

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-12 10:53:17
 Date of Next Testing: 2029-05-11 10:53:17
 Product Name: **Lithium chloride**
 CAS Number: 7447-41-8
 Specifications & Purity: ACS, ≥99%
 Lot #: D2529166
 SKU #: **L116328**
 Version: **1**
 Analysis #: **483808**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.40190 %
Insoluble matter(c = 6.67%; H ₂ O)	0-0.01 (%)	0.00000 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.92000 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00400 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.2 (%)	0.12000 %
Barium(Ba)	0-0.003 (%)	0.00000 %
Titration Base	0-0.008 (mmol/g)	0.00000 mmol/g
Potassium(K)	0-0.01 (%)	0.01000 %
Appearance (L116328)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager