Labmix24 GmbH
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Germany

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Gold Reference Material - Cut off oxide ore

Art. ID	GEO-G314-10
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Gold (Au)	[7440-57-5]	0,000038	%	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,000038	%	Aqua Regia	
Single analysis only - Not certified	Antimony (Sb)	[7440-36-0]	<0,00001	%	Neutron activation analyses	
Single analysis only - Not certified	Arsenic (As)	[7440-38-2]	<0,0001	%	Neutron activation analyses	
Single analysis only - Not certified	Barium (Ba)	[7440-39-3]	0,058	%	Neutron activation analyses	
Single analysis only - Not certified	Bromine (Br)	[7726-95-6]	0,0001	%	Neutron activation analyses	
Single analysis only - Not certified	Cadmium (Cd)	[7440-43-9]	<0,0005	%	Neutron activation analyses	
Single analysis only - Not certified	Cerium (Ce)	[7440-45-1]	0,0045	%	Neutron activation analyses	
Single analysis only - Not certified	Caesium (Cs)	[7440-46-2]	0,00038	%	Neutron activation analyses	
Single analysis only - Not certified	Chromium (Cr)	[7440-47-3]	0,012	%	Neutron activation analyses	
Single analysis only - Not certified	Cobalt (Co)	[7440-48-4]	0,0028	%	Neutron activation analyses	
Single analysis only - Not certified	Europium (Eu)	[7440-53-1]	0,0002	%	Neutron activation	

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					nalyses
Single analysis only - Not certified	Gold (Au)	[7440-57-5]	0,000044	%	Neutron activation analyses
Single analysis only - Not certified	Hafnium (Hf)	[7440-58-6]	0,0005	%	Neutron activation analyses
Single analysis only - Not certified	Iridium (Ir)	[7439-88-5]	<0,000005	%	Neutron activation analyses
Single analysis only - Not certified	Iron (Fe)	[7439-89-6]	5,1	%	Neutron activation analyses
Single analysis only - Not certified	Lanthanum (La)	[7439-91-0]	0,0024	%	Neutron activation analyses
Single analysis only - Not certified	Lutetium (Lu)	[7439-94-3]	<0,00002	%	Neutron activation analyses
Single analysis only - Not certified	Molybdenum (Mo)	[7439-98-7]	0,0008	%	Neutron activation analyses
Single analysis only - Not certified	Nickel (Ni)	[7440-02-0]	0,0036	%	Neutron activation analyses
Single analysis only - Not certified	Rubidium (Rb)	[7440-17-7]	0,0013	%	Neutron activation analyses
Single analysis only - Not certified	Samarium (Sm)	[7440-19-9]	0,00051	%	Neutron activation analyses
Single analysis only - Not certified	Scandium (Sc)	[7440-20-2]	0,00186	%	Neutron activation analyses
Single analysis only - Not certified	Selenium (Se)	[7782-49-2]	<0,0005	%	Neutron activation analyses
Single analysis only -	Sodium (Na)	[7440-23-5]	2,57	%	Neutron ac

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Not certified					tivation a nalyses
Single analysis only - Not certified	Tantalum (Ta)	[7440-25-7]	0,00015	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Terbium (Tb)	[7440-27-9]	0,00009	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Thorium (Th)	[7440-29-1]	0,00172	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Tungsten (W)	[7440-33-7]	0,0001	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Uranium (U)	[7440-61-1]	0,00087	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Ytterbium (Yb)	[7440-64-4]	0,0002	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Zinc (Zn)	[7440-66-6]	0,009	%	Neutron ac tivation a nalyses
Single analysis only - Not certified	Silver (Ag)	[7440-22-4]	<0,0002	%	Neutron ac tivation a nalyses
Indicative value	Iron (Fe)	[7439-89-6]	5,08	%	Fusion / X RF
Indicative value	SiO2		61,5	%	Fusion / X RF
Indicative value	Al2O3		14,75	%	Fusion / X RF
Indicative value	TiO2		1	%	Fusion / X RF
Indicative value	MnO		0,11	%	Fusion / X RF
Indicative value	CaO		5,64	%	Fusion / X RF

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Indicative value	Phosphorus (P)	[7723-14-0]	0,057	%	Fusion / X RF
Indicative value	Sulfur (S)	[7704-34-9]	0,044	%	Fusion / X RF
Indicative value	MgO	[1309-48-4]	3,16	%	Fusion / X RF
Indicative value	K2O		2,25	%	Fusion / X RF
Indicative value	Na2O		3,4	%	Fusion / X RF
Indicative value	Loss on Ignition (L.O.I.) (1000 °C)		0,56	%	