

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-19 16:32:44
Date of Next Testing: 2026-10-18 16:32:44
Product Name: **Lithium hydroxide monohydrate**
CAS Number: 1310-66-3
Specifications & Purity: 99.98% metals basis
Lot #: J2210553
SKU #: **L104911**
Analysis: 135104
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-200 (ppm)	115.00 ppm
LiOH(Titration by HCL)	54.2-59.9 (%)	57.35 %
Purity(Based on Trace Metals Impurities of ICP)	99.98-100 (%)	99.99 %
Loss on drying	40-45 (%)	42.62 %
Appearance (L104911)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Lithium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager