

Gold Ore, CRM, Au values Fire Assay, Aqua regia, Powder

Art. ID GEO-GBMS304-6
Unit 200 g (powder)
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|-------------------|-------------|---------------------|------|-------------------------------------|--------|
| Certified value | Gold (Au) | [7440-57-5] | 0,000458 | % | Fire Assay | |
| Certified value | Gold (Au) | [7440-57-5] | 0,000435 | % | Aqua Regia | |
| Certified value | Silver (Ag) | [7440-22-4] | 0,00061 | % | | |
| Certified value | Copper (Cu) | [7440-50-8] | 0,4241 | % | | |
| Certified value | Lead (Pb) | [7439-92-1] | 0,0351 | % | | |
| Certified value | Zinc (Zn) | [7440-66-6] | 0,1265 | % | | |
| Certified value | Nickel (Ni) | [7440-02-0] | 0,2165 | % | | |
| Certified value | Arsenic (As) | [7440-38-2] | 0,266 | % | | |
| Certified value | Cobalt (Co) | [7440-48-4] | 0,0118 | % | | |
| Certified value | Sulfur (S) | [7704-34-9] | 2,01 | % | | |
| Single analysis only - Not certified | Antimony (Sb) | [7440-36-0] | 0,017413 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Arsenic (As) | [7440-38-2] | 0,267375 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Barium (Ba) | [7440-39-3] | 0,058613 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Bromine (Br) | [7726-95-6] | <0,0001 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cadmium (Cd) | [7440-43-9] | nr | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Cerium (Ce) | [7440-45-1] | 0,005638 | % | Neutron ac tivation a nalyzes | |
| Single analysis only - Not certified | Caesium (Cs) | [7440-46-2] | 0,00031 | % | Neutron ac tivation a nalyzes | |

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|---|-----------------|-------------|-------------|---|-------------------------------------|
| Single analysis only - Not certified | Chromium (Cr) | [7440-47-3] | 0,037213 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Cobalt (Co) | [7440-48-4] | 0,012388 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Europium (Eu) | [7440-53-1] | 0,000117 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Gold (Au) | [7440-57-5] | 0,000442875 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Hafnium (Hf) | [7440-58-6] | 0,000329 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Iridium (Ir) | [7439-88-5] | <0,000002 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Iron (Fe) | [7439-89-6] | 6,5 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Lanthanum (La) | [7439-91-0] | 0,002914 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Lutetium (Lu) | [7439-94-3] | 0,000028 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Molybdenum (Mo) | [7439-98-7] | <0,001 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Nickel (Ni) | [7440-02-0] | nr | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Rubidium (Rb) | [7440-17-7] | 0,008424 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Samarium (Sm) | [7440-19-9] | 0,000459 | % | Neutron ac tivation a |

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|---|----------------|--------------|----------|---|-----------------------------|
| Single analysis only - Not certified | Scandium (Sc) | [7440-20-2] | 0,001601 | % | Neutron activation analyses |
| Single analysis only - Not certified | Selenium (Se) | [7782-49-2] | <0,00035 | % | Neutron activation analyses |
| Single analysis only - Not certified | Sodium (Na) | [7440-23-5] | 1,1 | % | Neutron activation analyses |
| Single analysis only - Not certified | Tantalum (Ta) | [7440-25-7] | <0,0001 | % | Neutron activation analyses |
| Single analysis only - Not certified | Tellurium (Te) | [13494-80-9] | <0,0005 | % | Neutron activation analyses |
| Single analysis only - Not certified | Terbium (Tb) | [7440-27-9] | nr | % | Neutron activation analyses |
| Single analysis only - Not certified | Thorium (Th) | [7440-29-1] | 0,000804 | % | Neutron activation analyses |
| Single analysis only - Not certified | Tin (Sn) | [7440-31-5] | nr | % | Neutron activation analyses |
| Single analysis only - Not certified | Tungsten (W) | [7440-33-7] | 0,002204 | % | Neutron activation analyses |
| Single analysis only - Not certified | Uranium (U) | [7440-61-1] | 0,00053 | % | Neutron activation analyses |
| Single analysis only - Not certified | Ytterbium (Yb) | [7440-64-4] | 0,000185 | % | Neutron activation analyses |
| Single analysis only - Not certified | Zinc (Zn) | [7440-66-6] | 0,12875 | % | Neutron activation analyses |
| Single analysis only - | Zirconium (Zr) | [7440-67-7] | <0,05 | % | Neutron ac |

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|---|--------------------------------|-------------|---------|---|-------------------------------------|
| Not certified | | | | | tivation a nalyzes |
| Single analysis only - Not certified | Calcium (Ca) | [7440-70-2] | 6,91 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Potassium (K) | [7440-09-7] | 1,44 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Silver (Ag) | [7440-22-4] | <0,0005 | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Mercury (Hg) | [7439-97-6] | nr | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Neodymium (Nd) | [7440-00-8] | nr | % | Neutron ac tivation a nalyzes |
| Single analysis only - Not certified | Strontium (Sr) | [7440-24-6] | nr | % | Neutron ac tivation a nalyzes |
| Indicative value | Iron (Fe) | [7439-89-6] | nr | % | Fusion / X RF |
| Indicative value | SiO ₂ | | nr | % | Fusion / X RF |
| Indicative value | Al ₂ O ₃ | | nr | % | Fusion / X RF |
| Indicative value | TiO ₂ | | nr | % | Fusion / X RF |
| Indicative value | MnO | | nr | % | Fusion / X RF |
| Indicative value | CaO | | nr | % | Fusion / X RF |
| Indicative value | Phosphorus (P) | [7723-14-0] | nr | % | Fusion / X RF |
| Indicative value | Sulfur (S) | [7704-34-9] | nr | % | Fusion / X RF |
| Indicative value | MgO | [1309-48-4] | nr | % | Fusion / X RF |

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|------------------|---|----|---|------------------|
| Indicative value | K ₂ O | nr | % | Fusion / X RF |
| Indicative value | Na ₂ O | nr | % | Fusion / X RF |
| Indicative value | Loss on Ignition (L.O.I ,) (1000 °C) | nr | % | Fusion / X RF |