

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-28 11:54:21
 Date of Next Testing: 2029-11-27 11:54:21
 Product Name: **Lithium chloride monohydrate**
 CAS Number: 85144-11-2
 Specifications & Purity: AR, ≥97%
 Lot #: K2521017
 SKU #: **L105188**
 Version: **0**
 Analysis #: **265122**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Potassium(K)	0-0.03 (%)	0.01500 %
Magnesium(Mg)	0-0.002 (%)	0.00100 %
Ammonia (NH4)	0-0.002 (%)	0.00100 %
(NO3)Nitrate	0-0.002 (%)	0.00150 %
Sulfate(SO42-)	0-0.01 (%)	0.00500 %
Heavy metal (as Pb)	0-0.001 (%)	0.00063 %
Barium(Ba)	0-0.005 (%)	0.00220 %
Phosphate(PO4)	0-0.01 (%)	0.00500 %
Calcium(Ca)	0-0.005 (%)	0.00300 %
Sodium(Na)	0-0.03 (%)	0.01000 %
Purity(Titration by AgNO3)	96.5-102.5 (%)	99.97550 %
Insoluble matter in H2O	0-0.005 (%)	0.00200 %
Iron(Fe)	0-0.001 (%)	0.00060 %
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".

John Su
QA & QC Manager