

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-23 11:52:22  
Date of Next Testing: 2029-05-22 11:52:22  
Product Name: **Lithium hydroxide monohydrate**  
CAS Number: 1310-66-3  
Specifications & Purity: ≥99%, BioXtra, titration  
Lot #: E2612022  
SKU #: **L431776**  
Version: **1**  
Analysis #: **392037**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.00030 %
Chloride (Cl-)	0-0.05 (%)	0.02100 %
Sulfate(SO4)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00001 %
Phosphorus (P)	0-0.0005 (%)	0.00004 %
Lead(Pb)	0-0.001 (%)	0.00001 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00022 %
Zinc(Zn)	0-0.0005 (%)	0.00030 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00550 %
Potassium(K)	0-0.005 (%)	0.00100 %
Ammonia (NH4)	0-0.05 (%)	0.00200 %
Purity(Titration by HCl)	98.5-101.5 (%)	100.16000 %
Appearance(L431776)	White Pellets or Powder	White Pellets or Powder
Solubility(1 M,H2O),Colorless Clear to Slightly Hazy	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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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