

Li ore, Matrix: pegmatite, Mineralisation Style: pegmatitic

Art. ID OREAS-753-X
Unit on request
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Lithium oxide (Li ₂ O)		2,19	%	Peroxide Fusion ICP	
	Lithium (Li)	[7439-93-2]	1,02	%	Peroxide Fusion ICP	
	Aluminium (Al)	[7429-90-5]	8,57	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,109	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	0,871	%	Peroxide Fusion ICP	
	Potassium (K)	[7440-09-7]	1,95	%	Peroxide Fusion ICP	
	Manganese (Mn)	[7439-96-5]	0,076	%	Peroxide Fusion ICP	
	Phosphorus (P)	[7723-14-0]	0,103	%	Peroxide Fusion ICP	
	Aluminium(III) oxide (Al ₂ O ₃)		16,4	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	0,16	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		1,25	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		2,36	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,1	%	Borate Fusion XRF	
	Sodium oxide (Na ₂ O)	[1313-59-3]	2,96	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P ₂ O ₅)		0,254	%	Borate Fusion XRF	
	Silicon dioxide (SiO ₂)	[7631-86-9]	73,7	%	Borate Fusion XRF	

				ion XRF
Sulphur trioxide (SO ₃)		0,038	%	Borate Fus ion XRF
Loss on Ignition (L.O.I) (1000 °C)		0,481	%	Thermograv imetry
Aluminium (Al)	[7429-90-5]	8,22	%	4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	0,113	%	4-Acid Dig estion
Iron (Fe)	[7439-89-6]	0,839	%	4-Acid Dig estion
Potassium (K)	[7440-09-7]	1,93	%	4-Acid Dig estion
Lithium (Li)	[7439-93-2]	0,985	%	4-Acid Dig estion
Lithium oxide (Li ₂ O)		2,12	%	4-Acid Dig estion
Magnesium (Mg)	[7439-95-4]	0,011	%	4-Acid Dig estion
Manganese (Mn)	[7439-96-5]	0,074	%	4-Acid Dig estion
Sodium (Na)	[7440-23-5]	2,16	%	4-Acid Dig estion
Phosphorus (P)	[7723-14-0]	0,111	%	4-Acid Dig estion
Sulfur (S)	[7704-34-9]	0,014	%	4-Acid Dig estion
Titanium (Ti)	[7440-32-6]	0,004	%	4-Acid Dig estion