

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

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| 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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV27     | Mercury | 3.81           | 4.0        | 95            | 90 - 110                  | CV | 07/15/2025       | 12:06            | LB136476      |

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|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV01     | Mercury | 5.31           | 5.0        | 106           | 90 - 110                  | CV | 07/15/2025       | 12:11            | LB136476      |
| CCV02     | Mercury | 5.14           | 5.0        | 103           | 90 - 110                  | CV | 07/15/2025       | 12:48            | LB136476      |
| CCV03     | Mercury | 5.16           | 5.0        | 103           | 90 - 110                  | CV | 07/15/2025       | 13:16            | LB136476      |
| CCV04     | Mercury | 4.72           | 5.0        | 94            | 90 - 110                  | CV | 07/15/2025       | 13:53            | LB136476      |
| CCV05     | Mercury | 4.82           | 5.0        | 96            | 90 - 110                  | CV | 07/15/2025       | 14:22            | LB136476      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Antimony  | 190            | 200        | 95            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Arsenic   | 212            | 200        | 106           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Barium    | 97.1           | 100        | 97            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Beryllium | 94.9           | 100        | 95            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Cadmium   | 104            | 100        | 104           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Chromium  | 98.9           | 100        | 99            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Copper    | 95.2           | 100        | 95            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Lead      | 210            | 200        | 105           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Nickel    | 112            | 110        | 102           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Selenium  | 205            | 200        | 102           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Silver    | 54.4           | 50.0       | 109           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Thallium  | 213            | 210        | 102           | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Vanadium  | 93.5           | 100        | 94            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |
|           | Zinc      | 192            | 200        | 96            | 90 - 110                  | P | 07/16/2025       | 11:30            | LB136512      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Antimony  | 2.06           | 2.0        | 103           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Arsenic   | 1.06           | 1.0        | 106           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Barium    | 9.52           | 10.0       | 95            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Beryllium | 1.18           | 1.0        | 118           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Cadmium   | 1.01           | 1.0        | 101           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Chromium  | 1.96           | 2.0        | 98            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Copper    | 1.98           | 2.0        | 99            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Lead      | 0.80           | 1.0        | 80            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Nickel    | 0.99           | 1.0        | 99            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Selenium  | 4.99           | 5.0        | 100           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Silver    | 1.11           | 1.0        | 111           | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Thallium  | 0.91           | 1.0        | 91            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Vanadium  | 4.83           | 5.0        | 97            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |
|           | Zinc      | 4.70           | 5.0        | 94            | 80 - 120                  | P | 07/16/2025       | 11:40            | LB136512      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Antimony  | 508            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Arsenic   | 511            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Barium    | 2540           | 2500       | 102           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Beryllium | 539            | 500        | 108           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Cadmium   | 482            | 500        | 96            | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Chromium  | 532            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Copper    | 5370           | 5000       | 108           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Lead      | 2610           | 2500       | 104           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Nickel    | 524            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Selenium  | 479            | 500        | 96            | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Silver    | 500            | 500        | 100           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Thallium  | 516            | 500        | 103           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Vanadium  | 532            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
|           | Zinc      | 5260           | 5000       | 105           | 90 - 110                  | P | 07/16/2025       | 12:51            | LB136512      |
| CCV02     | Antimony  | 508            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Arsenic   | 499            | 500        | 100           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Barium    | 2530           | 2500       | 101           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Beryllium | 536            | 500        | 107           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Cadmium   | 477            | 500        | 95            | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Chromium  | 523            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Copper    | 5200           | 5000       | 104           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Lead      | 2580           | 2500       | 103           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Nickel    | 506            | 500        | 101           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Selenium  | 485            | 500        | 97            | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Silver    | 462            | 500        | 92            | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Thallium  | 521            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Vanadium  | 521            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
|           | Zinc      | 5120           | 5000       | 102           | 90 - 110                  | P | 07/16/2025       | 13:41            | LB136512      |
| CCV03     | Antimony  | 520            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Arsenic   | 511            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Barium    | 2590           | 2500       | 104           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Beryllium | 540            | 500        | 108           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Cadmium   | 480            | 500        | 96            | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Chromium  | 520            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV03     | Copper    | 5310           | 5000       | 106           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Lead      | 2630           | 2500       | 105           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Nickel    | 510            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Selenium  | 483            | 500        | 97            | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Silver    | 526            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Thallium  | 529            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Vanadium  | 528            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
|           | Zinc      | 5210           | 5000       | 104           | 90 - 110                  | P | 07/16/2025       | 14:40            | LB136512      |
| CCV04     | Antimony  | 544            | 500        | 109           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Arsenic   | 514            | 500        | 103           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Barium    | 2690           | 2500       | 108           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Beryllium | 550            | 500        | 110           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Cadmium   | 499            | 500        | 100           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Chromium  | 523            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Copper    | 5280           | 5000       | 106           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Lead      | 2680           | 2500       | 107           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Nickel    | 512            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Selenium  | 489            | 500        | 98            | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Silver    | 543            | 500        | 109           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Thallium  | 544            | 500        | 109           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Vanadium  | 531            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Zinc      | 5210           | 5000       | 104           | 90 - 110                  | P | 07/16/2025       | 15:45            | LB136512      |
|           | Antimony  | 530            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Arsenic   | 509            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
| CCV05     | Barium    | 2630           | 2500       | 105           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Beryllium | 549            | 500        | 110           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Cadmium   | 474            | 500        | 95            | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Chromium  | 529            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Copper    | 5290           | 5000       | 106           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Lead      | 2630           | 2500       | 105           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Nickel    | 515            | 500        | 103           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Selenium  | 483            | 500        | 97            | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Silver    | 512            | 500        | 102           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Thallium  | 533            | 500        | 107           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Vanadium  | 537            | 500        | 107           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
|           | Zinc      | 5240           | 5000       | 105           | 90 - 110                  | P | 07/16/2025       | 17:02            | LB136512      |
| CCV06     | Antimony  | 524            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Arsenic   | 502            | 500        | 100           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Barium    | 2630           | 2500       | 105           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Beryllium | 549            | 500        | 110           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Cadmium   | 477            | 500        | 95            | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Chromium  | 525            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Copper    | 5320           | 5000       | 106           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Lead      | 2610           | 2500       | 104           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Nickel    | 502            | 500        | 100           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Selenium  | 474            | 500        | 95            | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Silver    | 527            | 500        | 106           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Thallium  | 523            | 500        | 104           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Vanadium  | 524            | 500        | 105           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |
|           | Zinc      | 5160           | 5000       | 103           | 90 - 110                  | P | 07/16/2025       | 17:57            | LB136512      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Antimony  | 425            | 400        | 106           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Arsenic   | 426            | 400        | 106           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Barium    | 1710           | 1600       | 107           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Beryllium | 37.9           | 40.0       | 95            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Cadmium   | 213            | 200        | 107           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Chromium  | 153            | 160        | 96            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Copper    | 190            | 200        | 95            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Lead      | 392            | 400        | 98            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Nickel    | 437            | 400        | 109           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Selenium  | 434            | 400        | 108           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Silver    | 213            | 200        | 107           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Thallium  | 408            | 400        | 102           | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Vanadium  | 375            | 400        | 94            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |
|           | Zinc      | 388            | 400        | 97            | 90 - 110                  | P | 07/22/2025       | 16:39            | LB136576      |

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|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Antimony  | 2.06           | 2.0        | 103           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Arsenic   | 1.10           | 1.0        | 110           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Barium    | 9.56           | 10.0       | 96            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Beryllium | 1.20           | 1.0        | 120           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Cadmium   | 0.99           | 1.0        | 99            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Chromium  | 2.02           | 2.0        | 101           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Copper    | 1.62           | 2.0        | 81            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Lead      | 0.80           | 1.0        | 80            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Nickel    | 1.05           | 1.0        | 105           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Selenium  | 5.91           | 5.0        | 118           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Silver    | 1.13           | 1.0        | 113           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Thallium  | 0.94           | 1.0        | 94            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Vanadium  | 4.80           | 5.0        | 96            | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |
|           | Zinc      | 5.33           | 5.0        | 107           | 80 - 120                  | P | 07/22/2025       | 16:42            | LB136576      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Antimony  | 513            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Arsenic   | 492            | 500        | 98            | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Barium    | 2560           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Beryllium | 527            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Cadmium   | 516            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Chromium  | 518            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Copper    | 5490           | 5000       | 110           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Lead      | 2570           | 2500       | 103           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Nickel    | 509            | 500        | 102           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Selenium  | 491            | 500        | 98            | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Silver    | 550            | 500        | 110           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Thallium  | 522            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Vanadium  | 522            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
|           | Zinc      | 5500           | 5000       | 110           | 90 - 110                  | P | 07/22/2025       | 16:58            | LB136576      |
| CCV02     | Antimony  | 503            | 500        | 101           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Arsenic   | 484            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Barium    | 2530           | 2500       | 101           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Beryllium | 515            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Cadmium   | 492            | 500        | 98            | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Chromium  | 527            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Copper    | 5430           | 5000       | 109           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Lead      | 2540           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Nickel    | 518            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Selenium  | 484            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Silver    | 524            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Thallium  | 523            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Vanadium  | 525            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
|           | Zinc      | 5340           | 5000       | 107           | 90 - 110                  | P | 07/22/2025       | 17:48            | LB136576      |
| CCV03     | Antimony  | 549            | 500        | 110           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Arsenic   | 484            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Barium    | 2550           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Beryllium | 545            | 500        | 109           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Cadmium   | 499            | 500        | 100           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Chromium  | 525            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV03     | Copper    | 5350           | 5000       | 107           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Lead      | 2550           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Nickel    | 510            | 500        | 102           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Selenium  | 483            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Silver    | 528            | 500        | 106           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Thallium  | 516            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Vanadium  | 518            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
|           | Zinc      | 5190           | 5000       | 104           | 90 - 110                  | P | 07/22/2025       | 19:00            | LB136576      |
| CCV04     | Antimony  | 545            | 500        | 109           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Arsenic   | 485            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Barium    | 2550           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Beryllium | 530            | 500        | 106           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Cadmium   | 494            | 500        | 99            | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Chromium  | 521            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Copper    | 5370           | 5000       | 107           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Lead      | 2560           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Nickel    | 513            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Selenium  | 481            | 500        | 96            | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Silver    | 536            | 500        | 107           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Thallium  | 520            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Vanadium  | 522            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Zinc      | 5250           | 5000       | 105           | 90 - 110                  | P | 07/22/2025       | 19:53            | LB136576      |
|           | Antimony  | 518            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Arsenic   | 477            | 500        | 95            | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
| CCV05     | Barium    | 2540           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Beryllium | 529            | 500        | 106           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Cadmium   | 487            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Chromium  | 519            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Copper    | 5210           | 5000       | 104           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Lead      | 2530           | 2500       | 101           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Nickel    | 502            | 500        | 100           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Selenium  | 483            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Silver    | 523            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Thallium  | 515            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Vanadium  | 519            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
|           | Zinc      | 5160           | 5000       | 103           | 90 - 110                  | P | 07/22/2025       | 21:02            | LB136576      |
| CCV06     | Antimony  | 526            | 500        | 105           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Arsenic   | 479            | 500        | 96            | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Barium    | 2580           | 2500       | 103           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Beryllium | 545            | 500        | 109           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Cadmium   | 499            | 500        | 100           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Chromium  | 520            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Copper    | 5220           | 5000       | 104           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Lead      | 2570           | 2500       | 103           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Nickel    | 505            | 500        | 101           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Selenium  | 474            | 500        | 95            | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Silver    | 545            | 500        | 109           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Thallium  | 515            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Vanadium  | 516            | 500        | 103           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
|           | Zinc      | 5130           | 5000       | 103           | 90 - 110                  | P | 07/22/2025       | 22:04            | LB136576      |
| CCV07     | Antimony  | 521            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Arsenic   | 485            | 500        | 97            | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Barium    | 2580           | 2500       | 103           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Beryllium | 528            | 500        | 106           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Cadmium   | 499            | 500        | 100           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Chromium  | 517            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Copper    | 5240           | 5000       | 105           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Lead      | 2560           | 2500       | 102           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Nickel    | 507            | 500        | 101           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Selenium  | 481            | 500        | 96            | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Silver    | 542            | 500        | 108           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Thallium  | 519            | 500        | 104           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Vanadium  | 512            | 500        | 102           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |
|           | Zinc      | 5240           | 5000       | 105           | 90 - 110                  | P | 07/22/2025       | 22:28            | LB136576      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Antimony  | 419            | 400        | 105           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Arsenic   | 433            | 400        | 108           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Barium    | 1720           | 1600       | 108           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Beryllium | 47.9           | 40.0       | 120           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Cadmium   | 219            | 200        | 110           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Chromium  | 152            | 160        | 95            | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Copper    | 186            | 200        | 93            | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Lead      | 393            | 400        | 98            | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Nickel    | 429            | 400        | 107           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Selenium  | 436            | 400        | 109           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Silver    | 212            | 200        | 106           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Thallium  | 409            | 400        | 102           | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Vanadium  | 391            | 400        | 98            | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |
|           | Zinc      | 380            | 400        | 95            | 90 - 110                  | P | 07/24/2025       | 11:25            | LB136601      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Antimony  | 1.85           | 2.0        | 92            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Arsenic   | 1.12           | 1.0        | 112           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Barium    | 9.01           | 10.0       | 90            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Beryllium | 1.25           | 1.0        | 125           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Cadmium   | 1.10           | 1.0        | 110           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Chromium  | 1.87           | 2.0        | 94            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Copper    | 1.92           | 2.0        | 96            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Lead      | 0.88           | 1.0        | 88            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Nickel    | 1.11           | 1.0        | 111           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Selenium  | 5.50           | 5.0        | 110           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Silver    | 0.95           | 1.0        | 95            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Thallium  | 0.86           | 1.0        | 86            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Vanadium  | 4.61           | 5.0        | 92            | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |
|           | Zinc      | 5.02           | 5.0        | 100           | 80 - 120                  | P | 07/24/2025       | 11:34            | LB136601      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Nobis Group

**SDG No.:** Q2558

**Contract:** NOBI03

**Lab Code:** ACE

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Antimony  | 511            | 500        | 102           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Arsenic   | 503            | 500        | 101           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Barium    | 2570           | 2500       | 103           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Beryllium | 559            | 500        | 112           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Cadmium   | 522            | 500        | 104           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Chromium  | 524            | 500        | 105           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Copper    | 5330           | 5000       | 107           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Lead      | 2600           | 2500       | 104           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Nickel    | 498            | 500        | 100           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Selenium  | 493            | 500        | 99            | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Silver    | 525            | 500        | 105           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Thallium  | 522            | 500        | 104           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Vanadium  | 528            | 500        | 106           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
|           | Zinc      | 5200           | 5000       | 104           | 90 - 110                  | P | 07/24/2025       | 11:52            | LB136601      |
| CCV02     | Antimony  | 504            | 500        | 101           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Arsenic   | 490            | 500        | 98            | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Barium    | 2550           | 2500       | 102           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Beryllium | 541            | 500        | 108           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Cadmium   | 520            | 500        | 104           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Chromium  | 512            | 500        | 102           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Copper    | 5170           | 5000       | 103           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Lead      | 2560           | 2500       | 102           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Nickel    | 483            | 500        | 97            | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Selenium  | 480            | 500        | 96            | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Silver    | 527            | 500        | 105           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Thallium  | 522            | 500        | 104           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Vanadium  | 513            | 500        | 103           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |
|           | Zinc      | 5050           | 5000       | 101           | 90 - 110                  | P | 07/24/2025       | 12:39            | LB136601      |