

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

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Client:</b> <u>HDR, Inc.</u> | <b>SDG No.:</b> <u>Q3466</u>    |
| <b>Contract:</b> <u>HDRI08</u>  | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</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 |
|----------------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Aluminum  | 238000         | 255000             | 93            | 216000                 | 294000                  | 10/29/2025       | 14:21            | LB137697      |
|                | Antimony  | -3.02          |                    |               | -50                    | 50                      | 10/29/2025       | 14:21            | LB137697      |
|                | Arsenic   | 4.77           |                    |               | -20                    | 20                      | 10/29/2025       | 14:21            | LB137697      |
|                | Barium    | 5.72           | 6.0                | 95            | -94                    | 106                     | 10/29/2025       | 14:21            | LB137697      |
|                | Beryllium | 1.70           |                    |               | -6                     | 6                       | 10/29/2025       | 14:21            | LB137697      |
|                | Cadmium   | 0.66           | 1.0                | 66            | -5                     | 7                       | 10/29/2025       | 14:21            | LB137697      |
|                | Calcium   | 231000         | 245000             | 94            | 208000                 | 282000                  | 10/29/2025       | 14:21            | LB137697      |
|                | Chromium  | 48.9           | 52.0               | 94            | 42                     | 62                      | 10/29/2025       | 14:21            | LB137697      |
|                | Cobalt    | 1.62           |                    |               | -30                    | 30                      | 10/29/2025       | 14:21            | LB137697      |
|                | Copper    | 14.1           | 2.0                | 705           | -18                    | 22                      | 10/29/2025       | 14:21            | LB137697      |
|                | Iron      | 95000          | 101000             | 94            | 85600                  | 116500                  | 10/29/2025       | 14:21            | LB137697      |
|                | Lead      | 0.038          |                    |               | -12                    | 12                      | 10/29/2025       | 14:21            | LB137697      |
|                | Magnesium | 246000         | 255000             | 96            | 216000                 | 294000                  | 10/29/2025       | 14:21            | LB137697      |
|                | Manganese | 7.78           | 7.0                | 111           | -13                    | 27                      | 10/29/2025       | 14:21            | LB137697      |
|                | Nickel    | 4.85           | 2.0                | 242           | -38                    | 42                      | 10/29/2025       | 14:21            | LB137697      |
|                | Potassium | 22.1           |                    |               | 0                      | 0                       | 10/29/2025       | 14:21            | LB137697      |
|                | Selenium  | 1.76           |                    |               | -20                    | 20                      | 10/29/2025       | 14:21            | LB137697      |
|                | Silver    | 0.89           |                    |               | -10                    | 10                      | 10/29/2025       | 14:21            | LB137697      |
|                | Sodium    | 125            |                    |               | 0                      | 0                       | 10/29/2025       | 14:21            | LB137697      |
|                | Thallium  | 10.3           |                    |               | -40                    | 40                      | 10/29/2025       | 14:21            | LB137697      |
|                | Vanadium  | 4.98           |                    |               | -40                    | 40                      | 10/29/2025       | 14:21            | LB137697      |
|                | Zinc      | 3.72           |                    |               | -40                    | 40                      | 10/29/2025       | 14:21            | LB137697      |
| <b>ICSAB01</b> | Aluminum  | 236000         | 247000             | 96            | 209000                 | 285000                  | 10/29/2025       | 14:25            | LB137697      |
|                | Antimony  | 580            | 618                | 94            | 525                    | 711                     | 10/29/2025       | 14:25            | LB137697      |
|                | Arsenic   | 105            | 104                | 101           | 88.4                   | 120                     | 10/29/2025       | 14:25            | LB137697      |
|                | Barium    | 478            | 537                | 89            | 437                    | 637                     | 10/29/2025       | 14:25            | LB137697      |
|                | Beryllium | 501            | 495                | 101           | 420                    | 570                     | 10/29/2025       | 14:25            | LB137697      |
|                | Cadmium   | 963            | 972                | 99            | 826                    | 1120                    | 10/29/2025       | 14:25            | LB137697      |
|                | Calcium   | 229000         | 235000             | 97            | 199000                 | 271000                  | 10/29/2025       | 14:25            | LB137697      |
|                | Chromium  | 538            | 542                | 99            | 460                    | 624                     | 10/29/2025       | 14:25            | LB137697      |
|                | Cobalt    | 486            | 476                | 102           | 404                    | 548                     | 10/29/2025       | 14:25            | LB137697      |
|                | Copper    | 474            | 511                | 93            | 434                    | 588                     | 10/29/2025       | 14:25            | LB137697      |
|                | Iron      | 94700          | 99300              | 95            | 84400                  | 114500                  | 10/29/2025       | 14:25            | LB137697      |
|                | Lead      | 47.4           | 49.0               | 97            | 37                     | 61                      | 10/29/2025       | 14:25            | LB137697      |
|                | Magnesium | 244000         | 248000             | 98            | 210000                 | 286000                  | 10/29/2025       | 14:25            | LB137697      |
|                | Manganese | 479            | 507                | 94            | 430                    | 584                     | 10/29/2025       | 14:25            | LB137697      |
|                | Nickel    | 968            | 954                | 102           | 810                    | 1100                    | 10/29/2025       | 14:25            | LB137697      |
|                | Potassium | -81.1          |                    |               | 0                      | 0                       | 10/29/2025       | 14:25            | LB137697      |
|                | Selenium  | 51.1           | 46.0               | 111           | 26                     | 66                      | 10/29/2025       | 14:25            | LB137697      |
|                | Silver    | 202            | 201                | 100           | 170                    | 232                     | 10/29/2025       | 14:25            | LB137697      |
|                | Sodium    | 95.8           |                    |               | 0                      | 0                       | 10/29/2025       | 14:25            | LB137697      |
|                | Thallium  | 105            | 108                | 97            | 68                     | 148                     | 10/29/2025       | 14:25            | LB137697      |

**Metals**

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**INTERFERENCE CHECK SAMPLE**

**Client:** HDR, Inc.

**SDG No.:** Q3466

**Contract:** HDRI08

**Lab Code:** ACE

**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   | Vanadium | 469            | 491                | 96            | 417                    | 565                     | 10/29/2025       | 14:25            | LB137697      |
|           | Zinc     | 999            | 952                | 105           | 809                    | 1095                    | 10/29/2025       | 14:25            | LB137697      |