

## Andesite, CRM, Powder

Art. ID JA-3  
Unit 20 g (powder)  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Silver (Ag)	[7440-22-4]	0,0000084	%		
	Aluminium (Al)	[7429-90-5]	8,23	%		
	Al <sub>2</sub> O <sub>3</sub>		15,56	%		
	Arsenic (As)	[7440-38-2]	~0,000468	%		
	Gold (Au)	[7440-57-5]	~0,000000095	%		
	Boron (B)	[7440-42-8]	0,00248	%		
	Barium (Ba)	[7440-39-3]	0,0323	%		
	Beryllium (Be)	[7440-41-7]	0,00008	%		
	Bismuth (Bi)	[7440-69-9]	~0,000005	%		
	Carbon (C)	[7440-44-0]	~0,0061	%		
	Calcium (Ca)	[7440-70-2]	4,46	%		
	CaO		6,24	%		
	Cadmium (Cd)	[7440-43-9]	~0,0000089	%		
	Cerium (Ce)	[7440-45-1]	0,00228	%		
	Cobalt (Co)	[7440-48-4]	0,00211	%		
	Chromium (Cr)	[7440-47-3]	0,00662	%		
	Caesium (Cs)	[7440-46-2]	0,000208	%		
	Copper (Cu)	[7440-50-8]	0,00434	%		
	Dysprosium (Dy)	[7429-91-6]	0,000301	%		
	Erbium (Er)	[7440-52-0]	0,000157	%		
	Europium (Eu)	[7440-53-1]	0,000082	%		
	Fluorine (F)	[7782-41-4]	~0,0286	%		
	Iron (Fe)	[7439-89-6]	4,62	%		
	FeO		4,83	%		
	Fe <sub>2</sub> O <sub>3</sub>		1,15	%		
	Total Fe as Fe <sub>2</sub> O <sub>3</sub>		6,6	%		
	Gallium (Ga)	[7440-55-3]	0,00163	%		
	Gadolinium (Gd)	[7440-54-2]	0,000296	%		
	H <sub>2</sub> O		0,11 (-)	%		
	H <sub>2</sub> O+		0,2	%		
	Hafnium (Hf)	[7440-58-6]	0,000342	%		

Mercury (Hg)	[7439-97-6]	~0,00000019	%
Holmium (Ho)	[7440-60-0]	0,000051	%
Iridium (Ir)	[7439-88-5]	~0,0000000014	%
Potassium (K)	[7440-09-7]	1,17	%
K <sub>2</sub> O		1,41	%
Lanthanum (La)	[7439-91-0]	0,000933	%
Lithium (Li)	[7439-93-2]	0,00145	%
Lutetium (Lu)	[7439-94-3]	0,000032	%
Magnesium (Mg)	[7439-95-4]	2,24	%
MgO	[1309-48-4]	3,72	%
Manganese (Mn)	[7439-96-5]	0,081	%
MnO		0,104	%
Molybdenum (Mo)	[7439-98-7]	0,000189	%
Sodium (Na)	[7440-23-5]	2,37	%
Na <sub>2</sub> O		3,19	%
Niobium (Nb)	[7440-03-1]	0,000341	%
Neodymium (Nd)	[7440-00-8]	0,00123	%
Nickel (Ni)	[7440-02-0]	0,00322	%
Phosphorus (P)	[7723-14-0]	0,051	%
P <sub>2</sub> O <sub>5</sub>		0,116	%
Lead (Pb)	[7439-92-1]	0,00077	%
Palladium (Pd)	[7440-05-3]	~0,0000001	%
Praseodymium (Pr)	[7440-10-0]	0,00024	%
Platinum (Pt)	[7440-06-4]	~0,00000017	%
Rubidium (Rb)	[7440-17-7]	0,00367	%
Rhenium (Re)	[7440-15-5]	~0,000000065	%
Sulfur (S)	[7704-34-9]	~0,0214	%
Antimony (Sb)	[7440-36-0]	~0,000032	%
Scandium (Sc)	[7440-20-2]	0,0022	%
Silicon (Si)	[7440-21-3]	29,11	%
SiO <sub>2</sub>		62,27	%
Samarium (Sm)	[7440-19-9]	0,000305	%
Tin (Sn)	[7440-31-5]	~0,000095	%
Strontium (Sr)	[7440-24-6]	0,0287	%
Tantalum (Ta)	[7440-25-7]	0,000027	%
Terbium (Tb)	[7440-27-9]	0,000052	%
Thorium (Th)	[7440-29-1]	0,000325	%
Titanium (Ti)	[7440-32-6]	0,42	%

TiO <sub>2</sub>		0,7	%
Thallium (Tl)	[7440-28-0]	~0,000023	%
Thulium (Tm)	[7440-30-4]	~0,000028	%
Uranium (U)	[7440-61-1]	0,000118	%
Vanadium (V)	[7440-62-2]	0,0169	%
Tungsten (W)	[7440-33-7]	~0,000807	%
Yttrium (Y)	[7440-65-5]	0,00212	%
Ytterbium (Yb)	[7440-64-4]	0,000216	%
Zinc (Zn)	[7440-66-6]	0,00677	%
Zirconium (Zr)	[7440-67-7]	0,0118	%