
|----|-------------|--------------|-----|----------------|---------------------------------------------------------|--------|----|
| 59 | Q1745-09L   | IB-6.5-WCL   | SD  | 04/10/25 14:36 |                                                         | Kareem | OK |
| 60 | CCV05       | CCV05        | CCV | 04/10/25 14:44 |                                                         | Kareem | OK |
| 61 | CCB05       | CCB05        | CCB | 04/10/25 14:49 |                                                         | Kareem | OK |
| 62 | Q1745-09A   | IB-6.5-WCA   | PS  | 04/10/25 14:57 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 63 | Q1745-09MS  | IB-6.5-WCMS  | MS  | 04/10/25 15:05 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 64 | Q1745-09MSD | IB-6.5-WCMSD | MSD | 04/10/25 15:09 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 65 | PBW04       | PBW04        | MB  | 04/10/25 15:14 |                                                         | Kareem | OK |
| 66 | LCSSW04     | LCSSW04      | LCS | 04/10/25 15:18 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 67 | PBS04       | PBS04        | MB  | 04/10/25 15:23 |                                                         | Kareem | OK |
| 68 | LCSS04      | LCSS04       | LCS | 04/10/25 15:27 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 69 | PBW05       | PBW05        | MB  | 04/10/25 15:31 |                                                         | Kareem | OK |
| 70 | PBS05       | PBS05        | MB  | 04/10/25 15:35 |                                                         | Kareem | OK |
| 71 | WATER MDL-4 | WATER MDL-4  | SAM | 04/10/25 15:40 |                                                         | Kareem | OK |
| 72 | CCV06       | CCV06        | CCV | 04/10/25 15:44 |                                                         | Kareem | OK |
| 73 | CCB06       | CCB06        | CCB | 04/10/25 15:48 |                                                         | Kareem | OK |
| 74 | WATER MDL-5 | WATER MDL-5  | SAM | 04/10/25 15:52 |                                                         | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
| Supervise By     | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard     | MP85023                                         |              |                       |
| CCV Standard     | MP85026                                         |              |                       |
| ICSA Standard    | MP85024,MP85025                                 |              |                       |
| CRI Standard     | MP85022                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85030,MP85031                                 |              |                       |

|    |             |                   |     |                |                                                               |        |    |
|----|-------------|-------------------|-----|----------------|---------------------------------------------------------------|--------|----|
| 75 | SOIL MDL-4  | SOIL MDL-4        | SAM | 04/10/25 16:09 |                                                               | Kareem | OK |
| 76 | Q1746-01    | B-149-SB01        | SAM | 04/10/25 16:17 |                                                               | Kareem | OK |
| 77 | Q1746-03    | B-149-SB02        | SAM | 04/10/25 16:22 |                                                               | Kareem | OK |
| 78 | PB167490BL  | PB167490BL        | MB  | 04/10/25 16:26 |                                                               | Kareem | OK |
| 79 | PB167490BS  | PB167490BS        | LCS | 04/10/25 16:39 | 0.1 ML OF M6004 AND<br>M6013 WERE ADDED TO<br>10 ML OF SAMPLE | Kareem | OK |
| 80 | PB167517TB  | PB167517TB        | MB  | 04/10/25 16:43 |                                                               | Kareem | OK |
| 81 | Q1744-02    | B-158-SB01        | SAM | 04/10/25 16:47 |                                                               | Kareem | OK |
| 82 | Q1744-04    | B-158-SB02        | SAM | 04/10/25 16:52 | Confirm TCLP for Ba                                           | Kareem | OK |
| 83 | CCV07       | CCV07             | CCV | 04/10/25 16:56 |                                                               | Kareem | OK |
| 84 | CCB07       | CCB07             | CCB | 04/10/25 17:00 |                                                               | Kareem | OK |
| 85 | Q1780-01    | 001-WILLETS-PT-BL | SAM | 04/10/25 17:05 |                                                               | Kareem | OK |
| 86 | Q1780-02    | 002-35TH-AVE(MAR) | SAM | 04/10/25 17:09 |                                                               | Kareem | OK |
| 87 | Q1780-02DUP | 002-35TH-AVE(MAR) | DUP | 04/10/25 17:13 |                                                               | Kareem | OK |
| 88 | Q1780-02L   | 002-35TH-AVE(MAR) | SD  | 04/10/25 17:18 |                                                               | Kareem | OK |
| 89 | Q1780-02MS  | 002-35TH-AVE(MAR) | MS  | 04/10/25 17:22 | 0.1 ML OF M6004 AND<br>M6013 WERE ADDED TO<br>10 ML OF SAMPLE | Kareem | OK |
| 90 | Q1780-02MSD | 002-35TH-AVE(MAR) | MSD | 04/10/25 17:26 | 0.1 ML OF M6004 AND<br>M6013 WERE ADDED TO<br>10 ML OF SAMPLE | Kareem | OK |
|    |             |                   |     |                |                                                               |        |    |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135373**

| Review By     | jaswal                                          | Review On    | 4/11/2025 8:35:52 AM  |
|---------------|-------------------------------------------------|--------------|-----------------------|
| Supervise By  | kareem                                          | Supervise On | 4/11/2025 10:25:08 AM |
| STD. NAME     | STD REF.#                                       |              |                       |
| ICAL Standard | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                       |
| ICV Standard  | MP85023                                         |              |                       |
| CCV Standard  | MP85026                                         |              |                       |
| ICSA Standard | MP85024,MP85025                                 |              |                       |
| CRI Standard  | MP85022                                         |              |                       |
| LCS Standard  |                                                 |              |                       |
| Chk Standard  | MP85030,MP85031                                 |              |                       |

|     |            |                   |          |                |                                                         |        |    |
|-----|------------|-------------------|----------|----------------|---------------------------------------------------------|--------|----|
| 91  | Q1780-02A  | 002-35TH-AVE(MAR) | PS       | 04/10/25 17:30 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 92  | SOIL MDL-5 | SOIL MDL-5        | SAM      | 04/10/25 17:34 |                                                         | Kareem | OK |
| 93  | PB167554BL | PB167554BL        | MB       | 04/10/25 17:39 |                                                         | Kareem | OK |
| 94  | PB167554BS | PB167554BS        | LCS      | 04/10/25 17:43 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 95  | CCV08      | CCV08             | CCV      | 04/10/25 17:56 |                                                         | Kareem | OK |
| 96  | CCB08      | CCB08             | CCB      | 04/10/25 18:00 |                                                         | Kareem | OK |
| 97  | LR1        | LR1               | HIGH STD | 04/10/25 18:05 |                                                         | Kareem | OK |
| 98  | LR2        | LR2               | HIGH STD | 04/10/25 18:10 |                                                         | Kareem | OK |
| 99  | CCV09      | CCV09             | CCV      | 04/10/25 18:19 |                                                         | Kareem | OK |
| 100 | CCB09      | CCB09             | CCB      | 04/10/25 18:23 |                                                         | Kareem | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135388**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 4/14/2025 8:08:06 AM  |
| Supervise By     | jaswal                                          | Supervise On | 4/14/2025 11:29:48 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85176,MP85177,MP85178,MP85179,MP85180,MP85181 |              |                       |
| ICV Standard     | MP85182                                         |              |                       |
| CCV Standard     | MP85184                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85186                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85183,MP85185,MP85187,MP85196                 |              |                       |

| Sr# | SampleId    | ClientID           | QcType   | Date           | Comment | Operator | Status |
|-----|-------------|--------------------|----------|----------------|---------|----------|--------|
| 1   | S0          | S0                 | CAL1     | 04/11/25 09:45 |         | mohan    | OK     |
| 2   | S0.2        | S0.2               | CAL2     | 04/11/25 09:48 |         | mohan    | OK     |
| 3   | S2.5        | S2.5               | CAL3     | 04/11/25 09:50 |         | mohan    | OK     |
| 4   | S5          | S5                 | CAL4     | 04/11/25 09:52 |         | mohan    | OK     |
| 5   | S7.5        | S7.5               | CAL5     | 04/11/25 09:54 |         | mohan    | OK     |
| 6   | S10         | S10                | CAL6     | 04/11/25 10:00 |         | mohan    | OK     |
| 7   | ICV84       | ICV84              | ICV      | 04/11/25 10:03 |         | mohan    | OK     |
| 8   | ICB84       | ICB84              | ICB      | 04/11/25 10:05 |         | mohan    | OK     |
| 9   | CCV59       | CCV59              | CCV      | 04/11/25 10:07 |         | mohan    | OK     |
| 10  | CCB59       | CCB59              | CCB      | 04/11/25 10:09 |         | mohan    | OK     |
| 11  | CRA         | CRA                | CRDL     | 04/11/25 10:12 |         | mohan    | OK     |
| 12  | HighStd     | HighStd            | HIGH STD | 04/11/25 10:14 |         | mohan    | OK     |
| 13  | ChkStd      | ChkStd             | SAM      | 04/11/25 10:16 |         | mohan    | OK     |
| 14  | PB167568BL  | PB167568BL         | MB       | 04/11/25 10:18 |         | mohan    | OK     |
| 15  | PB167568BS  | PB167568BS         | LCS      | 04/11/25 10:23 |         | mohan    | OK     |
| 16  | Q1739-02    | WC-LIQUID-20250404 | SAM      | 04/11/25 10:26 |         | mohan    | OK     |
| 17  | Q1739-02DUP | WC-LIQUID-20250404 | DUP      | 04/11/25 10:28 |         | mohan    | OK     |
| 18  | Q1739-02MS  | WC-LIQUID-20250404 | MS       | 04/11/25 10:30 |         | mohan    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135388**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 4/14/2025 8:08:06 AM  |
| Supervise By     | jaswal                                          | Supervise On | 4/14/2025 11:29:48 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85176,MP85177,MP85178,MP85179,MP85180,MP85181 |              |                       |
| ICV Standard     | MP85182                                         |              |                       |
| CCV Standard     | MP85184                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85186                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85183,MP85185,MP85187,MP85196                 |              |                       |

|    |             |                    |     |                |  |       |    |
|----|-------------|--------------------|-----|----------------|--|-------|----|
| 19 | PB167569BL  | PB167569BL         | MB  | 04/11/25 10:35 |  | mohan | OK |
| 20 | CCV60       | CCV60              | CCV | 04/11/25 10:37 |  | mohan | OK |
| 21 | CCB60       | CCB60              | CCB | 04/11/25 10:39 |  | mohan | OK |
| 22 | PB167569BS  | PB167569BS         | LCS | 04/11/25 10:46 |  | mohan | OK |
| 23 | Q1739-01    | WC-LIQUID-20250404 | SAM | 04/11/25 10:49 |  | mohan | OK |
| 24 | Q1746-05    | B-158-GW01         | SAM | 04/11/25 10:56 |  | mohan | OK |
| 25 | Q1746-05DUP | B-158-GW01DUP      | DUP | 04/11/25 10:58 |  | mohan | OK |
| 26 | Q1746-05MS  | B-158-GW01MS       | MS  | 04/11/25 11:00 |  | mohan | OK |
| 27 | Q1746-05MSD | B-158-GW01MSD      | MSD | 04/11/25 11:03 |  | mohan | OK |
| 28 | Q1746-06    | B-149-GW01         | SAM | 04/11/25 11:05 |  | mohan | OK |
| 29 | Q1746-07    | EB-2025-4-7        | SAM | 04/11/25 11:07 |  | mohan | OK |
| 30 | Q1774-02    | TT-073-IDWGW-2025  | SAM | 04/11/25 11:09 |  | mohan | OK |
| 31 | Q1774-03    | TT-074-IDWGW-2025  | SAM | 04/11/25 11:12 |  | mohan | OK |
| 32 | CCV61       | CCV61              | CCV | 04/11/25 11:14 |  | mohan | OK |
| 33 | CCB61       | CCB61              | CCB | 04/11/25 11:16 |  | mohan | OK |
| 34 | Q1774-04    | TT-075-IDWGW-2025  | SAM | 04/11/25 11:19 |  | mohan | OK |
| 35 | PB167488TB  | PB167488TB         | MB  | 04/11/25 11:21 |  | mohan | OK |
| 36 | Q1739-02L   | WC-LIQUID-20250404 | SD  | 04/11/25 11:23 |  | mohan | OK |
| 37 | Q1739-02A   | WC-LIQUID-20250404 | PS  | 04/11/25 11:25 |  | mohan | OK |
| 38 | Q1746-05L   | B-158-GW01L        | SD  | 04/11/25 11:28 |  | mohan | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135388**

| Review By     | mohan                                           | Review On    | 4/14/2025 8:08:06 AM  |
|---------------|-------------------------------------------------|--------------|-----------------------|
| Supervise By  | jaswal                                          | Supervise On | 4/14/2025 11:29:48 PM |
| STD. NAME     | STD REF.#                                       |              |                       |
| ICAL Standard | MP85176,MP85177,MP85178,MP85179,MP85180,MP85181 |              |                       |
| ICV Standard  | MP85182                                         |              |                       |
| CCV Standard  | MP85184                                         |              |                       |
| ICSA Standard |                                                 |              |                       |
| CRI Standard  | MP85186                                         |              |                       |
| LCS Standard  |                                                 |              |                       |
| Chk Standard  | MP85183,MP85185,MP85187,MP85196                 |              |                       |

|    |             |                    |     |                |  |       |    |
|----|-------------|--------------------|-----|----------------|--|-------|----|
| 39 | Q1746-05A   | B-158-GW01A        | PS  | 04/11/25 11:30 |  | mohan | OK |
| 40 | Q1739-02MSD | WC-LIQUID-20250404 | MSD | 04/11/25 11:39 |  | mohan | OK |
| 41 | CCV62       | CCV62              | CCV | 04/11/25 11:41 |  | mohan | OK |
| 42 | CCB62       | CCB62              | CCB | 04/11/25 11:43 |  | mohan | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

| Sr# | SampleId    | ClientID | QcType | Date           | Comment | Operator | Status |
|-----|-------------|----------|--------|----------------|---------|----------|--------|
| 1   | S0          | S0       | CAL1   | 04/14/25 13:13 |         | Kareem   | OK     |
| 2   | S1          | S1       | CAL2   | 04/14/25 13:17 |         | Kareem   | OK     |
| 3   | S2          | S2       | CAL3   | 04/14/25 13:22 |         | Kareem   | OK     |
| 4   | S3          | S3       | CAL4   | 04/14/25 13:26 |         | Kareem   | OK     |
| 5   | S4          | S4       | CAL5   | 04/14/25 13:30 |         | Kareem   | OK     |
| 6   | S5          | S5       | CAL6   | 04/14/25 13:34 |         | Kareem   | OK     |
| 7   | ICV01       | ICV01    | ICV    | 04/14/25 13:56 |         | Kareem   | OK     |
| 8   | LLICV01     | LLICV01  | LLICV  | 04/14/25 14:01 |         | Kareem   | OK     |
| 9   | ICB01       | ICB01    | ICB    | 04/14/25 14:05 |         | Kareem   | OK     |
| 10  | CRI01       | CRI01    | CRDL   | 04/14/25 14:09 |         | Kareem   | OK     |
| 11  | ICSA01      | ICSA01   | ICSA   | 04/14/25 14:14 |         | Kareem   | OK     |
| 12  | ICSAB01     | ICSAB01  | ICSAB  | 04/14/25 14:18 |         | Kareem   | OK     |
| 13  | ICSADL      | ICSADL   | ICSA   | 04/14/25 14:22 |         | Kareem   | OK     |
| 14  | ICSABDL     | ICSABDL  | ICSAB  | 04/14/25 14:27 |         | Kareem   | OK     |
| 15  | CCV01       | CCV01    | CCV    | 04/14/25 14:31 |         | Kareem   | OK     |
| 16  | CCB01       | CCB01    | CCB    | 04/14/25 14:35 |         | Kareem   | OK     |
| 17  | Q1743-04    | TP-16    | SAM    | 04/14/25 14:39 |         | Kareem   | OK     |
| 18  | Q1743-04DUP | TP-16DUP | DUP    | 04/14/25 14:44 |         | Kareem   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|    |             |                   |     |                |  |        |    |
|----|-------------|-------------------|-----|----------------|--|--------|----|
| 19 | Q1743-04L   | TP-16L            | SD  | 04/14/25 14:48 |  | Kareem | OK |
| 20 | Q1743-04MS  | TP-16MS           | MS  | 04/14/25 14:52 |  | Kareem | OK |
| 21 | Q1743-04MSD | TP-16MSD          | MSD | 04/14/25 14:57 |  | Kareem | OK |
| 22 | Q1743-04A   | TP-16A            | PS  | 04/14/25 15:01 |  | Kareem | OK |
| 23 | Q1774-02    | TT-073-IDWGW-2025 | SAM | 04/14/25 15:05 |  | Kareem | OK |
| 24 | Q1774-03    | TT-074-IDWGW-2025 | SAM | 04/14/25 15:09 |  | Kareem | OK |
| 25 | Q1774-04    | TT-075-IDWGW-2025 | SAM | 04/14/25 15:14 |  | Kareem | OK |
| 26 | Q1774-02DUP | TT-073-IDWGW-2025 | DUP | 04/14/25 15:18 |  | Kareem | OK |
| 27 | CCV02       | CCV02             | CCV | 04/14/25 15:22 |  | Kareem | OK |
| 28 | CCB02       | CCB02             | CCB | 04/14/25 15:26 |  | Kareem | OK |
| 29 | Q1774-02L   | TT-073-IDWGW-2025 | SD  | 04/14/25 15:31 |  | Kareem | OK |
| 30 | Q1774-02MS  | TT-073-IDWGW-2025 | MS  | 04/14/25 15:35 |  | Kareem | OK |
| 31 | Q1774-02MSD | TT-073-IDWGW-2025 | MSD | 04/14/25 15:39 |  | Kareem | OK |
| 32 | Q1774-02A   | TT-073-IDWGW-2025 | PS  | 04/14/25 15:43 |  | Kareem | OK |
| 33 | Q1705-04    | ETGI-327          | SAM | 04/14/25 15:47 |  | Kareem | OK |
| 34 | Q1705-05    | ETGI-275          | SAM | 04/14/25 15:52 |  | Kareem | OK |
| 35 | PB167533BL  | PB167533BL        | MB  | 04/14/25 15:56 |  | Kareem | OK |
| 36 | PB167533BS  | PB167533BS        | LCS | 04/14/25 16:01 |  | Kareem | OK |
| 37 | Q1753-04    | WC-1              | SAM | 04/14/25 16:05 |  | Kareem | OK |
| 38 | Q1753-08    | WC-2              | SAM | 04/14/25 16:09 |  | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|    |             |               |     |                |         |        |          |
|----|-------------|---------------|-----|----------------|---------|--------|----------|
| 39 | CCV03       | CCV03         | CCV | 04/14/25 16:28 |         | Kareem | OK       |
| 40 | CCB03       | CCB03         | CCB | 04/14/25 16:32 |         | Kareem | OK       |
| 41 | Q1753-01    | WC-1          | SAM | 04/14/25 16:37 |         | Kareem | OK       |
| 42 | Q1753-05    | WC-2          | SAM | 04/14/25 16:41 |         | Kareem | OK       |
| 43 | Q1768-01    | CRUSHED STONE | SAM | 04/14/25 16:45 | Zn high | Kareem | Dilution |
| 44 | Q1756-01    | TP-9          | SAM | 04/14/25 16:49 |         | Kareem | OK       |
| 45 | Q1760-01    | TP-17         | SAM | 04/14/25 16:53 |         | Kareem | OK       |
| 46 | Q1760-05    | TP-15         | SAM | 04/14/25 16:57 |         | Kareem | OK       |
| 47 | Q1779-01    | TP-22         | SAM | 04/14/25 17:01 |         | Kareem | OK       |
| 48 | Q1779-05    | TP-23         | SAM | 04/14/25 17:06 |         | Kareem | OK       |
| 49 | Q1779-05DUP | TP-23DUP      | DUP | 04/14/25 17:10 |         | Kareem | OK       |
| 50 | Q1779-05L   | TP-23L        | SD  | 04/14/25 17:14 |         | Kareem | OK       |
| 51 | CCV04       | CCV04         | CCV | 04/14/25 17:18 |         | Kareem | OK       |
| 52 | CCB04       | CCB04         | CCB | 04/14/25 17:22 |         | Kareem | OK       |
| 53 | Q1779-05MS  | TP-23MS       | MS  | 04/14/25 17:27 |         | Kareem | OK       |
| 54 | Q1779-05MSD | TP-23MSD      | MSD | 04/14/25 17:31 |         | Kareem | OK       |
| 55 | Q1779-05A   | TP-23A        | PS  | 04/14/25 17:35 |         | Kareem | OK       |
| 56 | Q1781-01    | WC-13         | SAM | 04/14/25 17:39 |         | Kareem | OK       |
| 57 | Q1781-05    | WC-12         | SAM | 04/14/25 17:43 |         | Kareem | OK       |
| 58 | Q1781-09    | WC-11         | SAM | 04/14/25 17:48 |         | Kareem | OK       |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|    |            |                   |     |                |           |        |          |
|----|------------|-------------------|-----|----------------|-----------|--------|----------|
| 59 | PB167567BL | PB167567BL        | MB  | 04/14/25 17:52 |           | Kareem | OK       |
| 60 | PB167567BS | PB167567BS        | LCS | 04/14/25 17:56 |           | Kareem | OK       |
| 61 | PB167482BL | PB167482BL        | MB  | 04/14/25 18:00 |           | Kareem | OK       |
| 62 | PB167482BS | PB167482BS        | LCS | 04/14/25 18:12 |           | Kareem | OK       |
| 63 | CCV05      | CCV05             | CCV | 04/14/25 18:16 |           | Kareem | OK       |
| 64 | CCB05      | CCB05             | CCB | 04/14/25 18:20 |           | Kareem | OK       |
| 65 | PB167530BL | PB167530BL        | MB  | 04/14/25 18:25 |           | Kareem | OK       |
| 66 | PB167530BS | PB167530BS        | LCS | 04/14/25 18:29 |           | Kareem | OK       |
| 67 | PB167548BL | PB167548BL        | MB  | 04/14/25 18:33 |           | Kareem | OK       |
| 68 | PB167548BS | PB167548BS        | LCS | 04/14/25 18:38 |           | Kareem | OK       |
| 69 | PB167566BL | PB167566BL        | MB  | 04/14/25 18:42 |           | Kareem | OK       |
| 70 | PB167566BS | PB167566BS        | LCS | 04/14/25 18:46 |           | Kareem | OK       |
| 71 | PB167500BL | PB167500BL        | MB  | 04/14/25 18:50 |           | Kareem | OK       |
| 72 | PB167500BS | PB167500BS        | LCS | 04/14/25 18:54 |           | Kareem | OK       |
| 73 | Q1768-01DL | CRUSHED STONEDL   | SAM | 04/14/25 18:58 | 5X for Zn | Kareem | Confirms |
| 74 | Q1730-01   | OU4-VSL-15-040325 | SAM | 04/14/25 19:02 |           | Kareem | OK       |
| 75 | CCV06      | CCV06             | CCV | 04/14/25 19:07 |           | Kareem | OK       |
| 76 | CCB06      | CCB06             | CCB | 04/14/25 19:11 |           | Kareem | OK       |
| 77 | Q1730-03   | OU4-VSL-16-040325 | SAM | 04/14/25 19:15 |           | Kareem | OK       |
| 78 | Q1730-05   | OU4-VSL-17-040325 | SAM | 04/14/25 19:19 |           | Kareem | OK       |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|    |             |                    |     |                |  |        |    |
|----|-------------|--------------------|-----|----------------|--|--------|----|
| 79 | Q1730-07    | OU4-PCS-TC-21-0403 | SAM | 04/14/25 19:23 |  | Kareem | OK |
| 80 | Q1730-09    | OU4-PCS-TC-22-0403 | SAM | 04/14/25 19:27 |  | Kareem | OK |
| 81 | Q1730-11    | OU4-PCS-TC-23-0403 | SAM | 04/14/25 19:32 |  | Kareem | OK |
| 82 | Q1730-13    | OU4-PCS-TC-24-0403 | SAM | 04/14/25 19:36 |  | Kareem | OK |
| 83 | Q1730-15    | OU4-PCS-TC-25-0403 | SAM | 04/14/25 19:40 |  | Kareem | OK |
| 84 | Q1730-17    | OU4-PCS-TC-26-0403 | SAM | 04/14/25 19:44 |  | Kareem | OK |
| 85 | Q1730-19    | OU4-CF-15-040325   | SAM | 04/14/25 19:49 |  | Kareem | OK |
| 86 | Q1736-01    | GST1               | SAM | 04/14/25 19:53 |  | Kareem | OK |
| 87 | CCV07       | CCV07              | CCV | 04/14/25 19:57 |  | Kareem | OK |
| 88 | CCB07       | CCB07              | CCB | 04/14/25 20:01 |  | Kareem | OK |
| 89 | Q1736-02    | GST2               | SAM | 04/14/25 20:05 |  | Kareem | OK |
| 90 | Q1738-01    | OK-02-040425       | SAM | 04/14/25 20:10 |  | Kareem | OK |
| 91 | Q1738-01DUP | OK-02-040425DUP    | DUP | 04/14/25 20:14 |  | Kareem | OK |
| 92 | Q1738-01L   | OK-02-040425L      | SD  | 04/14/25 20:18 |  | Kareem | OK |
| 93 | Q1738-01MS  | OK-02-040425MS     | MS  | 04/14/25 20:22 |  | Kareem | OK |
| 94 | Q1738-01MSD | OK-02-040425MSD    | MSD | 04/14/25 20:26 |  | Kareem | OK |
| 95 | Q1738-01A   | OK-02-040425A      | PS  | 04/14/25 20:30 |  | Kareem | OK |
| 96 | Q1746-02    | B-149-SB01         | SAM | 04/14/25 20:34 |  | Kareem | OK |
| 97 | Q1746-04    | B-149-SB02         | SAM | 04/14/25 20:39 |  | Kareem | OK |
| 98 | Q1749-04    | TP-14              | SAM | 04/14/25 20:43 |  | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|     |             |               |     |                |  |        |    |
|-----|-------------|---------------|-----|----------------|--|--------|----|
| 99  | CCV08       | CCV08         | CCV | 04/14/25 20:48 |  | Kareem | OK |
| 100 | CCB08       | CCB08         | CCB | 04/14/25 20:52 |  | Kareem | OK |
| 101 | Q1746-05    | B-158-GW01    | SAM | 04/14/25 20:56 |  | Kareem | OK |
| 102 | Q1746-06    | B-149-GW01    | SAM | 04/14/25 21:00 |  | Kareem | OK |
| 103 | Q1746-06DUP | B-149-GW01DUP | DUP | 04/14/25 21:05 |  | Kareem | OK |
| 104 | Q1746-06L   | B-149-GW01L   | SD  | 04/14/25 21:09 |  | Kareem | OK |
| 105 | Q1746-06MS  | B-149-GW01MS  | MS  | 04/14/25 21:13 |  | Kareem | OK |
| 106 | Q1746-06MSD | B-149-GW01MSD | MSD | 04/14/25 21:17 |  | Kareem | OK |
| 107 | Q1746-06A   | B-149-GW01A   | PS  | 04/14/25 21:21 |  | Kareem | OK |
| 108 | Q1746-07    | EB-2025-4-7   | SAM | 04/14/25 21:25 |  | Kareem | OK |
| 109 | Q1771-01    | TP-6C         | SAM | 04/14/25 21:30 |  | Kareem | OK |
| 110 | Q1771-05    | TP-7C         | SAM | 04/14/25 21:34 |  | Kareem | OK |
| 111 | CCV09       | CCV09         | CCV | 04/14/25 21:38 |  | Kareem | OK |
| 112 | CCB09       | CCB09         | CCB | 04/14/25 21:42 |  | Kareem | OK |
| 113 | Q1771-09    | TP-3A         | SAM | 04/14/25 21:46 |  | Kareem | OK |
| 114 | Q1771-09DUP | TP-3ADUP      | DUP | 04/14/25 21:50 |  | Kareem | OK |
| 115 | Q1771-09L   | TP-3AL        | SD  | 04/14/25 21:55 |  | Kareem | OK |
| 116 | Q1771-09MS  | TP-3AMS       | MS  | 04/14/25 21:59 |  | Kareem | OK |
| 117 | Q1771-09MSD | TP-3AMSD      | MSD | 04/14/25 22:03 |  | Kareem | OK |
| 118 | Q1771-09A   | TP-3AA        | PS  | 04/14/25 22:07 |  | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135424**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 4/15/2025 1:01:00 PM |
| Supervise By     | mohan                                           | Supervise On | 4/15/2025 1:12:12 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85016,MP85017,MP85018,MP85019,MP85020,MP85022 |              |                      |
| ICV Standard     | MP85023                                         |              |                      |
| CCV Standard     | MP85026                                         |              |                      |
| ICSA Standard    | MP85024,MP85025                                 |              |                      |
| CRI Standard     | MP85022                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85030,MP85031                                 |              |                      |

|     |          |             |     |                |             |        |    |
|-----|----------|-------------|-----|----------------|-------------|--------|----|
| 119 | Q1769-08 | EB01-040925 | SAM | 04/14/25 22:11 |             | Kareem | OK |
| 120 | Q1752-01 | TP-1        | SAM | 04/14/25 22:15 |             | Kareem | OK |
| 121 | Q1752-03 | TP-2        | SAM | 04/14/25 22:19 |             | Kareem | OK |
| 122 | Q1752-05 | TP-4        | SAM | 04/14/25 22:23 |             | Kareem | OK |
| 123 | CCV10    | CCV10       | CCV | 04/14/25 22:28 |             | Kareem | OK |
| 124 | CCB10    | CCB10       | CCB | 04/14/25 22:32 |             | Kareem | OK |
| 125 | Q1752-07 | TP-3        | SAM | 04/14/25 22:36 |             | Kareem | OK |
| 126 | CCV11    | CCV11       | CCV | 04/14/25 22:40 |             | Kareem | OK |
| 127 | CCB11    | CCB11       | CCB | 04/14/25 22:44 |             | Kareem | OK |
| 128 | Q1752-02 | TP-1        | SAM | 04/14/25 22:49 |             | Kareem | OK |
| 129 | Q1752-04 | TP-2        | SAM | 04/14/25 22:53 |             | Kareem | OK |
| 130 | Q1752-06 | TP-4        | SAM | 04/14/25 22:57 |             | Kareem | OK |
| 131 | Q1752-08 | TP-3        | SAM | 04/14/25 23:02 |             | Kareem | OK |
| 132 | CCV12    | CCV12       | CCV | 04/14/25 23:06 | Fail for Na | Kareem | OK |
| 133 | CCB12    | CCB12       | CCB | 04/14/25 23:11 |             | Kareem | OK |

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette 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 #2 2. N/A

Start Digest Date: 04/07/2025 Time : 14:05 Temp : 96 °C

End Digest Date: 04/07/2025 Time : 16:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: S123

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 1.00     | M6003               |
| LFS-2         | 1.00     | M6012               |
| 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           | M6158      |
| 30% H2O2            | 3.00           | M6125      |
| Conc. HCL           | 10.00          | M6151      |
| PTFE Boiling Stones | N/A            | M5581      |
| 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 # 2 CELL 35 Temp :96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 04/07/25 17:10 | S123. met. dig                          | S1 (metals lab)      |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | pH  | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment     | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|-------------|----------|
| PB167490BL    | PBS490           | N/A | 2.43               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 1        |
| PB167490BS    | LCS490           | N/A | 2.11               | 100            | Colorless    | Colorless   | Fine    | N/A      | M6003,M6012 | 2        |
| Q1744-01      | B-158-SB01       | N/A | 2.03               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 3        |
| Q1744-03      | B-158-SB02       | N/A | 2.10               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 4        |
| Q1745-01      | IB-6A-WC         | N/A | 2.10               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 5        |
| Q1745-09      | IB-6.5-WC        | N/A | 2.09               | 100            | Gray         | Yellow      | Medium  | N/A      | N/A         | 6        |
| Q1745-09MS    | IB-6.5-WCMS      | N/A | 2.09               | 100            | Gray         | Yellow      | Medium  | N/A      | M6003,M6012 | 8        |
| Q1745-09MSD   | IB-6.5-WCMSD     | N/A | 2.13               | 100            | Gray         | Yellow      | Medium  | N/A      | M6003,M6012 | 9        |
| Q1745-09DUP   | IB-6.5-WCDUP     | N/A | 2.22               | 100            | Gray         | Yellow      | Medium  | N/A      | N/A         | 7        |
| Q1746-01      | B-149-SB01       | N/A | 2.14               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 10       |
| Q1746-03      | B-149-SB02       | N/A | 2.05               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 11       |

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 04/08/2025 Time : 09:40 Temp : 96 °C

End Digest Date: 04/08/2025 Time : 12:50 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6003               |
| LFS-2         | 0.25     | M6012               |
| 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           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| 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 50 Temp :96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location            |
|----------------|-----------------------------------------|---------------------------------|
| 04/08/25 13:50 | <i>SKS. met. dig.</i>                   | <i>[Signature] (metals Lab)</i> |
|                | Preparation Group                       | Analysis Group                  |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB167500BL    | PBW500           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB167500BS    | LCS500           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6003,M6012 | 2        |
| Q1746-05      | B-158-GW01       | <2 | 50               | 25             | Black        | Light Brown | Clear          | Clear         | N/A         | 3        |
| Q1746-06      | B-149-GW01       | <2 | 50               | 25             | Black        | Light Brown | Clear          | Clear         | N/A         | 4        |
| Q1746-06MS    | B-149-GW01MS     | <2 | 50               | 25             | Brown        | light Brown | Cloudy         | Clear         | M6003,M6012 | 6        |
| Q1746-06MSD   | B-149-GW01MSD    | <2 | 50               | 25             | Brown        | light Brown | Cloudy         | Clear         | M6003,M6012 | 7        |
| Q1746-06DUP   | B-149-GW01DUP    | <2 | 50               | 25             | Brown        | light Brown | Cloudy         | Clear         | N/A         | 5        |
| Q1746-07      | EB-2025-4-7      | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 8        |

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette 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: 04/08/2025 Time : 16:50 Temp : 94 °C

End Digest Date: 04/08/2025 Time : 17:20 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP85164             |
| CCV               | 30mL     | MP85166             |
| CRA               | 30mL     | MP85168             |
| Blank Spike       | 0.48mL   | MP85157             |
| Matrix Spike      | 0.48mL   | MP85157             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| AQUA REGIA              | 1.5mL          | N/A        |
| 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        |
| N/A                     | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP85158 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP85159 |
| 2.5 ppb       | S2.5             | 30mL          | MP85160 |
| 5.0 ppb       | S5.0             | 30mL          | MP85161 |
| 7.5 ppb       | S7.5             | 30mL          | MP85162 |
| 10.0 ppb      | S10.0            | 30mL          | MP85163 |
| ICV           | ICV              | 30mL          | MP85164 |
| ICB           | ICB              | 30mL          | MP85165 |
| CCV           | CCV              | 30mL          | MP85166 |
| CCB           | CCB              | 30mL          | MP85167 |
| CRI           | CRI              | 30mL          | MP85168 |
| CHK STD       | CHK STD          | 30mL          | MP85169 |

## Extraction Conformance/Non-Conformance Comments:

| N/A            |                                         |                      |
|----------------|-----------------------------------------|----------------------|
| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
| 4/8/25 @ 17:10 | MS - 1155 Lab                           | MS - 1155 Lab        |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|----|---------|----------|
| PB167532BL    | PBS532           | 0.57               | 35             | NA | N/A     | 3-1      |
| PB167532BS    | LCS532           | 0.52               | 35             | NA | MP85157 | 2        |
| Q1742-01      | TR-06-040725     | 0.56               | 35             | NA | N/A     | 3        |
| Q1744-01      | B-158-SB01       | 0.57               | 35             | NA | N/A     | 4        |
| Q1744-03      | B-158-SB02       | 0.57               | 35             | NA | N/A     | 5        |
| Q1745-01      | IB-6A-WC         | 0.51               | 35             | NA | N/A     | 6        |
| Q1745-09      | IB-6.5-WC        | 0.50               | 35             | NA | N/A     | 7        |
| Q1746-01      | B-149-SB01       | 0.54               | 35             | NA | N/A     | 8        |
| Q1746-03      | B-149-SB02       | 0.58               | 35             | NA | N/A     | 9        |
| Q1747-01      | ARS20-0008       | 0.57               | 35             | NA | N/A     | 10       |
| Q1748-01      | IB-1.5-WC        | 0.52               | 35             | NA | N/A     | 11       |
| Q1748-05      | IB-2A-WC         | 0.52               | 35             | NA | N/A     | 12       |
| Q1749-01      | TP-14            | 0.55               | 35             | NA | N/A     | 13       |
| Q1752-01      | TP-1             | 0.55               | 35             | NA | N/A     | 14       |
| Q1752-03      | TP-2             | 0.56               | 35             | NA | N/A     | 15       |
| Q1752-05      | TP-3             | 0.59               | 35             | NA | N/A     | 16       |
| Q1752-07      | TP-4             | 0.50               | 35             | NA | N/A     | 17       |
| Q1753-01      | WC-1             | 0.53               | 35             | NA | N/A     | 18       |
| Q1753-05      | WC-2             | 0.53               | 35             | NA | N/A     | 19       |
| Q1753-05DUP   | WC-2DUP          | 0.55               | 35             | NA | N/A     | 20       |
| Q1753-05MS    | WC-2MS           | 0.52               | 35             | NA | MP85157 | 21       |
| Q1753-05MSD   | WC-2MSD          | 0.56               | 35             | NA | MP85157 | 22       |

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pipette 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: 04/10/2025 Time : 14:20 Temp : 95 °C

End Digest Date: 04/10/2025 Time : 16:20 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP85182             |
| CCV               | 30mL     | MP85184             |
| CRA               | 30mL     | MP85186             |
| Blank Spike       | 0.48mL   | MP85175             |
| Matrix Spike      | 0.48mL   | MP85175             |

| 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          | MP85176 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP85177 |
| 2.5 ppb       | S2.5             | 30mL          | MP85178 |
| 5.0 ppb       | S5.0             | 30mL          | MP85179 |
| 7.5 ppb       | S7.5             | 30mL          | MP85180 |
| 10.0 ppb      | S10.0            | 30mL          | MP85181 |
| ICV           | ICV              | 30mL          | MP85182 |
| ICB           | ICB              | 30mL          | MP85183 |
| CCV           | CCV              | 30mL          | MP85184 |
| CCB           | CCB              | 30mL          | MP85185 |
| CRI           | CRI              | 30mL          | MP85186 |
| CHK STD       | CHK STD          | 30mL          | MP85187 |

## Extraction Conformance/Non-Conformance Comments:

| N/A             |                                         |                      |
|-----------------|-----------------------------------------|----------------------|
| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location |
| 4/10/25 @ 17:10 | MS-1119-64                              | MS-metal lab         |
|                 | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID      | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|-----------------------|------------------|----------------|----|---------|----------|
| PB167569BL    | PBW569                | 30               | 30             | <2 | N/A     | 3-19     |
| PB167569BS    | LCS569                | 30               | 30             | <2 | MP85175 | 20       |
| Q1739-01      | WC-LIQUID-20250404    | 30               | 30             | <2 | N/A     | 21       |
| Q1746-05      | B-158-GW01            | 30               | 30             | <2 | N/A     | 22       |
| Q1746-05DUP   | B-158-GW01DUP         | 30               | 30             | <2 | N/A     | 23       |
| Q1746-05MS    | B-158-GW01MS          | 30               | 30             | <2 | MP85175 | 24       |
| Q1746-05MSD   | B-158-GW01MSD         | 30               | 30             | <2 | MP85175 | 25       |
| Q1746-06      | B-149-GW01            | 30               | 30             | <2 | N/A     | 26       |
| Q1746-07      | EB-2025-4-7           | 30               | 30             | <2 | N/A     | 27       |
| Q1774-02      | TT-073-IDWGW-20250409 | 30               | 30             | <2 | N/A     | 28       |
| Q1774-03      | TT-074-IDWGW-20250409 | 30               | 30             | <2 | N/A     | 29       |
| Q1774-04      | TT-075-IDWGW-20250409 | 30               | 30             | <2 | N/A     | 30       |