

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-17 14:39:04  
 Date of Next Testing: 2027-08-16 14:39:04  
 Product Name: **Lithium chloride monohydrate**  
 CAS Number: 85144-11-2  
 Specifications & Purity: Analytical Reagent, 97.0%  
 Lot #: H2307538  
 SKU #: **L105188**  
**Analysis:** **265122**  
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Potassium(K)	0-0.03 (%)	0.01 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Ammonia (NH4)	0-0.002 (%)	0.00 %
(NO3)Nitrate	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Barium(Ba)	0-0.005 (%)	0.00 %
Phosphate(PO4)	0-0.01 (%)	0.01 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.03 (%)	0.01 %
Purity(Titration by AgNO3)	96.5-102.5 (%)	99.98 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Appearance (L105188)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager