

Li ore, Matrix: pegmatite, Mineralisation Style: pegmatitic

Art. ID OREAS-147-X
Unit on request
Deliverydetails No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Lithium oxide (Li ₂ O)		0,488	%	Peroxide Fusion ICP	
	Lithium (Li)	[7439-93-2]	0,227	%	Peroxide Fusion ICP	
	Niobium (Nb)	[7440-03-1]	0,115	%	Peroxide Fusion ICP	
	Aluminium (Al)	[7429-90-5]	5,04	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	1,12	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	3,27	%	Peroxide Fusion ICP	
	Potassium (K)	[7440-09-7]	1,64	%	Peroxide Fusion ICP	
	Magnesium (Mg)	[7439-95-4]	0,549	%	Peroxide Fusion ICP	
	Manganese (Mn)	[7439-96-5]	0,039	%	Peroxide Fusion ICP	
	Phosphorus (P)	[7723-14-0]	0,156	%	Peroxide Fusion ICP	
	Silicon (Si)	[7440-21-3]	35,58	%	Peroxide Fusion ICP	
	Titanium (Ti)	[7440-32-6]	0,483	%	Peroxide Fusion ICP	
	Aluminium(III) oxide (Al ₂ O ₃)		9,48	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	1,56	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		4,67	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		1,97	%	Borate Fusion XRF	

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Magnesium oxide (MgO)	[1309-48-4]	0,945	%		Borate Fus ion XRF
Manganese oxide (MnO)		0,051	%		Borate Fus ion XRF
Sodium oxide (Na ₂ O)	[1313-59-3]	1,31	%		Borate Fus ion XRF
Niobium(V) oxide (Nb ₂ O ₅)		0,169	%		Borate Fus ion XRF
Phosphorus(V) oxide (P ₂ O ₅)		0,368	%		Borate Fus ion XRF
Silicon dioxide (SiO ₂)	[7631-86-9]	76,34	%		Borate Fus ion XRF
Sulphur trioxide (SO ₃)		0,067	%		Borate Fus ion XRF
Titanium dioxide (TiO ₂)	[13463-67-7]	0,808	%		Borate Fus ion XRF
Loss on Ignition (L.O.I.) (1000 °C)		0,919	%		Thermogravimetry
Aluminium (Al)	[7429-90-5]	4,9	%		4-Acid Digestion
Calcium (Ca)	[7440-70-2]	1,09	%		4-Acid Digestion
Iron (Fe)	[7439-89-6]	3,23	%		4-Acid Digestion
Potassium (K)	[7440-09-7]	1,6	%		4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,226	%		4-Acid Digestion
Lithium oxide (Li ₂ O)		0,487	%		4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,535	%		4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,039	%		4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,948	%		4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,111	%		4-Acid Digestion

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Phosphorus (P)	[7723-14-0]	0,155	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	0,03	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,47	%	4-Acid Dig	estion