

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

|                    |                             |                       |       |
|--------------------|-----------------------------|-----------------------|-------|
| <b>Client:</b>     | Portal Partners Tri-Venture | <b>SDG No.:</b>       | P4578 |
| <b>Contract:</b>   | PORT06                      | <b>Lab Code:</b>      | CHEM  |
| <b>ICS Source:</b> | EPA                         | <b>Case No.:</b>      | P4578 |
|                    |                             | <b>SAS No.:</b>       | P4578 |
|                    |                             | <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 |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Aluminum  | 251000         | 255000             | 98            | 216000                 | 294000                  | 10/28/2024       | 13:16            | LB133175      |
|           | Antimony  | -1.00          |                    |               | -50                    | 50                      | 10/28/2024       | 13:16            | LB133175      |
|           | Arsenic   | 2.59           |                    |               | -20                    | 20                      | 10/28/2024       | 13:16            | LB133175      |
|           | Barium    | 2.22           | 6.0                | 37            | -94                    | 106                     | 10/28/2024       | 13:16            | LB133175      |
|           | Beryllium | 1.16           |                    |               | -6                     | 6                       | 10/28/2024       | 13:16            | LB133175      |
|           | Cadmium   | 6.97           | 1.0                | 697           | -5                     | 7                       | 10/28/2024       | 13:16            | LB133175      |
|           | Calcium   | 232000         | 245000             | 95            | 208000                 | 282000                  | 10/28/2024       | 13:16            | LB133175      |
|           | Chromium  | 56.5           | 52.0               | 109           | 42                     | 62                      | 10/28/2024       | 13:16            | LB133175      |
|           | Cobalt    | 2.29           |                    |               | -30                    | 30                      | 10/28/2024       | 13:16            | LB133175      |
|           | Copper    | -8.35          | 2.0                | 418           | -18                    | 22                      | 10/28/2024       | 13:16            | LB133175      |
|           | Iron      | 104000         | 101000             | 103           | 85600                  | 116500                  | 10/28/2024       | 13:16            | LB133175      |
|           | Lead      | 8.36           |                    |               | -12                    | 12                      | 10/28/2024       | 13:16            | LB133175      |
|           | Magnesium | 255000         | 255000             | 100           | 216000                 | 294000                  | 10/28/2024       | 13:16            | LB133175      |
|           | Manganese | 5.76           | 7.0                | 82            | -13                    | 27                      | 10/28/2024       | 13:16            | LB133175      |
|           | Nickel    | 3.07           | 2.0                | 154           | -38                    | 42                      | 10/28/2024       | 13:16            | LB133175      |
|           | Potassium | -7.85          |                    |               | 0                      | 0                       | 10/28/2024       | 13:16            | LB133175      |
|           | Selenium  | -9.09          |                    |               | -20                    | 20                      | 10/28/2024       | 13:16            | LB133175      |
|           | Silver    | 3.99           |                    |               | -10                    | 10                      | 10/28/2024       | 13:16            | LB133175      |
|           | Sodium    | -37.5          |                    |               | 0                      | 0                       | 10/28/2024       | 13:16            | LB133175      |
|           | Thallium  | 7.63           |                    |               | -40                    | 40                      | 10/28/2024       | 13:16            | LB133175      |
|           | Vanadium  | 6.67           |                    |               | -40                    | 40                      | 10/28/2024       | 13:16            | LB133175      |
|           | Zinc      | -2.07          |                    |               | -40                    | 40                      | 10/28/2024       | 13:16            | LB133175      |
| ICSAB01   | Aluminum  | 245000         | 247000             | 99            | 209000                 | 285000                  | 10/28/2024       | 13:21            | LB133175      |
|           | Antimony  | 620            | 618                | 100           | 525                    | 711                     | 10/28/2024       | 13:21            | LB133175      |
|           | Arsenic   | 107            | 104                | 103           | 88.4                   | 120                     | 10/28/2024       | 13:21            | LB133175      |
|           | Barium    | 472            | 537                | 88            | 437                    | 637                     | 10/28/2024       | 13:21            | LB133175      |
|           | Beryllium | 474            | 495                | 96            | 420                    | 570                     | 10/28/2024       | 13:21            | LB133175      |
|           | Cadmium   | 967            | 972                | 100           | 826                    | 1120                    | 10/28/2024       | 13:21            | LB133175      |
|           | Calcium   | 226000         | 235000             | 96            | 199000                 | 271000                  | 10/28/2024       | 13:21            | LB133175      |
|           | Chromium  | 556            | 542                | 103           | 460                    | 624                     | 10/28/2024       | 13:21            | LB133175      |
|           | Cobalt    | 513            | 476                | 108           | 404                    | 548                     | 10/28/2024       | 13:21            | LB133175      |
|           | Copper    | 491            | 511                | 96            | 434                    | 588                     | 10/28/2024       | 13:21            | LB133175      |
|           | Iron      | 103000         | 99300              | 104           | 84400                  | 114500                  | 10/28/2024       | 13:21            | LB133175      |
|           | Lead      | 55.7           | 49.0               | 114           | 37                     | 61                      | 10/28/2024       | 13:21            | LB133175      |
|           | Magnesium | 247000         | 248000             | 100           | 210000                 | 286000                  | 10/28/2024       | 13:21            | LB133175      |
|           | Manganese | 459            | 507                | 90            | 430                    | 584                     | 10/28/2024       | 13:21            | LB133175      |
|           | Nickel    | 1010           | 954                | 106           | 810                    | 1100                    | 10/28/2024       | 13:21            | LB133175      |
|           | Potassium | 45.1           |                    |               | 0                      | 0                       | 10/28/2024       | 13:21            | LB133175      |
|           | Selenium  | 39.8           | 46.0               | 86            | 26                     | 66                      | 10/28/2024       | 13:21            | LB133175      |
|           | Silver    | 212            | 201                | 106           | 170                    | 232                     | 10/28/2024       | 13:21            | LB133175      |
|           | Sodium    | 30.6           |                    |               | 0                      | 0                       | 10/28/2024       | 13:21            | LB133175      |
|           | Thallium  | 97.4           | 108                | 90            | 68                     | 148                     | 10/28/2024       | 13:21            | LB133175      |

**Metals**  
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**INTERFERENCE CHECK SAMPLE**

|                    |                             |                       |       |
|--------------------|-----------------------------|-----------------------|-------|
| <b>Client:</b>     | Portal Partners Tri-Venture | <b>SDG No.:</b>       | P4578 |
| <b>Contract:</b>   | PORT06                      | <b>Lab Code:</b>      | CHEM  |
| <b>ICS Source:</b> | EPA                         | <b>Case No.:</b>      | P4578 |
|                    |                             | <b>SAS No.:</b>       | P4578 |
|                    |                             | <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  | 463            | 491                | 94            | 417                    | 565                     | 10/28/2024       | 13:21            | LB133175      |
|           | Zinc      | 1060           | 952                | 111           | 809                    | 1095                    | 10/28/2024       | 13:21            | LB133175      |
| ICSA01    | Aluminum  | 240000         | 255000             | 94            | 216000                 | 294000                  | 10/29/2024       | 12:44            | LB133198      |
|           | Antimony  | -1.89          |                    |               | -50                    | 50                      | 10/29/2024       | 12:44            | LB133198      |
|           | Arsenic   | 1.13           |                    |               | -20                    | 20                      | 10/29/2024       | 12:44            | LB133198      |
|           | Barium    | 1.47           | 6.0                | 24            | -94                    | 106                     | 10/29/2024       | 12:44            | LB133198      |
|           | Beryllium | 1.17           |                    |               | -6                     | 6                       | 10/29/2024       | 12:44            | LB133198      |
|           | Cadmium   | 6.66           | 1.0                | 666           | -5                     | 7                       | 10/29/2024       | 12:44            | LB133198      |
|           | Calcium   | 224000         | 245000             | 91            | 208000                 | 282000                  | 10/29/2024       | 12:44            | LB133198      |
|           | Chromium  | 57.6           | 52.0               | 111           | 42                     | 62                      | 10/29/2024       | 12:44            | LB133198      |
|           | Cobalt    | 2.06           |                    |               | -30                    | 30                      | 10/29/2024       | 12:44            | LB133198      |
|           | Copper    | -5.53          | 2.0                | 276           | -18                    | 22                      | 10/29/2024       | 12:44            | LB133198      |
|           | Iron      | 102000         | 101000             | 101           | 85600                  | 116500                  | 10/29/2024       | 12:44            | LB133198      |
|           | Lead      | 7.65           |                    |               | -12                    | 12                      | 10/29/2024       | 12:44            | LB133198      |
|           | Magnesium | 245000         | 255000             | 96            | 216000                 | 294000                  | 10/29/2024       | 12:44            | LB133198      |
|           | Manganese | 5.46           | 7.0                | 78            | -13                    | 27                      | 10/29/2024       | 12:44            | LB133198      |
|           | Nickel    | 2.53           | 2.0                | 126           | -38                    | 42                      | 10/29/2024       | 12:44            | LB133198      |
|           | Potassium | -70.7          |                    |               | 0                      | 0                       | 10/29/2024       | 12:44            | LB133198      |
|           | Selenium  | -10.9          |                    |               | -20                    | 20                      | 10/29/2024       | 12:44            | LB133198      |
|           | Silver    | 3.62           |                    |               | -10                    | 10                      | 10/29/2024       | 12:44            | LB133198      |
|           | Sodium    | -37.1          |                    |               | 0                      | 0                       | 10/29/2024       | 12:44            | LB133198      |
|           | Thallium  | 5.74           |                    |               | -40                    | 40                      | 10/29/2024       | 12:44            | LB133198      |
|           | Vanadium  | 4.51           |                    |               | -40                    | 40                      | 10/29/2024       | 12:44            | LB133198      |
|           | Zinc      | -0.39          |                    |               | -40                    | 40                      | 10/29/2024       | 12:44            | LB133198      |
| ICSAB01   | Aluminum  | 240000         | 247000             | 97            | 209000                 | 285000                  | 10/29/2024       | 12:48            | LB133198      |
|           | Antimony  | 618            | 618                | 100           | 525                    | 711                     | 10/29/2024       | 12:48            | LB133198      |
|           | Arsenic   | 108            | 104                | 104           | 88.4                   | 120                     | 10/29/2024       | 12:48            | LB133198      |
|           | Barium    | 470            | 537                | 88            | 437                    | 637                     | 10/29/2024       | 12:48            | LB133198      |
|           | Beryllium | 469            | 495                | 95            | 420                    | 570                     | 10/29/2024       | 12:48            | LB133198      |
|           | Cadmium   | 970            | 972                | 100           | 826                    | 1120                    | 10/29/2024       | 12:48            | LB133198      |
|           | Calcium   | 224000         | 235000             | 95            | 199000                 | 271000                  | 10/29/2024       | 12:48            | LB133198      |
|           | Chromium  | 573            | 542                | 106           | 460                    | 624                     | 10/29/2024       | 12:48            | LB133198      |
|           | Cobalt    | 516            | 476                | 108           | 404                    | 548                     | 10/29/2024       | 12:48            | LB133198      |
|           | Copper    | 496            | 511                | 97            | 434                    | 588                     | 10/29/2024       | 12:48            | LB133198      |
|           | Iron      | 100000         | 99300              | 101           | 84400                  | 114500                  | 10/29/2024       | 12:48            | LB133198      |
|           | Lead      | 54.7           | 49.0               | 112           | 37                     | 61                      | 10/29/2024       | 12:48            | LB133198      |
|           | Magnesium | 244000         | 248000             | 98            | 210000                 | 286000                  | 10/29/2024       | 12:48            | LB133198      |
|           | Manganese | 459            | 507                | 90            | 430                    | 584                     | 10/29/2024       | 12:48            | LB133198      |
|           | Nickel    | 1020           | 954                | 107           | 810                    | 1100                    | 10/29/2024       | 12:48            | LB133198      |
|           | Potassium | -63.3          |                    |               | 0                      | 0                       | 10/29/2024       | 12:48            | LB133198      |
|           | Selenium  | 38.3           | 46.0               | 83            | 26                     | 66                      | 10/29/2024       | 12:48            | LB133198      |
|           | Silver    | 207            | 201                | 103           | 170                    | 232                     | 10/29/2024       | 12:48            | LB133198      |

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**INTERFERENCE CHECK SAMPLE**

**Client:** Portal Partners Tri-Venture **SDG No.:** P4578  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578  
**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 |
|----------------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSAB01</b> | Sodium    | -27.2          |                    |               | 0                      | 0                       | 10/29/2024       | 12:48            | LB133198      |
|                | Thallium  | 98.7           | 108                | 91            | 68                     | 148                     | 10/29/2024       | 12:48            | LB133198      |
|                | Vanadium  | 459            | 491                | 94            | 417                    | 565                     | 10/29/2024       | 12:48            | LB133198      |
|                | Zinc      | 1090           | 952                | 114           | 809                    | 1095                    | 10/29/2024       | 12:48            | LB133198      |
| <b>ICSA01</b>  | Aluminum  | 264000         | 255000             | 104           | 216000                 | 294000                  | 11/08/2024       | 14:24            | LB133365      |
|                | Antimony  | -1.65          |                    |               | -50                    | 50                      | 11/08/2024       | 14:24            | LB133365      |
|                | Arsenic   | 5.52           |                    |               | -20                    | 20                      | 11/08/2024       | 14:24            | LB133365      |
|                | Barium    | 1.84           | 6.0                | 31            | -94                    | 106                     | 11/08/2024       | 14:24            | LB133365      |
|                | Beryllium | 1.29           |                    |               | -6                     | 6                       | 11/08/2024       | 14:24            | LB133365      |
|                | Cadmium   | 6.11           | 1.0                | 611           | -5                     | 7                       | 11/08/2024       | 14:24            | LB133365      |
|                | Calcium   | 243000         | 245000             | 99            | 208000                 | 282000                  | 11/08/2024       | 14:24            | LB133365      |
|                | Chromium  | 54.3           | 52.0               | 104           | 42                     | 62                      | 11/08/2024       | 14:24            | LB133365      |
|                | Cobalt    | 2.11           |                    |               | -30                    | 30                      | 11/08/2024       | 14:24            | LB133365      |
|                | Copper    | 14.3           | 2.0                | 715           | -18                    | 22                      | 11/08/2024       | 14:24            | LB133365      |
|                | Iron      | 98600          | 101000             | 98            | 85600                  | 116500                  | 11/08/2024       | 14:24            | LB133365      |
|                | Lead      | 9.97           |                    |               | -12                    | 12                      | 11/08/2024       | 14:24            | LB133365      |
|                | Magnesium | 267000         | 255000             | 105           | 216000                 | 294000                  | 11/08/2024       | 14:24            | LB133365      |
|                | Manganese | 3.65           | 7.0                | 52            | -13                    | 27                      | 11/08/2024       | 14:24            | LB133365      |
|                | Nickel    | 2.63           | 2.0                | 132           | -38                    | 42                      | 11/08/2024       | 14:24            | LB133365      |
|                | Potassium | 17.8           |                    |               | 0                      | 0                       | 11/08/2024       | 14:24            | LB133365      |
|                | Selenium  | -14.4          |                    |               | -20                    | 20                      | 11/08/2024       | 14:24            | LB133365      |
|                | Silver    | -0.087         |                    |               | -10                    | 10                      | 11/08/2024       | 14:24            | LB133365      |
|                | Sodium    | 15.0           |                    |               | 0                      | 0                       | 11/08/2024       | 14:24            | LB133365      |
|                | Thallium  | -0.89          |                    |               | -40                    | 40                      | 11/08/2024       | 14:24            | LB133365      |
|                | Vanadium  | 8.97           |                    |               | -40                    | 40                      | 11/08/2024       | 14:24            | LB133365      |
|                | Zinc      | 7.04           |                    |               | -40                    | 40                      | 11/08/2024       | 14:24            | LB133365      |
| <b>ICSAB01</b> | Aluminum  | 260000         | 247000             | 105           | 209000                 | 285000                  | 11/08/2024       | 14:30            | LB133365      |
|                | Antimony  | 622            | 618                | 101           | 525                    | 711                     | 11/08/2024       | 14:30            | LB133365      |
|                | Arsenic   | 115            | 104                | 111           | 88.4                   | 120                     | 11/08/2024       | 14:30            | LB133365      |
|                | Barium    | 496            | 537                | 92            | 437                    | 637                     | 11/08/2024       | 14:30            | LB133365      |
|                | Beryllium | 493            | 495                | 100           | 420                    | 570                     | 11/08/2024       | 14:30            | LB133365      |
|                | Cadmium   | 979            | 972                | 101           | 826                    | 1120                    | 11/08/2024       | 14:30            | LB133365      |
|                | Calcium   | 237000         | 235000             | 101           | 199000                 | 271000                  | 11/08/2024       | 14:30            | LB133365      |
|                | Chromium  | 521            | 542                | 96            | 460                    | 624                     | 11/08/2024       | 14:30            | LB133365      |
|                | Cobalt    | 498            | 476                | 105           | 404                    | 548                     | 11/08/2024       | 14:30            | LB133365      |
|                | Copper    | 499            | 511                | 98            | 434                    | 588                     | 11/08/2024       | 14:30            | LB133365      |
|                | Iron      | 95700          | 99300              | 96            | 84400                  | 114500                  | 11/08/2024       | 14:30            | LB133365      |
|                | Lead      | 57.3           | 49.0               | 117           | 37                     | 61                      | 11/08/2024       | 14:30            | LB133365      |
|                | Magnesium | 260000         | 248000             | 105           | 210000                 | 286000                  | 11/08/2024       | 14:30            | LB133365      |
|                | Manganese | 480            | 507                | 95            | 430                    | 584                     | 11/08/2024       | 14:30            | LB133365      |
|                | Nickel    | 981            | 954                | 103           | 810                    | 1100                    | 11/08/2024       | 14:30            | LB133365      |
|                | Potassium | -6.03          |                    |               | 0                      | 0                       | 11/08/2024       | 14:30            | LB133365      |

**Metals**

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**INTERFERENCE CHECK SAMPLE**

**Client:** Portal Partners Tri-Venture **SDG No.:** P4578  
**Contract:** PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578  
**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   | Selenium | 31.2           | 46.0               | 68            | 26                     | 66                      | 11/08/2024       | 14:30            | LB133365      |
|           | Silver   | 198            | 201                | 98            | 170                    | 232                     | 11/08/2024       | 14:30            | LB133365      |
|           | Sodium   | -36.6          |                    |               | 0                      | 0                       | 11/08/2024       | 14:30            | LB133365      |
|           | Thallium | 90.2           | 108                | 84            | 68                     | 148                     | 11/08/2024       | 14:30            | LB133365      |
|           | Vanadium | 495            | 491                | 101           | 417                    | 565                     | 11/08/2024       | 14:30            | LB133365      |
|           | Zinc     | 1090           | 952                | 114           | 809                    | 1095                    | 11/08/2024       | 14:30            | LB133365      |