**Table S1**. Analyte limits of detection (LOD), quantification (LOQ),

and analytical range

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| --- | --- | --- | --- |
| Analyte | LOD (mg/kg) | LOQ (mg/kg) | Analytical Range (mg/kg) |
| Aluminum | 3 | 11 | 3 to 25000 |
| Antimony | 3 | 8.7 | 3 to 2500 |
| Arsenic | 7 | 23 | 7 to 2500 |
| Barium | 0.2 | 0.66 | 0.2 to 2500 |
| Beryllium | 0.09 | 0.31 | 0.09 to 2500 |
| Cadmium | 0.2 | 0.64 | 0.2 to 2500 |
| Calcium | 10 | 33 | 10 to 25000 |
| Chromium | 0.3 | 0.99 | 0.3 to 2500 |
| Cobalt | 0.5 | 1.5 | 0.5 to 2500 |
| Copper | 0.7 | 2.2 | 0.7 to 2500 |
| Iron | 3 | 8.6 | 3 to 25000 |
| Lanthanum | 0.2 | 0.50 | 0.2 to 2500 |
| Lead | 2 | 5.4 | 2 to 2500 |
| Lithium | 0.4 | 1.3 | 0.4 to 2500 |
| Magnesium | 0.7 | 2.2 | 0.7 to 25000 |
| Manganese | 0.07 | 0.23 | 0.07 to 2500 |
| Molybdenum | 0.8 | 2.8 | 0.8 to 2500 |
| Nickel | 0.2 | 0.82 | 0.2 to 2500 |
| Phosphorus | 20 | 61 | 20 to 2500 |
| Potassium | 0.6 | 2.2 | 0.6 to 25000 |
| Selenium | 10 | 41 | 10 to 2500 |
| Silver | 3 | NA | 3 to 2500 |
| Strontium | 0.06 | 0.19 | 0.06 to 2500 |
| Tellurium | 5 | 16 | 5 to 2500 |
| Thallium | 4 | 12 | 4 to 2500 |
| Tin | 2 | 6.2 | 2 to 2500 |
| Titanium | 0.1 | 0.46 | 0.1 to 2500 |
| Vanadium | 3 | 11 | 3 to 2500 |
| Yttrium | 0.04 | 0.14 | 0.04 to 2500 |
| Zinc | 0.3 | 1.0 | 0.3 to 2500 |
| Zirconium | 0.07 | 0.23 | 0.07 to 2500 |