

Certificate of Analysis

Date of Testing: 2022-07-22 17:16:26
 Date of Next Testing: 2026-07-21 17:16:26
 Product Name: **Lithium chloride monohydrate**
 CAS Number: 85144-11-2
 Specifications & Purity: Analytical Reagent, 97.0%
 Lot #: 11818132
 SKU #: **L105188**
Analysis: **116767**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Potassium(K)	0-0.03 (%)	0.01 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Ammonia (NH ₄)	0-0.002 (%)	0.00 %
(NO ₃)Nitrate	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Barium(Ba)	0-0.005 (%)	0.00 %
Phosphate(PO ₄)	0-0.01 (%)	0.01 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.03 (%)	0.03 %
Purity(Titration by AgNO ₃)	96.5-102.5 (%)	98.01 %
Insoluble matter in H ₂ O	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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager