

## **Peridotite, CRM, Powder**

Art. ID JP-1  
Unit 20 g (powder)  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Al <sub>2</sub> O <sub>3</sub>		0,66	%		
	Aluminium (Al)	[7429-90-5]	0,35	%		
	Antimony (Sb)	[7440-36-0]	~0,0000034	%		
	Arsenic (As)	[7440-38-2]	0,000034	%		
	Barium (Ba)	[7440-39-3]	~0,00195	%		
	Beryllium (Be)	[7440-41-7]	(<0,00001)	%		
	Boron (B)	[7440-42-8]	~0,00014	%		
	Cadmium (Cd)	[7440-43-9]	~0,0000011	%		
	Caesium (Cs)	[7440-46-2]	~0,000015	%		
	Calcium (Ca)	[7440-70-2]	0,39	%		
	CaO		0,55	%		
	Carbon (C)	[7440-44-0]	~0,0764	%		
	Cerium (Ce)	[7440-45-1]	~0,000019	%		
	Chlorine (Cl)	[7782-50-5]	~0,0097	%		
	Chromium (Cr)	[7440-47-3]	0,2807	%		
	Cobalt (Co)	[7440-48-4]	0,0116	%		
	Copper (Cu)	[7440-50-8]	0,000672	%		
	Dysprosium (Dy)	[7429-91-6]	~0,0000022	%		
	Erbium (Er)	[7440-52-0]	~0,0000016	%		
	Europium (Eu)	[7440-53-1]	~0,0000004	%		
	Fe <sub>2</sub> O <sub>3</sub>		1,98	%		
	FeO		5,99	%		
	Fluorine (F)	[7782-41-4]	~0,0014	%		
	Gadolinium (Gd)	[7440-54-2]	~0,0000015	%		
	Gallium (Ga)	[7440-55-3]	~0,00007	%		
	Germanium (Ge)	[7440-56-4]	~0,000049	%		
	Gold (Au)	[7440-57-5]	~0,000000023	%		
	H <sub>2</sub> O		~0,44	%		
	H <sub>2</sub> O+		2,39	%		
	Hafnium (Hf)	[7440-58-6]	0,00002	%		
	Holmium (Ho)	[7440-60-0]	~0,0000018	%		

Iridium (Ir)	[7439-88-5]	~0,0002	%
Iron (Fe)	[7439-89-6]	5,85	%
K <sub>2</sub> O		0,003	%
Lanthanum (La)	[7439-91-0]	0,0000084	%
Lead (Pb)	[7439-92-1]	~0,000012	%
Lithium (Li)	[7439-93-2]	~0,000179	%
Lutetium (Lu)	[7439-94-3]	~0,00000044	%
Magnesium (Mg)	[7439-95-4]	26,9	%
Manganese (Mn)	[7439-96-5]	0,094	%
Mercury (Hg)	[7439-97-6]	~0,00000053	%
MgO	[1309-48-4]	44,6	%
MnO		0,121	%
Molybdenum (Mo)	[7439-98-7]	~0,0000087	%
Na <sub>2</sub> O		0,021	%
Neodymium (Nd)	[7440-00-8]	~0,0000072	%
Nickel (Ni)	[7440-02-0]	0,246	%
Niobium (Nb)	[7440-03-1]	0,000148	%
Osmium (Os)	[7440-04-2]	~0,00000079	%
P <sub>2</sub> O <sub>5</sub>		~0,002	%
Palladium (Pd)	[7440-05-3]	~0,00000013	%
Platinum (Pt)	[7440-06-4]	~0,00000049	%
Potassium (K)	[7440-09-7]	0,002	%
Praseodymium (Pr)	[7440-10-0]	~0,000002	%
Rhenium (Re)	[7440-15-5]	~0,0000000015	%
Rubidium (Rb)	[7440-17-7]	~0,00008	%
Ruthenium (Ru)	[7440-18-8]	~0,00000065	%
Samarium (Sm)	[7440-19-9]	0,0000019	%
Scandium (Sc)	[7440-20-2]	0,000724	%
Silicon (Si)	[7440-21-3]	19,81	%
Silver (Ag)	[7440-22-4]	~0,00015	%
SiO <sub>2</sub>		42,38	%
Sodium (Na)	[7440-23-5]	0,02	%
Strontium (Sr)	[7440-24-6]	~0,000332	%
Sulfur (S)	[7704-34-9]	~0,00269	%
Tantalum (Ta)	[7440-25-7]	~0,000002	%
Terbium (Tb)	[7440-27-9]	~0,0000003	%
Thallium (Tl)	[7440-28-0]	~0,0000003	%
Thorium (Th)	[7440-29-1]	0,000019	%

Thulium (Tm)	[7440-30-4]	(<0,0000041)	%
Tin (Sn)	[7440-31-5]	~0,000005	%
TiO <sub>2</sub>		~0,006	%
Total Fe as Fe <sub>2</sub> O <sub>3</sub>		8,37	%
Tungsten (W)	[7440-33-7]	~0,000085	%
Uranium (U)	[7440-61-1]	0,0000036	%
Vanadium (V)	[7440-62-2]	0,00276	%
Ytterbium (Yb)	[7440-64-4]	0,0000022	%
Yttrium (Y)	[7440-65-5]	0,000154	%
Zinc (Zn)	[7440-66-6]	0,00418	%
Zirconium (Zr)	[7440-67-7]	0,000592	%
Na <sub>2</sub> O		0,021	%
Potassium (K)	[7440-09-7]	0,002	%
Niobium (Nb)	[7440-03-1]	0,000148	%
K <sub>2</sub> O		0,003	%
Neodymium (Nd)	[7440-00-8]	~0,0000072	%
Lanthanum (La)	[7439-91-0]	0,0000084	%
Nickel (Ni)	[7440-02-0]	0,246	%
Lithium (Li)	[7439-93-2]	~0,000179	%
Osmium (Os)	[7440-04-2]	~0,00000079	%
Lutetium (Lu)	[7439-94-3]	~0,00000044	%
P <sub>2</sub> O <sub>5</sub>		~0,002	%
Magnesium (Mg)	[7439-95-4]	26,9	%
Lead (Pb)	[7439-92-1]	~0,000012	%
MgO	[1309-48-4]	44,6	%
Palladium (Pd)	[7440-05-3]	~0,00000013	%
Manganese (Mn)	[7439-96-5]	0,094	%
Praseodymium (Pr)	[7440-10-0]	~0,000002	%
MnO		0,121	%
Platinum (Pt)	[7440-06-4]	~0,00000049	%
Molybdenum (Mo)	[7439-98-7]	~0,0000087	%
Rubidium (Rb)	[7440-17-7]	~0,00008	%
Sodium (Na)	[7440-23-5]	0,02	%
Rhenium (Re)	[7440-15-5]	~0,0000000015	%
Na <sub>2</sub> O		0,021	%
Ruthenium (Ru)	[7440-18-8]	~0,00000065	%
Niobium (Nb)	[7440-03-1]	0,000148	%
Sulfur (S)	[7704-34-9]	~0,00269	%

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Osmium (Os)	[7440-04-2]	~0,00000079	%
Silicon (Si)	[7440-21-3]	19,81	%
P2O5		~0,002	%
SiO2		42,38	%
Lead (Pb)	[7439-92-1]	~0,000012	%
Samarium (Sm)	[7440-19-9]	0,0000019	%
Palladium (Pd)	[7440-05-3]	~0,00000013	%
Tin (Sn)	[7440-31-5]	~0,000005	%
Praseodymium (Pr)	[7440-10-0]	~0,000002	%
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Ruthenium (Ru)	[7440-18-8]	~0,00000065	%
TiO2		~0,006	%
Sulfur (S)	[7704-34-9]	~0,00269	%
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Yttrium (Y)	[7440-65-5]	0,000154	%
Tin (Sn)	[7440-31-5]	~0,000005	%
Ytterbium (Yb)	[7440-64-4]	0,0000022	%
Strontium (Sr)	[7440-24-6]	~0,000332	%
Zinc (Zn)	[7440-66-6]	0,00418	%

Tantalum (Ta)	[7440-25-7]	~0,000002	%
Zirconium (Zr)	[7440-67-7]	0,000592	%
Terbium (Tb)	[7440-27-9]	~0,0000003	%
Thorium (Th)	[7440-29-1]	0,000019	%
TiO <sub>2</sub>		~0,006	%
Thallium (Tl)	[7440-28-0]	~0,0000003	%
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