

## **Andesite, CRM, Powder**

Art. ID JA-1  
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]	~0,0000033	%		
	Aluminium (Al)	[7429-90-5]	8,06	%		
	Al <sub>2</sub> O <sub>3</sub>		15,22	%		
	Arsenic (As)	[7440-38-2]	0,000278	%		
	Gold (Au)	[7440-57-5]	0,000000016	%		
	Boron (B)	[7440-42-8]	0,0021	%		
	Barium (Ba)	[7440-39-3]	0,0311	%		
	Beryllium (Be)	[7440-41-7]	0,00005	%		
	Bismuth (Bi)	[7440-69-9]	~0,00000091	%		
	Carbon (C)	[7440-44-0]	~0,0271	%		
	Calcium (Ca)	[7440-70-2]	4,07	%		
	CaO		5,7	%		
	Cadmium (Cd)	[7440-43-9]	0,000011	%		
	Cerium (Ce)	[7440-45-1]	0,00133	%		
	Chlorine (Cl)	[7782-50-5]	0,0043	%		
	Cobalt (Co)	[7440-48-4]	0,00123	%		
	Chromium (Cr)	[7440-47-3]	0,000783	%		
	Caesium (Cs)	[7440-46-2]	0,000062	%		
	Copper (Cu)	[7440-50-8]	0,0043	%		
	Dysprosium (Dy)	[7429-91-6]	0,000455	%		
	Erbium (Er)	[7440-52-0]	0,000304	%		
	Europium (Eu)	[7440-53-1]	0,00012	%		
	Fluorine (F)	[7782-41-4]	0,0161	%		
	Iron (Fe)	[7439-89-6]	4,95	%		
	FeO		3,98	%		
	Fe <sub>2</sub> O <sub>3</sub>		2,59	%		
	Total Fe as Fe <sub>2</sub> O <sub>3</sub>		7,07	%		
	Gallium (Ga)	[7440-55-3]	0,00167	%		
	Gadolinium (Gd)	[7440-54-2]	0,000436	%		
	Germanium (Ge)	[7440-56-4]	0,000133	%		
	H <sub>2</sub> O		0,30 (-)	%		

H2O+		0,72	%
Hafnium (Hf)	[7440-58-6]	0,000242	%
Mercury (Hg)	[7439-97-6]	~0,00000117	%
Holmium (Ho)	[7440-60-0]	0,000095	%
Iodine (I)	[7553-56-2]	~0,0000015	%
Indium (In)	[7440-74-6]	~0,00000494	%
Iridium (Ir)	[7439-88-5]	~0,00000000028	%
Potassium (K)	[7440-09-7]	0,64	%
K2O		0,77	%
Lanthanum (La)	[7439-91-0]	0,000524	%
Lithium (Li)	[7439-93-2]	0,00108	%
Lutetium (Lu)	[7439-94-3]	0,000047	%
Magnesium (Mg)	[7439-95-4]	0,95	%
MgO	[1309-48-4]	1,57	%
Manganese (Mn)	[7439-96-5]	0,122	%
MnO		0,157	%
Molybdenum (Mo)	[7439-98-7]	0,000159	%
Sodium (Na)	[7440-23-5]	2,85	%
Na2O		3,84	%
Niobium (Nb)	[7440-03-1]	0,000185	%
Neodymium (Nd)	[7440-00-8]	0,00109	%
Nickel (Ni)	[7440-02-0]	~0,000349	%
Phosphorus (P)	[7723-14-0]	0,072	%
P2O5		0,165	%
Lead (Pb)	[7439-92-1]	0,000655	%
Palladium (Pd)	[7440-05-3]	(<0,00000002)	%
Praseodymium (Pr)	[7440-10-0]	0,000171	%
Platinum (Pt)	[7440-06-4]	~0,00000005	%
Rubidium (Rb)	[7440-17-7]	0,00123	%
Rhenium (Re)	[7440-15-5]	~0,000000045	%
Sulfur (S)	[7704-34-9]	0,00216	%
Antimony (Sb)	[7440-36-0]	0,000022	%
Scandium (Sc)	[7440-20-2]	0,00285	%
Selenium (Se)	[7782-49-2]	~0,00000088	%
Silicon (Si)	[7440-21-3]	29,9	%
SiO2		63,97	%
Samarium (Sm)	[7440-19-9]	0,000352	%
Tin (Sn)	[7440-31-5]	~0,000116	%

Strontium (Sr)	[7440-24-6]	0,0263	%
Tantalum (Ta)	[7440-25-7]	0,000013	%
Terbium (Tb)	[7440-27-9]	0,000075	%
Thorium (Th)	[7440-29-1]	0,000082	%
Titanium (Ti)	[7440-32-6]	0,51	%
TiO <sub>2</sub>		0,85	%
Thallium (Tl)	[7440-28-0]	~0,000013	%
Thulium (Tm)	[7440-30-4]	0,000047	%
Uranium (U)	[7440-61-1]	0,000034	%
Vanadium (V)	[7440-62-2]	0,0105	%
Tungsten (W)	[7440-33-7]	~0,000034	%
Yttrium (Y)	[7440-65-5]	0,00306	%
Ytterbium (Yb)	[7440-64-4]	0,000303	%
Zinc (Zn)	[7440-66-6]	0,00909	%
Zirconium (Zr)	[7440-67-7]	0,00883	%