

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-15 16:06:39  
Date of Next Testing: 2026-01-14 16:06:39  
Product Name: **Lithium chloride**  
CAS Number: 7447-41-8  
Specifications & Purity: ACS reagent, ≥99%  
Lot #: A2214546  
SKU #: **L116328**  
**Analysis:** **064096**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.70 %
Insoluble matter(c = 6.67%; H2O)	0-0.01 (%)	0.00 %
Purity(Titration by AgNO3)	99-100 (%)	99.51 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
(NO3)Nitrate	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.2 (%)	0.02 %
Barium(Ba)	0-0.003 (%)	0.00 %
Titration Base	0-0.008 (mmol/g)	0.00 mmol/g
Potassium(K)	0-0.01 (%)	0.01 %
Appearance (L116328)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager