

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-26 11:53:30
Date of Next Testing: 2028-08-25 11:53:30
Product Name: **Lithium chloride**
CAS Number: 7447-41-8
Specifications & Purity: ACS reagent, $\geq 99\%$
Lot #: H2420344
SKU #: **L116328**
Version: **1**
Analysis #: **380746**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.43 %
Insoluble matter(c = 6.67%; H ₂ O)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
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
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	98.85 %
Appearance (L116328)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager