

Li ore, Matrix: pegmatite, Mineralisation Style: pegmatitic

Art. ID OREAS-149-X
Unit on request
Deliverydetails No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Lithium oxide (Li ₂ O)		2,21	%	Peroxide Fusion ICP	
	Lithium (Li)	[7439-93-2]	1,03	%	Peroxide Fusion ICP	
	Niobium (Nb)	[7440-03-1]	0,626	%	Peroxide Fusion ICP	
	Aluminium (Al)	[7429-90-5]	7,89	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	1,06	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	4,3	%	Peroxide Fusion ICP	
	Potassium (K)	[7440-09-7]	1,42	%	Peroxide Fusion ICP	
	Manganese (Mn)	[7439-96-5]	0,046	%	Peroxide Fusion ICP	
	Phosphorus (P)	[7723-14-0]	0,107	%	Peroxide Fusion ICP	
	Silicon (Si)	[7440-21-3]	31,39	%	Peroxide Fusion ICP	
	Tin (Sn)	[7440-31-5]	0,329	%	Peroxide Fusion ICP	
	Titanium (Ti)	[7440-32-6]	0,374	%	Peroxide Fusion ICP	
	Aluminium(III) oxide (Al ₂ O ₃)		14,98	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	1,47	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		6,13	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		1,7	%	Borate Fusion XRF	

				ion XRF
Magnesium oxide (MgO)	[1309-48-4]	0,953	%	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)		0,915	%	Borate Fus
				ion XRF
Phosphorus(V) oxide (P ₂ O ₅)		0,243	%	Borate Fus
				ion XRF
Silicon dioxide (SiO ₂)	[7631-86-9]	66,8	%	Borate Fus
				ion XRF
Tin (Sn)	[7440-31-5]	0,337	%	Borate Fus
				ion XRF
Sulphur trioxide (SO ₃)		0,084	%	Borate Fus
				ion XRF
Titanium dioxide (TiO ₂)	[13463-67-7]	0,627	%	Borate Fus
				ion XRF
Loss on Ignition (L.O.I.) (1000 °C)		1,31	%	Thermogravimetry
Aluminium (Al)	[7429-90-5]	7,47	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	1,04	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	4,17	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	1,38	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,993	%	4-Acid Digestion
Lithium oxide (Li ₂ O)		2,14	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,533	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,045	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,932	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,631	%	4-Acid Digestion

					estion
Phosphorus (P)	[7723-14-0]	0,096	%		4-Acid Dig
					estion
Titanium (Ti)	[7440-32-6]	0,356	%		4-Acid Dig
					estion