

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

**Client:** Kleinfelder **SDG No.:** Q1903  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1903 **SAS No.:** Q1903  
**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>ICSA01</b>  | Aluminum   | 238000         | 255000             | 93            | 216000                 | 294000                  | 04/30/2025       | 16:46            | LB135614      |
|                | Antimony   | -3.45          |                    |               | -50                    | 50                      | 04/30/2025       | 16:46            | LB135614      |
|                | Arsenic    | 5.92           |                    |               | -20                    | 20                      | 04/30/2025       | 16:46            | LB135614      |
|                | Barium     | 2.05           | 6.0                | 34            | -94                    | 106                     | 04/30/2025       | 16:46            | LB135614      |
|                | Beryllium  | 0.57           |                    |               | -6                     | 6                       | 04/30/2025       | 16:46            | LB135614      |
|                | Boron      | 31.4           | 1000               | 3             | -100                   | 100                     | 04/30/2025       | 16:46            | LB135614      |
|                | Cadmium    | -2.34          | 1.0                | 234           | -5                     | 7                       | 04/30/2025       | 16:46            | LB135614      |
|                | Chromium   | 56.4           | 52.0               | 108           | 42                     | 62                      | 04/30/2025       | 16:46            | LB135614      |
|                | Cobalt     | 0.78           |                    |               | -30                    | 30                      | 04/30/2025       | 16:46            | LB135614      |
|                | Copper     | 1.85           | 2.0                | 92            | -18                    | 22                      | 04/30/2025       | 16:46            | LB135614      |
|                | Iron       | 102000         | 101000             | 101           | 85600                  | 116500                  | 04/30/2025       | 16:46            | LB135614      |
|                | Lead       | -0.96          |                    |               | -12                    | 12                      | 04/30/2025       | 16:46            | LB135614      |
|                | Manganese  | 1.20           | 7.0                | 17            | -13                    | 27                      | 04/30/2025       | 16:46            | LB135614      |
|                | Molybdenum | -0.055         | 1000               |               | -200                   | 200                     | 04/30/2025       | 16:46            | LB135614      |
|                | Nickel     | 1.86           | 2.0                | 93            | -38                    | 42                      | 04/30/2025       | 16:46            | LB135614      |
|                | Selenium   | -1.87          |                    |               | -20                    | 20                      | 04/30/2025       | 16:46            | LB135614      |
|                | Silver     | 1.91           |                    |               | -10                    | 10                      | 04/30/2025       | 16:46            | LB135614      |
|                | Thallium   | 11.1           |                    |               | -40                    | 40                      | 04/30/2025       | 16:46            | LB135614      |
|                | Vanadium   | 1.35           |                    |               | -40                    | 40                      | 04/30/2025       | 16:46            | LB135614      |
|                | Zinc       | 3.18           |                    |               | -40                    | 40                      | 04/30/2025       | 16:46            | LB135614      |
| <b>ICSAB01</b> | Aluminum   | 234000         | 247000             | 95            | 209000                 | 285000                  | 04/30/2025       | 17:04            | LB135614      |
|                | Antimony   | 633            | 618                | 102           | 525                    | 711                     | 04/30/2025       | 17:04            | LB135614      |
|                | Arsenic    | 117            | 104                | 112           | 88.4                   | 120                     | 04/30/2025       | 17:04            | LB135614      |
|                | Barium     | 496            | 537                | 92            | 437                    | 637                     | 04/30/2025       | 17:04            | LB135614      |
|                | Beryllium  | 514            | 495                | 104           | 420                    | 570                     | 04/30/2025       | 17:04            | LB135614      |
|                | Boron      | 869            | 1000               | 87            | 850                    | 1150                    | 04/30/2025       | 17:04            | LB135614      |
|                | Cadmium    | 1090           | 972                | 112           | 826                    | 1120                    | 04/30/2025       | 17:04            | LB135614      |
|                | Chromium   | 600            | 542                | 111           | 460                    | 624                     | 04/30/2025       | 17:04            | LB135614      |
|                | Cobalt     | 531            | 476                | 112           | 404                    | 548                     | 04/30/2025       | 17:04            | LB135614      |
|                | Copper     | 502            | 511                | 98            | 434                    | 588                     | 04/30/2025       | 17:04            | LB135614      |
|                | Iron       | 97700          | 99300              | 98            | 84400                  | 114500                  | 04/30/2025       | 17:04            | LB135614      |
|                | Lead       | 50.9           | 49.0               | 104           | 37                     | 61                      | 04/30/2025       | 17:04            | LB135614      |
|                | Manganese  | 496            | 507                | 98            | 430                    | 584                     | 04/30/2025       | 17:04            | LB135614      |
|                | Molybdenum | 999            | 1000               | 100           | 850                    | 1150                    | 04/30/2025       | 17:04            | LB135614      |
|                | Nickel     | 1050           | 954                | 110           | 810                    | 1100                    | 04/30/2025       | 17:04            | LB135614      |
|                | Selenium   | 50.9           | 46.0               | 111           | 26                     | 66                      | 04/30/2025       | 17:04            | LB135614      |
|                | Silver     | 205            | 201                | 102           | 170                    | 232                     | 04/30/2025       | 17:04            | LB135614      |
|                | Thallium   | 118            | 108                | 109           | 68                     | 148                     | 04/30/2025       | 17:04            | LB135614      |
|                | Vanadium   | 489            | 491                | 100           | 417                    | 565                     | 04/30/2025       | 17:04            | LB135614      |
|                | Zinc       | 1090           | 952                | 114           | 809                    | 1095                    | 04/30/2025       | 17:04            | LB135614      |
| <b>ICSA01</b>  | Aluminum   | 237000         | 255000             | 93            | 216000                 | 294000                  | 05/06/2025       | 15:50            | LB135689      |
|                | Antimony   | -1.78          |                    |               | -50                    | 50                      | 05/06/2025       | 15:50            | LB135689      |

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

|                    |                    |                       |              |
|--------------------|--------------------|-----------------------|--------------|
| <b>Client:</b>     | <u>Kleinfelder</u> | <b>SDG No.:</b>       | <u>Q1903</u> |
| <b>Contract:</b>   | <u>POWE02</u>      | <b>Lab Code:</b>      | <u>CHEM</u>  |
| <b>ICS Source:</b> | <u>EPA</u>         | <b>Case No.:</b>      | <u>Q1903</u> |
|                    |                    | <b>SAS No.:</b>       | <u>Q1903</u> |
|                    |                    | <b>Instrument ID:</b> | <u>P4</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    | Arsenic    | 4.12           |                    |               | -20                    | 20                      | 05/06/2025       | 15:50            | LB135689      |
|           | Barium     | 2.93           | 6.0                | 49            | -94                    | 106                     | 05/06/2025       | 15:50            | LB135689      |
|           | Beryllium  | 1.32           |                    |               | -6                     | 6                       | 05/06/2025       | 15:50            | LB135689      |
|           | Boron      | 10.3           | 1000               | 1             | -100                   | 100                     | 05/06/2025       | 15:50            | LB135689      |
|           | Cadmium    | -2.60          | 1.0                | 260           | -5                     | 7                       | 05/06/2025       | 15:50            | LB135689      |
|           | Chromium   | 52.9           | 52.0               | 102           | 42                     | 62                      | 05/06/2025       | 15:50            | LB135689      |
|           | Cobalt     | 0.63           |                    |               | -30                    | 30                      | 05/06/2025       | 15:50            | LB135689      |
|           | Copper     | -0.0080        | 2.0                |               | -18                    | 22                      | 05/06/2025       | 15:50            | LB135689      |
|           | Iron       | 91100          | 101000             | 90            | 85600                  | 116500                  | 05/06/2025       | 15:50            | LB135689      |
|           | Lead       | 0.71           |                    |               | -12                    | 12                      | 05/06/2025       | 15:50            | LB135689      |
|           | Manganese  | 1.70           | 7.0                | 24            | -13                    | 27                      | 05/06/2025       | 15:50            | LB135689      |
|           | Molybdenum | 0.11           | 1000               |               | -200                   | 200                     | 05/06/2025       | 15:50            | LB135689      |
|           | Nickel     | 1.98           | 2.0                | 99            | -38                    | 42                      | 05/06/2025       | 15:50            | LB135689      |
|           | Selenium   | -10.5          |                    |               | -20                    | 20                      | 05/06/2025       | 15:50            | LB135689      |
|           | Silver     | 0.23           |                    |               | -10                    | 10                      | 05/06/2025       | 15:50            | LB135689      |
|           | Thallium   | 4.79           |                    |               | -40                    | 40                      | 05/06/2025       | 15:50            | LB135689      |
|           | Vanadium   | 1.20           |                    |               | -40                    | 40                      | 05/06/2025       | 15:50            | LB135689      |
|           | Zinc       | 3.59           |                    |               | -40                    | 40                      | 05/06/2025       | 15:50            | LB135689      |
| ICSAB01   | Aluminum   | 230000         | 247000             | 93            | 209000                 | 285000                  | 05/06/2025       | 15:55            | LB135689      |
|           | Antimony   | 641            | 618                | 104           | 525                    | 711                     | 05/06/2025       | 15:55            | LB135689      |
|           | Arsenic    | 114            | 104                | 110           | 88.4                   | 120                     | 05/06/2025       | 15:55            | LB135689      |
|           | Barium     | 512            | 537                | 95            | 437                    | 637                     | 05/06/2025       | 15:55            | LB135689      |
|           | Beryllium  | 505            | 495                | 102           | 420                    | 570                     | 05/06/2025       | 15:55            | LB135689      |
|           | Boron      | 859            | 1000               | 86            | 850                    | 1150                    | 05/06/2025       | 15:55            | LB135689      |
|           | Cadmium    | 1060           | 972                | 109           | 826                    | 1120                    | 05/06/2025       | 15:55            | LB135689      |
|           | Chromium   | 576            | 542                | 106           | 460                    | 624                     | 05/06/2025       | 15:55            | LB135689      |
|           | Cobalt     | 523            | 476                | 110           | 404                    | 548                     | 05/06/2025       | 15:55            | LB135689      |
|           | Copper     | 516            | 511                | 101           | 434                    | 588                     | 05/06/2025       | 15:55            | LB135689      |
|           | Iron       | 94200          | 99300              | 95            | 84400                  | 114500                  | 05/06/2025       | 15:55            | LB135689      |
|           | Lead       | 48.7           | 49.0               | 99            | 37                     | 61                      | 05/06/2025       | 15:55            | LB135689      |
|           | Manganese  | 507            | 507                | 100           | 430                    | 584                     | 05/06/2025       | 15:55            | LB135689      |
|           | Molybdenum | 946            | 1000               | 95            | 850                    | 1150                    | 05/06/2025       | 15:55            | LB135689      |
|           | Nickel     | 1040           | 954                | 109           | 810                    | 1100                    | 05/06/2025       | 15:55            | LB135689      |
|           | Selenium   | 41.3           | 46.0               | 90            | 26                     | 66                      | 05/06/2025       | 15:55            | LB135689      |
|           | Silver     | 195            | 201                | 97            | 170                    | 232                     | 05/06/2025       | 15:55            | LB135689      |
|           | Thallium   | 112            | 108                | 104           | 68                     | 148                     | 05/06/2025       | 15:55            | LB135689      |
|           | Vanadium   | 498            | 491                | 101           | 417                    | 565                     | 05/06/2025       | 15:55            | LB135689      |
|           | Zinc       | 1070           | 952                | 112           | 809                    | 1095                    | 05/06/2025       | 15:55            | LB135689      |