

Li ore, Matrix: pegmatite, Mineralisation Style: pegmatitic

Art. ID OREAS-751-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)		1,01	%	Peroxide Fusion ICP	
	Lithium (Li)	[7439-93-2]	0,468	%	Peroxide Fusion ICP	
	Aluminium (Al)	[7429-90-5]	8,24	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,772	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	1,67	%	Peroxide Fusion ICP	
	Potassium (K)	[7440-09-7]	2,39	%	Peroxide Fusion ICP	
	Magnesium (Mg)	[7439-95-4]	0,293	%	Peroxide Fusion ICP	
	Manganese (Mn)	[7439-96-5]	0,066	%	Peroxide Fusion ICP	
	Phosphorus (P)	[7723-14-0]	0,117	%	Peroxide Fusion ICP	
	Sulfur (S)	[7704-34-9]	0,065	%	Peroxide Fusion ICP	
	Silicon (Si)	[7440-21-3]	33,23	%	Peroxide Fusion ICP	
	Titanium (Ti)	[7440-32-6]	0,141	%	Peroxide Fusion ICP	
	Aluminium(III) oxide (Al ₂ O ₃)		15,88	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	1,06	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		2,4	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		2,92	%	Borate Fusion XRF	

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Magnesium oxide (MgO)	[1309-48-4]	0,507	%		Borate Fus ion XRF
Manganese oxide (MnO)		0,089	%		Borate Fus ion XRF
Sodium oxide (Na ₂ O)	[1313-59-3]	3,42	%		Borate Fus ion XRF
Phosphorus(V) oxide (P ₂ O ₅)		0,28	%		Borate Fus ion XRF
Silicon dioxide (SiO ₂)	[7631-86-9]	71,43	%		Borate Fus ion XRF
Sulphur trioxide (SO ₃)		0,155	%		Borate Fus ion XRF
Titanium dioxide (TiO ₂)	[13463-67-7]	0,243	%		Borate Fus ion XRF
Loss on Ignition (L.O.I.) (1000 °C)		0,696	%		Thermogravimetry
Aluminium (Al)	[7429-90-5]	8,01	%		4-Acid Digestion
Calcium (Ca)	[7440-70-2]	0,742	%		4-Acid Digestion
Iron (Fe)	[7439-89-6]	1,62	%		4-Acid Digestion
Potassium (K)	[7440-09-7]	2,41	%		4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,463	%		4-Acid Digestion
Lithium oxide (Li ₂ O)		0,998	%		4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,287	%		4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,065	%		4-Acid Digestion
Sodium (Na)	[7440-23-5]	2,47	%		4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,124	%		4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,06	%		4-Acid Digestion

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Titanium (Ti)

[7440-32-6]

0,144

%

4-Acid Dig

estion