

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-08-01 16:31:09
Date of Next Testing:	2028-07-31 16:31:09
Product Name:	<b>Lithium chloride</b>
CAS Number:	7447-41-8
Specifications & Purity:	ACS reagent, ≥99%
Lot #:	G2419063
SKU #	<b>L116328</b>
Version	<b>1</b>
Analysis #:	<b>395277</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.74 %
Insoluble matter(c = 6.67%; H2O)	0-0.01 (%)	0.00 %
Purity(Titration by AgNO3)	98.5-101.5 (%)	99.35 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
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)	0.01 mmol/g
Appearance (L116328)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager