

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Nobis Group **Level:** LOW **SDG No.:** Q1730  
**Contract:** NOBI03 **Lab Code:** CHEM **Case No.:** Q1730 **SAS No.:** Q1730  
**Matrix:** Solid **Sample ID:** Q1738-01 **Client ID:** OK-02-040425DUP  
**Percent Solids for Sample:** 86.1 **Duplicate ID** Q1738-01DUP **Percent Solids for Spike Sample:** 86.1

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 7390          |   | 7040             |   | 5   |      | P |
| Antimony  | mg/Kg | 20               | 2.81          | U | 2.81             | U |     |      | P |
| Arsenic   | mg/Kg | 20               | 2.02          |   | 2.12             |   | 5   |      | P |
| Barium    | mg/Kg | 20               | 20.7          |   | 22.8             |   | 10  |      | P |
| Beryllium | mg/Kg | 20               | 0.42          |   | 0.39             |   | 7   |      | P |
| Cadmium   | mg/Kg | 20               | 0.41          |   | 0.044            | J | 161 | *    | P |
| Calcium   | mg/Kg | 20               | 5530          |   | 3660             |   | 41  | *    | P |
| Chromium  | mg/Kg | 20               | 13.6          |   | 13.9             |   | 2   |      | P |
| Cobalt    | mg/Kg | 20               | 11.0          |   | 9.80             |   | 12  |      | P |
| Copper    | mg/Kg | 20               | 31.9          |   | 29.3             |   | 8   |      | P |
| Iron      | mg/Kg | 20               | 15400         |   | 16300            |   | 6   |      | P |
| Lead      | mg/Kg | 20               | 9.05          |   | 9.28             |   | 3   |      | P |
| Magnesium | mg/Kg | 20               | 4120          |   | 3500             |   | 16  |      | P |
| Manganese | mg/Kg | 20               | 190           |   | 200              |   | 5   |      | P |
| Nickel    | mg/Kg | 20               | 15.1          |   | 13.9             |   | 8   |      | P |
| Potassium | mg/Kg | 20               | 772           |   | 957              |   | 21  | *    | P |
| Selenium  | mg/Kg | 20               | 1.12          | U | 1.12             | U |     |      | P |
| Silver    | mg/Kg | 20               | 0.56          | U | 0.56             | U |     |      | P |
| Sodium    | mg/Kg | 20               | 642           |   | 629              |   | 2   |      | P |
| Thallium  | mg/Kg | 20               | 2.24          | U | 2.24             | U |     |      | P |
| Vanadium  | mg/Kg | 20               | 35.8          |   | 34.7             |   | 3   |      | P |
| Zinc      | mg/Kg | 20               | 27.5          |   | 26.1             |   | 5   |      | P |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Nobis Group **Level:** LOW **SDG No.:** Q1730  
**Contract:** NOBI03 **Lab Code:** CHEM **Case No.:** Q1730 **SAS No.:** Q1730  
**Matrix:** Solid **Sample ID:** Q1738-01MS **Client ID:** OK-02-040425MSD  
**Percent Solids for Sample:** 86.1 **Duplicate ID** Q1738-01MSD **Percent Solids for Spike Sample:** 86.1

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 6760          |   | 6640             |   | 2   |      | P |
| Antimony  | mg/Kg | 20               | 34.4          |   | 33.1             |   | 4   |      | P |
| Arsenic   | mg/Kg | 20               | 36.0          |   | 35.2             |   | 2   |      | P |
| Barium    | mg/Kg | 20               | 28.2          |   | 27.5             |   | 3   |      | P |
| Beryllium | mg/Kg | 20               | 8.26          |   | 8.54             |   | 3   |      | P |
| Cadmium   | mg/Kg | 20               | 10.5          |   | 10.4             |   | 0   |      | P |
| Calcium   | mg/Kg | 20               | 4380          |   | 3970             |   | 10  |      | P |
| Chromium  | mg/Kg | 20               | 29.3          |   | 28.2             |   | 4   |      | P |
| Cobalt    | mg/Kg | 20               | 19.7          |   | 19.3             |   | 2   |      | P |
| Copper    | mg/Kg | 20               | 40.5          |   | 40.0             |   | 1   |      | P |
| Iron      | mg/Kg | 20               | 15100         |   | 13900            |   | 8   |      | P |
| Lead      | mg/Kg | 20               | 57.9          |   | 56.6             |   | 2   |      | P |
| Magnesium | mg/Kg | 20               | 3640          |   | 3470             |   | 5   |      | P |
| Manganese | mg/Kg | 20               | 188           |   | 185              |   | 2   |      | P |
| Nickel    | mg/Kg | 20               | 38.3          |   | 37.4             |   | 2   |      | P |
| Potassium | mg/Kg | 20               | 1260          |   | 1170             |   | 7   |      | P |
| Selenium  | mg/Kg | 20               | 82.8          |   | 81.0             |   | 2   |      | P |
| Silver    | mg/Kg | 20               | 2.65          |   | 2.39             |   | 10  |      | P |
| Sodium    | mg/Kg | 20               | 733           |   | 661              |   | 10  |      | P |
| Thallium  | mg/Kg | 20               | 95.7          |   | 93.2             |   | 3   |      | P |
| Vanadium  | mg/Kg | 20               | 44.8          |   | 43.5             |   | 3   |      | P |
| Zinc      | mg/Kg | 20               | 33.5          |   | 32.5             |   | 3   |      | P |

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                 |                                         |                 |                 |              |
|-----------------------------------|--------------------|---------------------|-----------------|-----------------------------------------|-----------------|-----------------|--------------|
| <b>Client:</b>                    | <u>Nobis Group</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q1730</u>    |                 |              |
| <b>Contract:</b>                  | <u>NOBI03</u>      | <b>Lab Code:</b>    | <u>CHEM</u>     | <b>Case No.:</b>                        | <u>Q1730</u>    | <b>SAS No.:</b> | <u>Q1730</u> |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q1743-01</u> | <b>Client ID:</b>                       | <u>TP-16DUP</u> |                 |              |
| <b>Percent Solids for Sample:</b> | 94.6               | <b>Duplicate ID</b> | Q1743-01DUP     | <b>Percent Solids for Spike Sample:</b> | 94.6            |                 |              |

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.027            |   | 0.028               |   | 4   |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                   |                                         |                 |
|-----------------------------------|--------------------|---------------------|-------------------|-----------------------------------------|-----------------|
| <b>Client:</b>                    | <u>Nobis Group</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q1730</u>    |
| <b>Contract:</b>                  | <u>NOBI03</u>      | <b>Lab Code:</b>    | <u>CHEM</u>       | <b>Case No.:</b>                        | <u>Q1730</u>    |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q1743-01MS</u> | <b>Client ID:</b>                       | <u>TP-16MSD</u> |
| <b>Percent Solids for Sample:</b> | 94.6               | <b>Duplicate ID</b> | Q1743-01MSD       | <b>Percent Solids for Spike Sample:</b> | 94.6            |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.25          |   | 0.26             |   | 3   |      | CV |