

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-05-15 09:47:21
Date of Next Testing: 2028-05-14 09:47:21
Product Name: **Lithium chloride**
CAS Number: 7447-41-8
Specifications & Purity: ACS reagent, ≥99%
Lot #: D2425391
SKU #: **L116328**
Analysis: **342865**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.73790 %
Insoluble matter(c = 6.67%; H ₂ O)	0-0.01 (%)	0.00000 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00002 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.2 (%)	0.02200 %
Barium(Ba)	0-0.003 (%)	0.00000 %
Titration Base	0-0.008 (mmol/g)	0.00000 mmol/g
Purity(Titration by AgNO ₃)	99-100 (%)	99.35000 %
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