

18.06.2018 20064505/10

Pharma Investi De Chile S.A.
R.U.T. 94.544.000-7
Av. Andres Bello 1495
SANTIAGO
CHILE

Certificate of Analysis

Product : LITHIUM CARBONATE PH.EUR.
PACKING: 80 LITRES FIBRE DRUM(50KG)
Product number : 401104106 Customer material no. : 010-001-01200
Order number/item : 20064505/10
Customer order no. : PC00028779-3
Quantity : 500,000 KG
Remarks : Production plant: Langelsheim, Germany

Batch 0000001980

Test	Unit	Result	Specification	
			min.	max.
Assay Li ₂ CO ₃	%	99,7	99,1	
Loss on drying / 200°C	%	0,02		0,10
Na	%	< 0,001		0,010
K	%	< 0,001		0,005
Mg	%	< 0,001		0,003
Ca	%	0,006		0,020
Ba	%	< 0,001		0,003
Al	%	< 0,001		0,002
Fe	%	< 0,001		0,002
Heavy metals as Pb	mg/kg	< 20		20
As	mg/kg	< 2		2
Chloride	%	< 0,001		0,005
Sulfate	%	< 0,002		0,020
HCl-insoluble matter	%	< 0,005		0,005
Bulk density	g/cm ³	0,41	0,35	0,64
Identity Li by PharmEurop (A)		conforms	in Ordnung/ OK	
Identity Li ₂ CO ₃ by PharmEurop (B)		conforms	in Ordnung/ OK	
Identity CO ₃ by PharmEurop (C)		conforms	in Ordnung/ OK	
Appearance salt sol. PharmEurop		clear	klar/ clear	
Color of salt sol. PharmEurop		colorless	farblos/ colorless	

Certified:

The analysis values stated above were measured in samples taken out of the production batch delivered to you. The conveyance of these results neither contains any agreement on specifications or any guarantee of specifications nor does it release you from your obligation to control the goods for your own processes and purposes. Our liability for the quality of these goods as well as for this Certificate of Analysis is stipulated in No. 7 to 9 of our Terms of Sale and Delivery. Being an electronic document, this Certificate of Analysis is valid without signature.

Certified according to DIN EN ISO 9001