

Certificate of Analysis

Date of Testing: 2022-08-23 14:22:05
 Date of Next Testing: 2026-08-22 14:22:05
 Product Name: **Lithium hydroxide monohydrate**
 CAS Number: 1310-66-3
 Specifications & Purity: Analytical Reagent,98%
 Lot #: H2217406
 SKU #: **L104907**
Analysis: **099544**
 Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
lithium carbonate (Li ₂ CO ₃)	0-2 (%)	1.20%
LiOH(Titration by HCL)	55.6-58.5 (%)	57.33%
Purity(Titration by HCl)	97.5-102.5 (%)	99.81%
Chloride	0-0.005 (%)	0.01%
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.02%
Insiluble matter in hydrochloric	0-0.005 (%)	0.00%
Sodium(Na)	0-0.05 (%)	0.00%
Magnesium(Mg)	0-0.01 (%)	0.00%
Potassium(K)	0-0.05 (%)	0.01%
Calcium(Ca)	0-0.01 (%)	0.00%
Iron(Fe)	0-0.002 (%)	0.00%
Clarity test (#)	0-4	4.00
Appearance (L104907)	White crystals	White crystals
ICP Assay	Confirmed to structure	Confirmed to structure
Infrared spectrum	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