

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Lithium Chloride Anhydrous 99 % AR

Catalog Number : O-5243

Batch Number : 5243-00000000

CAS Number : 7447-41-8

Molecular Weight : 42,39 g/mol

Mol. Formula : LiCl

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay	min 99.0 %	99.59%
3	Insoluble matter	max 0.01 %	0.0042%
4	Loss on drying (at 105 °C)	max 1 %	0.42%
5	Titration base	max 0.008 meq/g	0.001 meq/g
6	Barium (Ba)	max 0.003 %	0.00012%
7	Calcium (Ca)	max 0.01 %	0.003%
8	Heavy metals (as Pb)	max 0.002 %	0.00020%
9	Iron (Fe)	max 0.001 %	0.00046%
10	Nitrate (NO ₃)	max 0.001 %	0.0003%
11	Potassium (K)	max 0.01 %	0.005%
12	Sodium (Na)	max 0.2 %	0.05%
13	Sulphate (SO ₄)	max 0.01 %	0.006%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC