

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-12 11:23:00  
 Date of Next Testing: 2029-05-11 11:23:00  
 Product Name: **Lithium chloride**  
 CAS Number: 7447-41-8  
 Specifications & Purity: ACS, ≥99%  
 Lot #: D2529190  
 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 <sub>2</sub> O)	0-0.01 (%)	0.00000 %
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	99.92000 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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