

Gold Reference Material - Oxide mine composite ore

Art. ID GEO-G913-7
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]	0,000231	%	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,000226	%	Aqua Regia	
Single analysis only - Not certified	Antimony (Sb)	[7440-36-0]	0,00781	%	Neutron activation analyses	
Single analysis only - Not certified	Arsenic (As)	[7440-38-2]	0,0081	%	Neutron activation analyses	
Single analysis only - Not certified	Barium (Ba)	[7440-39-3]	0,037	%	Neutron activation analyses	
Single analysis only - Not certified	Bromine (Br)	[7726-95-6]	0,000167	%	Neutron activation analyses	
Single analysis only - Not certified	Cadmium (Cd)	[7440-43-9]	<0,000181	%	Neutron activation analyses	
Single analysis only - Not certified	Cerium (Ce)	[7440-45-1]	0,00437	%	Neutron activation analyses	
Single analysis only - Not certified	Caesium (Cs)	[7440-46-2]	0,000182	%	Neutron activation analyses	
Single analysis only - Not certified	Chromium (Cr)	[7440-47-3]	0,00521	%	Neutron activation analyses	
Single analysis only - Not certified	Cobalt (Co)	[7440-48-4]	0,00124	%	Neutron activation analyses	
Single analysis only - Not certified	Gold (Au)	[7440-57-5]	0,000251	%	Neutron activation analyses	

Single analysis only - Not certified	Hafnium (Hf)	[7440-58-6]	0,00103	%	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]	6,88	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Lanthanum (La)	[7439-91-0]	0,00241	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Lutetium (Lu)	[7439-94-3]	0,000058	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Molybdenum (Mo)	[7439-98-7]	0,00166	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Nickel (Ni)	[7440-02-0]	0,00179	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Rubidium (Rb)	[7440-17-7]	0,0119	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Samarium (Sm)	[7440-19-9]	0,000343	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Scandium (Sc)	[7440-20-2]	0,00131	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Selenium (Se)	[7782-49-2]	<0,000369	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Sodium (Na)	[7440-23-5]	2,12	%	Neutron ac tivation a nalyzes
Single analysis only -	Tantalum (Ta)	[7440-25-7]	0,000174	%	Neutron ac

Not certified					tivation a nalyzes
Single analysis only - Not certified	Terbium (Tb)	[7440-27-9]	0,0000679	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Thorium (Th)	[7440-29-1]	0,00337	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Tungsten (W)	[7440-33-7]	0,000103	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Uranium (U)	[7440-61-1]	0,00102	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Zinc (Zn)	[7440-66-6]	0,0275	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Silver (Ag)	[7440-22-4]	0,000366	%	Neutron ac tivation a nalyzes
Indicative value	Iron (Fe)	[7439-89-6]	6,41	%	Fusion / X RF
Indicative value	SiO ₂		56,78	%	Fusion / X RF
Indicative value	Al ₂ O ₃		18,21	%	Fusion / X RF
Indicative value	TiO ₂		1,01	%	Fusion / X RF
Indicative value	MnO		0,07	%	Fusion / X RF
Indicative value	CaO		2,66	%	Fusion / X RF
Indicative value	Phosphorus (P)	[7723-14-0]	0,039	%	Fusion / X RF
Indicative value	Sulfur (S)	[7704-34-9]	0,33	%	Fusion / X RF
Indicative value	MgO	[1309-48-4]	1,33	%	Fusion / X RF

Indicative value	K ₂ O	2,34	%	Fusion / X RF
Indicative value	Na ₂ O	2,80384	%	Fusion / X RF
Indicative value	Loss on Ignition (L.O.I) (1000 °C)	4,48	%	