

Gold Ore, CRM, Au values by Fire Assay and Aqua Regia, Powder

Art. ID GEO-G313-3
Unit Powder 10g or 1 kg
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|-------------------|-------------|---------------------|------|-------------------------------------|--------|
| Certified value | Gold (Au) | [7440-57-5] | 0,000051 | % | Fire Assay | |
| Certified value | Gold (Au) | [7440-57-5] | 0,000049 | % | Aqua Regia | |
| Single analysis only - Not certified | Antimony (Sb) | [7440-36-0] | 0,000771 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Arsenic (As) | [7440-38-2] | 0,00276 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Barium (Ba) | [7440-39-3] | 0,0332 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Bromine (Br) | [7726-95-6] | 0,000214 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cadmium (Cd) | [7440-43-9] | 0,000438 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cerium (Ce) | [7440-45-1] | 0,00354 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Caesium (Cs) | [7440-46-2] | 0,000177 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Chromium (Cr) | [7440-47-3] | 0,00732 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cobalt (Co) | [7440-48-4] | 0,000735 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Europium (Eu) | [7440-53-1] | <0,0000621 | % | Neutron ac tivation a | |

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|---|-----------------|-------------|--------------|---|-----------------------------|
| Single analysis only - Not certified | Gold (Au) | [7440-57-5] | 0,0000528 | % | Neutron activation analyses |
| Single analysis only - Not certified | Hafnium (Hf) | [7440-58-6] | 0,000602 | % | Neutron activation analyses |
| Single analysis only - Not certified | Iridium (Ir) | [7439-88-5] | <0,000000798 | % | Neutron activation analyses |
| Single analysis only - Not certified | Iron (Fe) | [7439-89-6] | 5,88 | % | Neutron activation analyses |
| Single analysis only - Not certified | Lanthanum (La) | [7439-91-0] | 0,00188 | % | Neutron activation analyses |
| Single analysis only - Not certified | Lutetium (Lu) | [7439-94-3] | 0,0000358 | % | Neutron activation analyses |
| Single analysis only - Not certified | Molybdenum (Mo) | [7439-98-7] | 0,00154 | % | Neutron activation analyses |
| Single analysis only - Not certified | Nickel (Ni) | [7440-02-0] | 0,00159 | % | Neutron activation analyses |
| Single analysis only - Not certified | Rubidium (Rb) | [7440-17-7] | 0,0116 | % | Neutron activation analyses |
| Single analysis only - Not certified | Samarium (Sm) | [7440-19-9] | 0,00033 | % | Neutron activation analyses |
| Single analysis only - Not certified | Scandium (Sc) | [7440-20-2] | 0,00119 | % | Neutron activation analyses |
| Single analysis only - Not certified | Selenium (Se) | [7782-49-2] | <0,000234 | % | Neutron activation analyses |
| Single analysis only - | Sodium (Na) | [7440-23-5] | 1,96 | % | Neutron ac |

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|---|------------------|--------------|-----------|---|-------------------------------------|
| Not certified | | | | | tivation a nalyzes |
| Single analysis only - Not certified | Tantalum (Ta) | [7440-25-7] | 0,000193 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tellurium (Te) | [13494-80-9] | <0,000267 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Terbium (Tb) | [7440-27-9] | 0,0000649 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Thorium (Th) | [7440-29-1] | 0,00317 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tin (Sn) | [7440-31-5] | <0,00379 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tungsten (W) | [7440-33-7] | <0,000115 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Uranium (U) | [7440-61-1] | 0,00114 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Ytterbium (Yb) | [7440-64-4] | 0,000138 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zinc (Zn) | [7440-66-6] | 0,1241 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zirconium (Zr) | [7440-67-7] | 0,0181 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Silver (Ag) | [7440-22-4] | 0,000505 | % | Neutron ac tivation a nalyzes |
| Indicative value | Iron (Fe) | [7439-89-6] | 5,5 | % | Fusion / X RF |
| Indicative value | SiO ₂ | | 58,68 | % | Fusion / X |

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|------------------|--|-------------|-------|---|------------|
| | | | | | RF |
| Indicative value | Al ₂ O ₃ | | 18,04 | % | Fusion / X |
| | | | | | RF |
| Indicative value | TiO ₂ | | 0,811 | % | Fusion / X |
| | | | | | RF |
| Indicative value | MnO | | 0,07 | % | Fusion / X |
| | | | | | RF |
| Indicative value | CaO | | 2,59 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Phosphorus (P) | [7723-14-0] | 0,031 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Sulfur (S) | [7704-34-9] | 0,267 | % | Fusion / X |
| | | | | | RF |
| Indicative value | MgO | [1309-48-4] | 1,52 | % | Fusion / X |
| | | | | | RF |
| Indicative value | K ₂ O | | 2,5 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Na ₂ O | | 2,493 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Loss on Ignition (L.O.I) (1000 °C) | | 4,58 | % | |