284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV06 | Mercury | 3.69 | 4.0 | 92 | 90 - 110 | CV | 08/11/2025 | 10:33 | LB136768 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV15 | Mercury | 5.16 | 5.0 | 103 | 90 - 110 | CV | 08/11/2025 | 11:06 | LB136768 |
| CCV16 | Mercury | 5.27 | 5.0 | 105 | 90 - 110 | CV | 08/11/2025 | 11:53 | LB136768 |
| CCV17 | Mercury | 4.90 | 5.0 | 98 | 90 - 110 | CV | 08/11/2025 | 12:26 | LB136768 |
| CCV18 | Mercury | 5.07 | 5.0 | 101 | 90 - 110 | CV | 08/11/2025 | 13:32 | LB136768 |
| CCV19 | Mercury | 5.03 | 5.0 | 101 | 90 - 110 | CV | 08/11/2025 | 13:56 | LB136768 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 7500 | 8000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Antimony | 3860 | 4000 | 96 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Arsenic | 3700 | 4000 | 93 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Barium | 7500 | 8000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Beryllium | 190 | 200 | 95 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Cadmium | 1840 | 2000 | 92 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Calcium | 18800 | 20000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Chromium | 755 | 800 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Cobalt | 1880 | 2000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Copper | 962 | 1000 | 96 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Iron | 3710 | 4000 | 93 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Lead | 3840 | 4000 | 96 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Magnesium | 18800 | 20000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Manganese | 1880 | 2000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Nickel | 1870 | 2000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Potassium | 18400 | 20000 | 92 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Selenium | 3720 | 4000 | 93 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Silver | 940 | 1000 | 94 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Sodium | 18300 | 20000 | 91 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Thallium | 3830 | 4000 | 96 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Vanadium | 1910 | 2000 | 96 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |
| | Zinc | 1860 | 2000 | 93 | 90 - 110 | P | 08/11/2025 | 11:09 | LB136778 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 119 | 100 | 119 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Antimony | 48.4 | 50.0 | 97 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Arsenic | 19.2 | 20.0 | 96 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Barium | 97.3 | 100 | 97 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Beryllium | 5.80 | 6.0 | 97 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Cadmium | 5.81 | 6.0 | 97 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Calcium | 2020 | 2000 | 101 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Chromium | 9.94 | 10.0 | 99 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Cobalt | 28.1 | 30.0 | 94 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Copper | 20.7 | 20.0 | 103 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Iron | 98.4 | 100 | 98 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Lead | 12.4 | 12.0 | 103 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Magnesium | 2060 | 2000 | 103 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Manganese | 23.8 | 20.0 | 119 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Nickel | 38.5 | 40.0 | 96 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Potassium | 1670 | 2000 | 84 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Selenium | 21.6 | 20.0 | 108 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Silver | 10.2 | 10.0 | 102 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Sodium | 1660 | 2000 | 83 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Thallium | 37.3 | 40.0 | 93 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Vanadium | 42.0 | 40.0 | 105 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |
| | Zinc | 41.5 | 40.0 | 104 | 80 - 120 | P | 08/11/2025 | 11:33 | LB136778 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 9900 | 10000 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Antimony | 4990 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Arsenic | 4930 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Barium | 10000 | 10000 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Beryllium | 248 | 250 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Cadmium | 2420 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Calcium | 24900 | 25000 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Chromium | 985 | 1000 | 98 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Copper | 1230 | 1250 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Iron | 4980 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Lead | 4830 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Magnesium | 24700 | 25000 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Manganese | 2500 | 2500 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Nickel | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Selenium | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Silver | 1240 | 1250 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Thallium | 4760 | 5000 | 95 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Vanadium | 2480 | 2500 | 99 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| | Zinc | 2490 | 2500 | 100 | 90 - 110 | P | 08/11/2025 | 12:05 | LB136778 |
| CCV02 | Aluminum | 9660 | 10000 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Antimony | 4960 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Arsenic | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Barium | 9690 | 10000 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Beryllium | 231 | 250 | 92 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Cadmium | 2340 | 2500 | 94 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Calcium | 24100 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Chromium | 961 | 1000 | 96 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Cobalt | 2370 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Copper | 1210 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Iron | 5030 | 5000 | 101 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Lead | 4680 | 5000 | 94 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 23700 | 25000 | 95 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Manganese | 2420 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Nickel | 2360 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Potassium | 25400 | 25000 | 102 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Selenium | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Silver | 1220 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Sodium | 25200 | 25000 | 101 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Thallium | 4640 | 5000 | 93 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| | Zinc | 2460 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 13:00 | LB136778 |
| CCV03 | Aluminum | 9140 | 10000 | 91 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Antimony | 4880 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Arsenic | 4840 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Barium | 9090 | 10000 | 91 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Beryllium | 269 | 250 | 108 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Cadmium | 2320 | 2500 | 93 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Calcium | 22800 | 25000 | 91 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Chromium | 913 | 1000 | 91 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Cobalt | 2320 | 2500 | 93 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Copper | 1180 | 1250 | 95 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Iron | 4740 | 5000 | 95 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Lead | 4620 | 5000 | 92 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Magnesium | 22500 | 25000 | 90 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Manganese | 2270 | 2500 | 91 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Nickel | 2330 | 2500 | 93 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Potassium | 23800 | 25000 | 95 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Selenium | 4950 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Silver | 1170 | 1250 | 94 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Sodium | 23200 | 25000 | 93 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Thallium | 5170 | 5000 | 103 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Vanadium | 2300 | 2500 | 92 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| | Zinc | 2350 | 2500 | 94 | 90 - 110 | P | 08/11/2025 | 14:54 | LB136778 |
| CCV04 | Aluminum | 9270 | 10000 | 93 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Antimony | 5030 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 4990 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Barium | 9100 | 10000 | 91 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Beryllium | 227 | 250 | 91 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Cadmium | 2370 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Calcium | 23000 | 25000 | 92 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Chromium | 921 | 1000 | 92 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Cobalt | 2380 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Copper | 1210 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Iron | 4770 | 5000 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Lead | 4740 | 5000 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Magnesium | 22900 | 25000 | 92 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Manganese | 2300 | 2500 | 92 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Nickel | 2390 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Potassium | 23700 | 25000 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Selenium | 5090 | 5000 | 102 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Silver | 1180 | 1250 | 94 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Sodium | 23000 | 25000 | 92 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Thallium | 5410 | 5000 | 108 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Vanadium | 2350 | 2500 | 94 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |
| | Zinc | 2370 | 2500 | 95 | 90 - 110 | P | 08/11/2025 | 16:02 | LB136778 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 7640 | 8000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Antimony | 3950 | 4000 | 99 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Arsenic | 3820 | 4000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Barium | 7520 | 8000 | 94 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Beryllium | 190 | 200 | 95 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Cadmium | 1900 | 2000 | 95 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Calcium | 19100 | 20000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Chromium | 793 | 800 | 99 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Cobalt | 1930 | 2000 | 97 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Copper | 989 | 1000 | 99 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Iron | 3930 | 4000 | 98 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Lead | 3970 | 4000 | 99 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Magnesium | 19100 | 20000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Manganese | 1910 | 2000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Nickel | 1940 | 2000 | 97 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Potassium | 19100 | 20000 | 95 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Selenium | 3830 | 4000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Silver | 1030 | 1000 | 103 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Sodium | 18700 | 20000 | 93 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Thallium | 3790 | 4000 | 95 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Vanadium | 1920 | 2000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |
| | Zinc | 1920 | 2000 | 96 | 90 - 110 | P | 08/11/2025 | 16:44 | LB136779 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 100 | 100 | 100 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Antimony | 51.5 | 50.0 | 103 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Arsenic | 19.3 | 20.0 | 97 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Barium | 96.4 | 100 | 96 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Beryllium | 5.99 | 6.0 | 100 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Cadmium | 5.94 | 6.0 | 99 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Calcium | 2030 | 2000 | 101 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Chromium | 9.85 | 10.0 | 98 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Cobalt | 29.6 | 30.0 | 99 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Copper | 21.3 | 20.0 | 107 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Iron | 84.3 | 100 | 84 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Lead | 12.5 | 12.0 | 104 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Magnesium | 2120 | 2000 | 106 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Manganese | 22.6 | 20.0 | 113 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Nickel | 39.9 | 40.0 | 100 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Potassium | 1790 | 2000 | 90 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Selenium | 22.2 | 20.0 | 111 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Silver | 9.94 | 10.0 | 99 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Sodium | 1770 | 2000 | 88 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Thallium | 40.7 | 40.0 | 102 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Vanadium | 38.9 | 40.0 | 97 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |
| | Zinc | 41.2 | 40.0 | 103 | 80 - 120 | P | 08/11/2025 | 16:49 | LB136779 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 9600 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Antimony | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Arsenic | 4950 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Barium | 9490 | 10000 | 95 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Cadmium | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Calcium | 24000 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Chromium | 972 | 1000 | 97 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Cobalt | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Iron | 4850 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Lead | 4840 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Magnesium | 23900 | 25000 | 95 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Manganese | 2400 | 2500 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Nickel | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Potassium | 24000 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Selenium | 4950 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Silver | 1210 | 1250 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Sodium | 24100 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Thallium | 4880 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Vanadium | 2410 | 2500 | 96 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| | Zinc | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:19 | LB136779 |
| CCV02 | Aluminum | 9700 | 10000 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Antimony | 4930 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Arsenic | 5010 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Barium | 9570 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Beryllium | 242 | 250 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Calcium | 24300 | 25000 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Chromium | 992 | 1000 | 99 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Cobalt | 2450 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Iron | 4960 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Lead | 4900 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 24300 | 25000 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Nickel | 2470 | 2500 | 99 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Potassium | 24600 | 25000 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Selenium | 5010 | 5000 | 100 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Silver | 1220 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Sodium | 24400 | 25000 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Thallium | 4950 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Vanadium | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| | Zinc | 2450 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 17:44 | LB136779 |
| CCV03 | Aluminum | 9610 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Antimony | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Arsenic | 4940 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Barium | 9550 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Beryllium | 240 | 250 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Cadmium | 2450 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Calcium | 24100 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Chromium | 977 | 1000 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Cobalt | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Iron | 4910 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Lead | 4850 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Magnesium | 23900 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Manganese | 2410 | 2500 | 96 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Potassium | 24300 | 25000 | 97 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Selenium | 4910 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Silver | 1210 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Sodium | 23300 | 25000 | 93 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Thallium | 4520 | 5000 | 90 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| | Zinc | 2450 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 18:26 | LB136779 |
| CCV04 | Aluminum | 9620 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Antimony | 4870 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 4890 | 5000 | 98 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Barium | 9590 | 10000 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Cadmium | 2420 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Calcium | 24200 | 25000 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Chromium | 979 | 1000 | 98 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Cobalt | 2420 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Copper | 1230 | 1250 | 98 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Iron | 4970 | 5000 | 99 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Lead | 4810 | 5000 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Magnesium | 24000 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Nickel | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Selenium | 4870 | 5000 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Silver | 1210 | 1250 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Sodium | 24100 | 25000 | 96 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Thallium | 4650 | 5000 | 93 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |
| | Zinc | 2440 | 2500 | 98 | 90 - 110 | P | 08/11/2025 | 18:59 | LB136779 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 7870 | 8000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Antimony | 4130 | 4000 | 103 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Arsenic | 3980 | 4000 | 99 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Barium | 7840 | 8000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Beryllium | 195 | 200 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Cadmium | 1940 | 2000 | 97 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Calcium | 19400 | 20000 | 97 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Chromium | 795 | 800 | 99 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Cobalt | 1970 | 2000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Copper | 1010 | 1000 | 102 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Iron | 3940 | 4000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Lead | 3820 | 4000 | 96 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Magnesium | 19300 | 20000 | 96 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Manganese | 1940 | 2000 | 97 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Nickel | 1960 | 2000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Potassium | 19600 | 20000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Selenium | 4030 | 4000 | 101 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Silver | 997 | 1000 | 100 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Sodium | 19700 | 20000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Thallium | 3810 | 4000 | 95 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Vanadium | 1960 | 2000 | 98 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |
| | Zinc | 2020 | 2000 | 101 | 90 - 110 | P | 08/15/2025 | 11:50 | LB136851 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 106 | 100 | 106 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Antimony | 50.7 | 50.0 | 101 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Arsenic | 19.5 | 20.0 | 98 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Barium | 93.5 | 100 | 94 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Beryllium | 6.22 | 6.0 | 104 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Cadmium | 5.88 | 6.0 | 98 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Calcium | 2050 | 2000 | 103 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Chromium | 10.2 | 10.0 | 102 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Cobalt | 29.6 | 30.0 | 99 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Copper | 21.8 | 20.0 | 109 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Iron | 103 | 100 | 103 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Lead | 11.7 | 12.0 | 98 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Magnesium | 2160 | 2000 | 108 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Manganese | 21.6 | 20.0 | 108 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Nickel | 40.1 | 40.0 | 100 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Potassium | 1960 | 2000 | 98 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Selenium | 21.3 | 20.0 | 106 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Silver | 10.6 | 10.0 | 106 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Sodium | 1900 | 2000 | 95 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Thallium | 39.8 | 40.0 | 99 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Vanadium | 39.0 | 40.0 | 98 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |
| | Zinc | 42.5 | 40.0 | 106 | 80 - 120 | P | 08/15/2025 | 11:56 | LB136851 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 9820 | 10000 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Antimony | 5030 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Arsenic | 4990 | 5000 | 100 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Barium | 9720 | 10000 | 97 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Beryllium | 241 | 250 | 96 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Cadmium | 2440 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Calcium | 24400 | 25000 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Chromium | 989 | 1000 | 99 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Iron | 4980 | 5000 | 100 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Lead | 4870 | 5000 | 97 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Manganese | 2420 | 2500 | 97 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Nickel | 2440 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Potassium | 24900 | 25000 | 100 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Selenium | 5060 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Silver | 1240 | 1250 | 99 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Thallium | 5250 | 5000 | 105 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Vanadium | 2460 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| | Zinc | 2520 | 2500 | 101 | 90 - 110 | P | 08/15/2025 | 12:26 | LB136851 |
| CCV02 | Aluminum | 9430 | 10000 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Antimony | 4960 | 5000 | 99 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Arsenic | 4910 | 5000 | 98 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Barium | 9430 | 10000 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Beryllium | 229 | 250 | 91 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Cadmium | 2340 | 2500 | 93 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Calcium | 23400 | 25000 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Chromium | 951 | 1000 | 95 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Cobalt | 2340 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Copper | 1210 | 1250 | 96 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Iron | 4840 | 5000 | 97 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Lead | 4680 | 5000 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |

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Fax : 908 789 8922

# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 23100 | 25000 | 92 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Manganese | 2330 | 2500 | 93 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Nickel | 2350 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Potassium | 24200 | 25000 | 97 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Selenium | 5010 | 5000 | 100 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Silver | 1200 | 1250 | 96 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Sodium | 23900 | 25000 | 96 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Thallium | 5400 | 5000 | 108 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Vanadium | 2370 | 2500 | 95 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| | Zinc | 2440 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 13:40 | LB136851 |
| CCV03 | Aluminum | 9550 | 10000 | 96 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Antimony | 5010 | 5000 | 100 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Arsenic | 4970 | 5000 | 99 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Barium | 9500 | 10000 | 95 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Beryllium | 226 | 250 | 90 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Cadmium | 2360 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Calcium | 23500 | 25000 | 94 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Chromium | 969 | 1000 | 97 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Cobalt | 2360 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Copper | 1220 | 1250 | 97 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Iron | 5030 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Lead | 4720 | 5000 | 94 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Magnesium | 23200 | 25000 | 93 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Manganese | 2330 | 2500 | 93 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Nickel | 2380 | 2500 | 95 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Potassium | 25300 | 25000 | 101 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Selenium | 5080 | 5000 | 102 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Silver | 1210 | 1250 | 97 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Thallium | 5050 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Vanadium | 2400 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| | Zinc | 2490 | 2500 | 99 | 90 - 110 | P | 08/15/2025 | 15:04 | LB136851 |
| CCV04 | Aluminum | 9750 | 10000 | 98 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Antimony | 5130 | 5000 | 102 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 5080 | 5000 | 102 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Barium | 9540 | 10000 | 95 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Beryllium | 229 | 250 | 92 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Cadmium | 2390 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Calcium | 23800 | 25000 | 95 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Chromium | 980 | 1000 | 98 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Cobalt | 2390 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Iron | 5040 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Lead | 4800 | 5000 | 96 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Magnesium | 23700 | 25000 | 95 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Manganese | 2350 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Nickel | 2410 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Potassium | 25400 | 25000 | 102 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Selenium | 5240 | 5000 | 105 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Silver | 1230 | 1250 | 99 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Sodium | 24800 | 25000 | 99 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Thallium | 4540 | 5000 | 91 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Vanadium | 2440 | 2500 | 98 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 08/15/2025 | 15:55 | LB136851 |
| CCV05 | Aluminum | 9680 | 10000 | 97 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Antimony | 5190 | 5000 | 104 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Arsenic | 5110 | 5000 | 102 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Barium | 9690 | 10000 | 97 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Beryllium | 230 | 250 | 92 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Cadmium | 2400 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Calcium | 23700 | 25000 | 95 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Chromium | 985 | 1000 | 98 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Cobalt | 2410 | 2500 | 96 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Iron | 5050 | 5000 | 101 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Lead | 4830 | 5000 | 97 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Magnesium | 23500 | 25000 | 94 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Manganese | 2350 | 2500 | 94 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Kleinfelder **SDG No.:** Q2807

**Contract:** POWE02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2430 | 2500 | 97 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Potassium | 25600 | 25000 | 102 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Selenium | 5240 | 5000 | 105 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Sodium | 24600 | 25000 | 99 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Thallium | 4920 | 5000 | 98 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Vanadium | 2430 | 2500 | 97 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |
| | Zinc | 2560 | 2500 | 102 | 90 - 110 | P | 08/15/2025 | 16:38 | LB136851 |