

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

|                    |                               |                       |              |
|--------------------|-------------------------------|-----------------------|--------------|
| <b>Client:</b>     | <u>Earth Engineering Inc.</u> | <b>SDG No.:</b>       | <u>Q2392</u> |
| <b>Contract:</b>   | <u>EARTH03</u>                | <b>Lab Code:</b>      | <u>CHEM</u>  |
| <b>ICS Source:</b> | <u>EPA</u>                    | <b>Case No.:</b>      | <u>Q2392</u> |
|                    |                               | <b>SAS No.:</b>       | <u>Q2392</u> |
|                    |                               | <b>Instrument ID:</b> | <u>P5</u>    |

| 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  | 261000         | 250000             | 104           | 216000                 | 294000                  | 06/25/2025       | 15:29            | LB136273      |
|           | Antimony  | 23.7           |                    |               | -50                    | 50                      | 06/25/2025       | 15:29            | LB136273      |
|           | Arsenic   | -0.86          |                    |               | -20                    | 20                      | 06/25/2025       | 15:29            | LB136273      |
|           | Barium    | 5.64           | 6.0                | 94            | -94                    | 106                     | 06/25/2025       | 15:29            | LB136273      |
|           | Beryllium | 1.13           |                    |               | -6                     | 6                       | 06/25/2025       | 15:29            | LB136273      |
|           | Cadmium   | -2.31          | 1.0                | 231           | -5                     | 7                       | 06/25/2025       | 15:29            | LB136273      |
|           | Calcium   | 248000         | 240000             | 103           | 208000                 | 282000                  | 06/25/2025       | 15:29            | LB136273      |
|           | Chromium  | 52.4           | 52.0               | 101           | 42                     | 62                      | 06/25/2025       | 15:29            | LB136273      |
|           | Cobalt    | 22.6           |                    |               | -30                    | 30                      | 06/25/2025       | 15:29            | LB136273      |
|           | Copper    | -9.16          | 2.0                | 458           | -18                    | 22                      | 06/25/2025       | 15:29            | LB136273      |
|           | Iron      | 104000         | 100000             | 104           | 85600                  | 116500                  | 06/25/2025       | 15:29            | LB136273      |
|           | Lead      | 0.032          |                    |               | -12                    | 12                      | 06/25/2025       | 15:29            | LB136273      |
|           | Magnesium | 259000         | 260000             | 100           | 216000                 | 294000                  | 06/25/2025       | 15:29            | LB136273      |
|           | Manganese | 7.58           | 7.0                | 108           | -13                    | 27                      | 06/25/2025       | 15:29            | LB136273      |
|           | Nickel    | 4.65           | 2.0                | 232           | -38                    | 42                      | 06/25/2025       | 15:29            | LB136273      |
|           | Potassium | 6.15           |                    |               | 0                      | 0                       | 06/25/2025       | 15:29            | LB136273      |
|           | Selenium  | 1.93           |                    |               | -20                    | 20                      | 06/25/2025       | 15:29            | LB136273      |
|           | Silver    | -7.28          |                    |               | -10                    | 10                      | 06/25/2025       | 15:29            | LB136273      |
|           | Sodium    | 207            |                    |               | 0                      | 0                       | 06/25/2025       | 15:29            | LB136273      |
|           | Thallium  | 3.18           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
|           | Vanadium  | 3.48           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
|           | Zinc      | 12.9           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
| ICSAB01   | Aluminum  | 249000         | 250000             | 100           | 209000                 | 285000                  | 06/25/2025       | 15:51            | LB136273      |
|           | Antimony  | 617            | 620                | 100           | 525                    | 711                     | 06/25/2025       | 15:51            | LB136273      |
|           | Arsenic   | 92.4           | 100                | 92            | 88.4                   | 120                     | 06/25/2025       | 15:51            | LB136273      |
|           | Barium    | 501            | 540                | 93            | 437                    | 637                     | 06/25/2025       | 15:51            | LB136273      |
|           | Beryllium | 523            | 500                | 105           | 420                    | 570                     | 06/25/2025       | 15:51            | LB136273      |
|           | Cadmium   | 985            | 970                | 102           | 826                    | 1120                    | 06/25/2025       | 15:51            | LB136273      |
|           | Calcium   | 239000         | 230000             | 104           | 199000                 | 271000                  | 06/25/2025       | 15:51            | LB136273      |
|           | Chromium  | 555            | 540                | 103           | 460                    | 624                     | 06/25/2025       | 15:51            | LB136273      |
|           | Cobalt    | 507            | 480                | 106           | 404                    | 548                     | 06/25/2025       | 15:51            | LB136273      |
|           | Copper    | 483            | 510                | 95            | 434                    | 588                     | 06/25/2025       | 15:51            | LB136273      |
|           | Iron      | 101000         | 99000              | 102           | 84400                  | 114500                  | 06/25/2025       | 15:51            | LB136273      |
|           | Lead      | 49.4           | 49.0               | 101           | 37                     | 61                      | 06/25/2025       | 15:51            | LB136273      |
|           | Magnesium | 249000         | 250000             | 100           | 210000                 | 286000                  | 06/25/2025       | 15:51            | LB136273      |
|           | Manganese | 498            | 510                | 98            | 430                    | 584                     | 06/25/2025       | 15:51            | LB136273      |
|           | Nickel    | 968            | 950                | 102           | 810                    | 1100                    | 06/25/2025       | 15:51            | LB136273      |
|           | Potassium | 4.79           |                    |               | 0                      | 0                       | 06/25/2025       | 15:51            | LB136273      |
|           | Selenium  | 48.1           | 46.0               | 105           | 26                     | 66                      | 06/25/2025       | 15:51            | LB136273      |
|           | Silver    | 206            | 200                | 103           | 170                    | 232                     | 06/25/2025       | 15:51            | LB136273      |
|           | Sodium    | 209            |                    |               | 0                      | 0                       | 06/25/2025       | 15:51            | LB136273      |
|           | Thallium  | 96.1           | 110                | 87            | 68                     | 148                     | 06/25/2025       | 15:51            | LB136273      |

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

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**ICS Source:** EPA **Instrument ID:** P5

| 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  | 488            | 490                | 100           | 417                    | 565                     | 06/25/2025       | 15:51            | LB136273      |
|           | Zinc      | 1020           | 950                | 107           | 809                    | 1095                    | 06/25/2025       | 15:51            | LB136273      |
| ICSA01    | Aluminum  | 240000         | 250000             | 96            | 216000                 | 294000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Antimony  | 21.2           |                    |               | -50                    | 50                      | 06/27/2025       | 13:04            | LB136319      |
|           | Arsenic   | 1.80           |                    |               | -20                    | 20                      | 06/27/2025       | 13:04            | LB136319      |
|           | Barium    | 5.72           | 6.0                | 95            | -94                    | 106                     | 06/27/2025       | 13:04            | LB136319      |
|           | Beryllium | 1.16           |                    |               | -6                     | 6                       | 06/27/2025       | 13:04            | LB136319      |
|           | Cadmium   | -1.37          | 1.0                | 137           | -5                     | 7                       | 06/27/2025       | 13:04            | LB136319      |
|           | Calcium   | 237000         | 240000             | 99            | 208000                 | 282000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Chromium  | 49.2           | 52.0               | 95            | 42                     | 62                      | 06/27/2025       | 13:04            | LB136319      |
|           | Cobalt    | 29.0           |                    |               | -30                    | 30                      | 06/27/2025       | 13:04            | LB136319      |
|           | Copper    | -5.04          | 2.0                | 252           | -18                    | 22                      | 06/27/2025       | 13:04            | LB136319      |
|           | Iron      | 101000         | 100000             | 101           | 85600                  | 116500                  | 06/27/2025       | 13:04            | LB136319      |
|           | Lead      | -0.17          |                    |               | -12                    | 12                      | 06/27/2025       | 13:04            | LB136319      |
|           | Magnesium | 257000         | 260000             | 99            | 216000                 | 294000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Manganese | 5.41           | 7.0                | 77            | -13                    | 27                      | 06/27/2025       | 13:04            | LB136319      |
|           | Nickel    | 6.13           | 2.0                | 306           | -38                    | 42                      | 06/27/2025       | 13:04            | LB136319      |
|           | Potassium | 10.4           |                    |               | 0                      | 0                       | 06/27/2025       | 13:04            | LB136319      |
|           | Selenium  | 4.19           |                    |               | -20                    | 20                      | 06/27/2025       | 13:04            | LB136319      |
|           | Silver    | 4.58           |                    |               | -10                    | 10                      | 06/27/2025       | 13:04            | LB136319      |
|           | Sodium    | 137            |                    |               | 0                      | 0                       | 06/27/2025       | 13:04            | LB136319      |
|           | Thallium  | 17.3           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
|           | Vanadium  | 5.71           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
|           | Zinc      | 3.40           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
| ICSAB01   | Aluminum  | 236000         | 250000             | 94            | 209000                 | 285000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Antimony  | 633            | 620                | 102           | 525                    | 711                     | 06/27/2025       | 13:09            | LB136319      |
|           | Arsenic   | 100            | 100                | 100           | 88.4                   | 120                     | 06/27/2025       | 13:09            | LB136319      |
|           | Barium    | 518            | 540                | 96            | 437                    | 637                     | 06/27/2025       | 13:09            | LB136319      |
|           | Beryllium | 504            | 500                | 101           | 420                    | 570                     | 06/27/2025       | 13:09            | LB136319      |
|           | Cadmium   | 994            | 970                | 102           | 826                    | 1120                    | 06/27/2025       | 13:09            | LB136319      |
|           | Calcium   | 233000         | 230000             | 101           | 199000                 | 271000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Chromium  | 521            | 540                | 96            | 460                    | 624                     | 06/27/2025       | 13:09            | LB136319      |
|           | Cobalt    | 519            | 480                | 108           | 404                    | 548                     | 06/27/2025       | 13:09            | LB136319      |
|           | Copper    | 479            | 510                | 94            | 434                    | 588                     | 06/27/2025       | 13:09            | LB136319      |
|           | Iron      | 99300          | 99000              | 100           | 84400                  | 114500                  | 06/27/2025       | 13:09            | LB136319      |
|           | Lead      | 47.5           | 49.0               | 97            | 37                     | 61                      | 06/27/2025       | 13:09            | LB136319      |
|           | Magnesium | 252000         | 250000             | 101           | 210000                 | 286000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Manganese | 502            | 510                | 98            | 430                    | 584                     | 06/27/2025       | 13:09            | LB136319      |
|           | Nickel    | 975            | 950                | 103           | 810                    | 1100                    | 06/27/2025       | 13:09            | LB136319      |
|           | Potassium | 6.48           |                    |               | 0                      | 0                       | 06/27/2025       | 13:09            | LB136319      |
|           | Selenium  | 55.8           | 46.0               | 121           | 26                     | 66                      | 06/27/2025       | 13:09            | LB136319      |
|           | Silver    | 195            | 200                | 98            | 170                    | 232                     | 06/27/2025       | 13:09            | LB136319      |

**Metals**

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**INTERFERENCE CHECK SAMPLE**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**ICS Source:** EPA **Instrument ID:** P5

| 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   | 135            |                    |               | 0                      | 0                       | 06/27/2025       | 13:09            | LB136319      |
|           | Thallium | 102            | 110                | 93            | 68                     | 148                     | 06/27/2025       | 13:09            | LB136319      |
|           | Vanadium | 487            | 490                | 99            | 417                    | 565                     | 06/27/2025       | 13:09            | LB136319      |
|           | Zinc     | 1030           | 950                | 108           | 809                    | 1095                    | 06/27/2025       | 13:09            | LB136319      |