

Certificate of Analysis

Date of Testing: 2023-02-16 09:23:42
Date of Next Testing: 2027-02-15 09:23:42
Product Name: **Lithium hydroxide monohydrate**
CAS Number: 1310-66-3
Specifications & Purity: Analytical Reagent,98%
Lot #: B2307646
SKU #: **L104907**
Analysis: 163654
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 (%)	56.70 %
Purity(Titration by HCl)	97.5-102.5 (%)	100.49 %
Chloride	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.00 %
Insiluble matter in hydrochloric	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.01 %
Magnesium(Mg)	0-0.01 (%)	0.00 %
Potassium(K)	0-0.05 (%)	0.00 %
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

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager