

Certificate of Analysis

Date of Testing:	2024-07-23 09:40:48
Date of Next Testing:	2027-07-23 09:40:48
Product Name:	Lithium hydroxide monohydrate
CAS Number:	1310-66-3
Specifications & Purity:	≥99%, BioXtra, titration
Lot #:	G2417078
SKU #	L431776
Version	1
Analysis #:	392037
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.00 %
Chloride (Cl-)	0-0.05 (%)	0.02 %
Sulfate(SO4)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Potassium(K)	0-0.005 (%)	0.00 %
Ammonia (NH4)	0-0.05 (%)	0.00 %
Purity(Titration by HCl)	98.5-101.5 (%)	100.16 %
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



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

John Su
QA & QC Manager