

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-04 16:25:27

Date of Next Testing: 2029-06-03 16:25:27

Product Name: **Lithium hydroxide monohydrate**

CAS Number: 1310-66-3

Specifications & Purity: $\geq 99.98\%$ metals basis

Lot #: E2522390

SKU #: **L104911**

Version: **0**

Analysis #: **504129**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
LiOH(Titration by HCL)	54.2-59.9 (%)	57.28000 %
Loss on drying	40-45 (%)	42.69000 %
Purity(Based on Trace Metals Impurities of ICP)	99.98-100 (%)	99.99170 %
Total Metallic Impuritie	0-200 (ppm)	83.00000 ppm
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