

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 16:42:40

Date of Next Testing: 2028-11-12 16:42:40

Product Name: **Lithium hydroxide**

CAS Number: 1310-65-2

Specifications & Purity: Suitable for Analysis,Premium pure,≥98%

Lot #: K2512393

SKU #: **L431772**

Version: **1**

Analysis #: **602172**

Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
Purity(Titration by HCl)	97.5-102.5 (%)	99.79000 %
Carbonate Content (as Li ₂ CO ₃)	≤ 2 (%)	0.72000 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Potassium(K)	0-0.02 (%)	0.00200 %
Sodium(Na)	0-0.05 (%)	0.01130 %
Chloride (Cl-)	0-0.05 (%)	0.00080 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager