

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-22 16:29:16
Date of Next Testing:	2028-07-21 16:29:16
Product Name:	<b>Lithium hydroxide monohydrate</b>
CAS Number:	1310-66-3
Specifications & Purity:	Analytical Reagent,98%
Lot #:	G2415156
SKU #	<b>L104907</b>
Version	<b>2</b>
<b>Analysis #:</b>	<b>351341</b>
Storage Temperature:	Argon charged,Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.05 (%)	0.02 %
Magnesium(Mg)	0-0.01 (%)	0.00 %
Potassium(K)	0-0.05 (%)	0.02 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Chloride	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Clarity test (#)	0-4	4.00
Insoluble matter in hydrochloric	0-0.005 (%)	0.00 %
Purity(Titration by HCl)	97.5-102.5 (%)	102.41 %
LiOH(Titration by HCL)	55.6-58.5 (%)	58.12 %
lithium carbonate (Li2CO3)	0-2 (%)	1.50 %
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