

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 14:05:47
 Date of Next Testing: 2029-12-22 14:05:47
 Product Name: **Lithium hydroxide monohydrate**
 CAS Number: 1310-66-3
 Specifications & Purity: AR, ≥98%
 Lot #: L2518055
 SKU #: **L104907**
 Version: **2**
 Analysis #: **163654**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
lithium carbonate (Li ₂ CO ₃)	0-2 (%)	1.20000 %
LiOH(Titration by HCL)	55.6-58.5 (%)	56.70000 %
Purity(Titration by HCl)	97.5-102.5 (%)	100.49000 %
Chloride	0-0.005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.00000 %
Insoluble matter in hydrochloric	0-0.005 (%)	0.00000 %
Sodium(Na)	0-0.05 (%)	0.00820 %
Magnesium(Mg)	0-0.01 (%)	0.00000 %
Potassium(K)	0-0.05 (%)	0.00300 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00007 %
Clarity test (#)	0-4	4.00000
Appearance (L104907)	White crystals	White crystals
ICP Assay	Confirmed to structure	Confirmed to structure
Infrared spectrum	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