

## **Gold Ore, CRM, Cut-off ore, Au values by Fire Assay and Aqua Regia, Powder**

Art. ID GEO-G318-8  
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]	0,79 ± 0,005	ppm	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,000079 ± 0,0000005	%	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,77 ± 0,013	ppm	Aqua Regia Digest	
Certified value	Gold (Au)	[7440-57-5]	0,000077 ± 0,0000013	%	Aqua Regia Digest	
Indicative Only	Antimony (Sb)	[7440-36-0]	<0,00002	%	Neutron Ac tivation A nalysis	
Indicative Only	Arsenic (As)	[7440-38-2]	0,00013	%	Neutron Ac tivation A nalysis	
Indicative Only	Barium (Ba)	[7440-39-3]	0,0363	%	Neutron Ac tivation A nalysis	
Indicative Only	Bromine (Br)	[7726-95-6]	<0,0002	%	Neutron Ac tivation A nalysis	
Indicative Only	Cadmium (Cd)	[7440-43-9]	<0,001	%	Neutron Ac tivation A nalysis	
Indicative Only	Cerium (Ce)	[7440-45-1]	0,0032	%	Neutron Ac tivation A nalysis	
Indicative Only	Caesium (Cs)	[7440-46-2]	0,0002	%	Neutron Ac tivation A nalysis	
Indicative Only	Chromium (Cr)	[7440-47-3]	0,0105	%	Neutron Ac tivation A nalysis	
Indicative Only	Cobalt (Co)	[7440-48-4]	0,002	%	Neutron Ac	

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Indicative Only	Europium (Eu)	[7440-53-1]	0,0001	%	Neutron Ac tivation A nalysis
Indicative Only	Gold (Au)	[7440-57-5]	0,000078	%	Neutron Ac tivation A nalysis
Indicative Only	Hafnium (Hf)	[7440-58-6]	<0,0005	%	Neutron Ac tivation A nalysis
Indicative Only	Iridium (Ir)	[7439-88-5]	<0,000005	%	Neutron Ac tivation A nalysis
Indicative Only	Iron (Fe)	[7439-89-6]	4,7	%	Neutron Ac tivation A nalysis
Indicative Only	Lanthanum (La)	[7439-91-0]	0,0016	%	Neutron Ac tivation A nalysis
Indicative Only	Lutetium (Lu)	[7439-94-3]	0,00004	%	Neutron Ac tivation A nalysis
Indicative Only	Molybdenum (Mo)	[7439-98-7]	<0,001	%	Neutron Ac tivation A nalysis
Indicative Only	Nickel (Ni)	[7440-02-0]	0,0026	%	Neutron Ac tivation A nalysis
Indicative Only	Rubidium (Rb)	[7440-17-7]	0,0086	%	Neutron Ac tivation A nalysis
Indicative Only	Samarium (Sm)	[7440-19-9]	0,0004	%	Neutron Ac tivation A nalysis
Indicative Only	Scandium (Sc)	[7440-20-2]	0,00172	%	Neutron Ac tivation A nalysis

Indicative Only	Selenium (Se)	[7782-49-2]	<0,001	%	Neutron Activation Analysis
Indicative Only	Sodium (Na)	[7440-23-5]	1,88	%	Neutron Activation Analysis
Indicative Only	Tantalum (Ta)	[7440-25-7]	<0,0002	%	Neutron Activation Analysis
Indicative Only	Tellurium (Te)	[13494-80-9]	<0,002	%	Neutron Activation Analysis
Indicative Only	Terbium (Tb)	[7440-27-9]	0,0002	%	Neutron Activation Analysis
Indicative Only	Thorium (Th)	[7440-29-1]	0,0012	%	Neutron Activation Analysis
Indicative Only	Tin (Sn)	[7440-31-5]	<0,02	%	Neutron Activation Analysis
Indicative Only	Tungsten (W)	[7440-33-7]	<0,0005	%	Neutron Activation Analysis
Indicative Only	Uranium (U)	[7440-61-1]	0,0007	%	Neutron Activation Analysis
Indicative Only	Ytterbium (Yb)	[7440-64-4]	0,00027	%	Neutron Activation Analysis
Indicative Only	Zinc (Zn)	[7440-66-6]	<0,02	%	Neutron Activation Analysis
Indicative Only	Zirconium (Zr)	[7440-67-7]	<0,05	%	Neutron Activation Analysis
Indicative Only	Silver (Ag)	[7440-22-4]	<0,0005	%	Neutron Activation Analysis

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Indicative Only	Iron (Fe)	[7439-89-6]	0,00049	%	Fusion / X RF
Indicative Only	SiO <sub>2</sub>		0,006367	%	Fusion / X RF
Indicative Only	Al <sub>2</sub> O <sub>3</sub>		0,00138	%	Fusion / X RF
Indicative Only	TiO <sub>2</sub>		0,000105	%	Fusion / X RF
Indicative Only	MnO		0,00001	%	Fusion / X RF
Indicative Only	CaO		0,000508	%	Fusion / X RF
Indicative Only	Phosphorus (P)	[7723-14-0]	0,0000051	%	Fusion / X RF
Indicative Only	Sulfur (S)	[7704-34-9]	0,000003	%	Fusion / X RF
Indicative Only	MgO	[1309-48-4]	0,00033	%	Fusion / X RF
Indicative Only	K <sub>2</sub> O		0,000239	%	Fusion / X RF
Indicative Only	Na <sub>2</sub> O		0,000263	%	Fusion / X RF
Indicative Only	LOI1000		0,00006	%	Fusion / X RF