

Li ore, Matrix: pegmatite, Mineralisation Style: pegmatitic

Art. ID OREAS-752-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)		1,52	%	Peroxide Fusion ICP	
	Lithium (Li)	[7439-93-2]	0,707	%	Peroxide Fusion ICP	
	Aluminium (Al)	[7429-90-5]	8,51	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,215	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	0,865	%	Peroxide Fusion ICP	
	Potassium (K)	[7440-09-7]	2,1	%	Peroxide Fusion ICP	
	Magnesium (Mg)	[7439-95-4]	0,047	%	Peroxide Fusion ICP	
	Manganese (Mn)	[7439-96-5]	0,081	%	Peroxide Fusion ICP	
	Phosphorus (P)	[7723-14-0]	0,135	%	Peroxide Fusion ICP	
	Silicon (Si)	[7440-21-3]	34,18	%	Peroxide Fusion ICP	
	Aluminium(III) oxide (Al ₂ O ₃)		16,3	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	0,287	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		1,25	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		2,54	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	0,087	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,107	%	Borate Fusion XRF	

					ion XRF
Sodium oxide (Na ₂ O)	[1313-59-3]	3,75	%		Borate Fus ion XRF
Phosphorus(V) oxide (P ₂ O ₅)		0,32	%		Borate Fus ion XRF
Silicon dioxide (SiO ₂)	[7631-86-9]	73,01	%		Borate Fus ion XRF
Sulphur trioxide (SO ₃)		0,101	%		Borate Fus ion XRF
Loss on Ignition (L.O.I.) (1000 °C)		0,681	%		Thermogravimetry
Aluminium (Al)	[7429-90-5]	7,94	%		4-Acid Digestion
Calcium (Ca)	[7440-70-2]	0,199	%		4-Acid Digestion
Iron (Fe)	[7439-89-6]	0,835	%		4-Acid Digestion
Potassium (K)	[7440-09-7]	2,08	%		4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,695	%		4-Acid Digestion
Lithium oxide (Li ₂ O)		1,5	%		4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,044	%		4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,079	%		4-Acid Digestion
Sodium (Na)	[7440-23-5]	2,7	%		4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,14	%		4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,042	%		4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,016	%		4-Acid Digestion