

Gold Reference Material - Composite ores - not suitable for AR

Art. ID GEO-G913-5
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]	0,00037	%	Fire Assay	
Not certified	Gold (Au)	[7440-57-5]	~0,000321	%	Aqua Regia	
Single analysis only - Not certified	Antimony (Sb)	[7440-36-0]	0,00969	%	Neutron activation analyses	
Single analysis only - Not certified	Arsenic (As)	[7440-38-2]	0,103	%	Neutron activation analyses	
Single analysis only - Not certified	Barium (Ba)	[7440-39-3]	0,0274	%	Neutron activation analyses	
Single analysis only - Not certified	Bromine (Br)	[7726-95-6]	<0,0000345	%	Neutron activation analyses	
Single analysis only - Not certified	Cadmium (Cd)	[7440-43-9]	<0,000268	%	Neutron activation analyses	
Single analysis only - Not certified	Cerium (Ce)	[7440-45-1]	0,00236	%	Neutron activation analyses	
Single analysis only - Not certified	Caesium (Cs)	[7440-46-2]	0,000341	%	Neutron activation analyses	
Single analysis only - Not certified	Chromium (Cr)	[7440-47-3]	0,225	%	Neutron activation analyses	
Single analysis only - Not certified	Cobalt (Co)	[7440-48-4]	0,00333	%	Neutron activation analyses	
Single analysis only - Not certified	Gold (Au)	[7440-57-5]	0,000358	%	Neutron activation analyses	

Single analysis only - Not certified	Hafnium (Hf)	[7440-58-6]	0,000163	%	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]	6,4	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Lanthanum (La)	[7439-91-0]	0,00154	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Lutetium (Lu)	[7439-94-3]	0,0000424	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Molybdenum (Mo)	[7439-98-7]	0,000652	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Nickel (Ni)	[7440-02-0]	0,0243	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Rubidium (Rb)	[7440-17-7]	0,00846	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Samarium (Sm)	[7440-19-9]	0,000293	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Scandium (Sc)	[7440-20-2]	0,00144	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Selenium (Se)	[7782-49-2]	<0,000555	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Sodium (Na)	[7440-23-5]	1,18	%	Neutron ac tivation a nalyzes
Single analysis only -	Tantalum (Ta)	[7440-25-7]	0,000175	%	Neutron ac

Not certified					tivation a nalyzes
Single analysis only - Not certified	Terbium (Tb)	[7440-27-9]	<0,0000207	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Thorium (Th)	[7440-29-1]	0,000744	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Tungsten (W)	[7440-33-7]	0,00322	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Uranium (U)	[7440-61-1]	0,000387	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Zinc (Zn)	[7440-66-6]	0,0906	%	Neutron ac tivation a nalyzes
Single analysis only - Not certified	Silver (Ag)	[7440-22-4]	<0,000134	%	Neutron ac tivation a nalyzes
Indicative value	Iron (Fe)	[7439-89-6]	6,7	%	Fusion / X RF
Indicative value	SiO ₂		60,15	%	Fusion / X RF
Indicative value	Al ₂ O ₃		11,33	%	Fusion / X RF
Indicative value	TiO ₂		0,582	%	Fusion / X RF
Indicative value	MnO		0,14	%	Fusion / X RF
Indicative value	CaO		3,41	%	Fusion / X RF
Indicative value	Phosphorus (P)	[7723-14-0]	0,042	%	Fusion / X RF
Indicative value	Sulfur (S)	[7704-34-9]	1,12	%	Fusion / X RF
Indicative value	MgO	[1309-48-4]	4,31	%	Fusion / X RF

Indicative value	K ₂ O	1,99	%	Fusion / X RF
Indicative value	Na ₂ O	1,703	%	Fusion / X RF
Indicative value	Loss on Ignition (L.O.I) (1000 °C)	4,73	%	