

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

Art. ID GEO-G313-8
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] | 0,000243 | % | Fire Assay | |
| Certified value | Gold (Au) | [7440-57-5] | 0,000241 | % | Aqua Regia | |
| Single analysis only - Not certified | Antimony (Sb) | [7440-36-0] | 0,0000805 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Arsenic (As) | [7440-38-2] | 0,000487 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Barium (Ba) | [7440-39-3] | 0,0485 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Bromine (Br) | [7726-95-6] | 0,000164 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cadmium (Cd) | [7440-43-9] | <0,000177 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cerium (Ce) | [7440-45-1] | 0,00459 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Caesium (Cs) | [7440-46-2] | 0,000247 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Chromium (Cr) | [7440-47-3] | 0,00762 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cobalt (Co) | [7440-48-4] | 0,000528 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Europium (Eu) | [7440-53-1] | 0,0000656 | % | Neutron ac tivation a | |

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|---|-----------------|-------------|--------------|---|-----------------------------|
| Single analysis only - Not certified | Gold (Au) | [7440-57-5] | 0,000277 | % | Neutron activation analyses |
| Single analysis only - Not certified | Hafnium (Hf) | [7440-58-6] | 0,000649 | % | Neutron activation analyses |
| Single analysis only - Not certified | Iridium (Ir) | [7439-88-5] | <0,000000801 | % | Neutron activation analyses |
| Single analysis only - Not certified | Iron (Fe) | [7439-89-6] | 6,13 | % | Neutron activation analyses |
| Single analysis only - Not certified | Lanthanum (La) | [7439-91-0] | 0,00244 | % | Neutron activation analyses |
| Single analysis only - Not certified | Lutetium (Lu) | [7439-94-3] | 0,0000305 | % | Neutron activation analyses |
| Single analysis only - Not certified | Molybdenum (Mo) | [7439-98-7] | 0,00141 | % | Neutron activation analyses |
| Single analysis only - Not certified | Nickel (Ni) | [7440-02-0] | 0,00101 | % | Neutron activation analyses |
| Single analysis only - Not certified | Rubidium (Rb) | [7440-17-7] | 0,0125 | % | Neutron activation analyses |
| Single analysis only - Not certified | Samarium (Sm) | [7440-19-9] | 0,000362 | % | Neutron activation analyses |
| Single analysis only - Not certified | Scandium (Sc) | [7440-20-2] | 0,00112 | % | Neutron activation analyses |
| Single analysis only - Not certified | Selenium (Se) | [7782-49-2] | <0,000287 | % | Neutron activation analyses |
| Single analysis only - | Sodium (Na) | [7440-23-5] | 2,08 | % | Neutron ac |

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|---|------------------|--------------|-----------|---|-------------------------------------|
| Not certified | | | | | tivation a nalyzes |
| Single analysis only - Not certified | Tantalum (Ta) | [7440-25-7] | 0,000184 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tellurium (Te) | [13494-80-9] | <0,000547 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Terbium (Tb) | [7440-27-9] | 0,0000677 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Thorium (Th) | [7440-29-1] | 0,0035 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tin (Sn) | [7440-31-5] | <0,00411 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Tungsten (W) | [7440-33-7] | <0,000127 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Uranium (U) | [7440-61-1] | 0,00107 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Ytterbium (Yb) | [7440-64-4] | 0,000132 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zinc (Zn) | [7440-66-6] | 0,00458 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Zirconium (Zr) | [7440-67-7] | 0,022 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Silver (Ag) | [7440-22-4] | 0,000302 | % | Neutron ac tivation a nalyzes |
| Indicative value | Iron (Fe) | [7439-89-6] | 5,59 | % | Fusion / X RF |
| Indicative value | SiO ₂ | | 59,5 | % | Fusion / X |

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|------------------|--|-------------|-------|---|------------|
| | | | | | RF |
| Indicative value | Al ₂ O ₃ | | 18,2 | % | Fusion / X |
| | | | | | RF |
| Indicative value | TiO ₂ | | 0,8 | % | Fusion / X |
| | | | | | RF |
| Indicative value | MnO | | 0,07 | % | Fusion / X |
| | | | | | RF |
| Indicative value | CaO | | 2,54 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Phosphorus (P) | [7723-14-0] | 0,032 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Sulfur (S) | [7704-34-9] | 0,033 | % | Fusion / X |
| | | | | | RF |
| Indicative value | MgO | [1309-48-4] | 1,54 | % | Fusion / X |
| | | | | | RF |
| Indicative value | K ₂ O | | 2,5 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Na ₂ O | | 2,655 | % | Fusion / X |
| | | | | | RF |
| Indicative value | Loss on Ignition (L.O.I) (1000 °C) | | 3,93 | % | |