

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-28 11:52:07

Date of Next Testing: 2027-06-27 11:52:07

Product Name: **Lithium hydroxide monohydrate**

CAS Number: 1310-66-3

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

Lot #: F2316419

SKU #: **L104911**

Version: **0**

Analysis #: **227269**

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

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	17.00000 ppm
LiOH(Titration by HCL)	54.2-59.9 (%)	57.26000 %
Purity(Based on Trace Metals Impurities of ICP)	99.98-100 (%)	99.99830 %
Loss on drying	40-45 (%)	42.86000 %
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