

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-26 17:34:19  
Date of Next Testing: 2027-04-25 17:34:19  
Product Name: **Lithium hydroxide monohydrate**  
CAS Number: 1310-66-3  
Specifications & Purity: 99.98% metals basis  
Lot #: D2323159  
SKU #: **L104911**  
**Analysis:** **206039**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
LiOH(Titration by HCL)	54.2-59.9 (%)	56.96 %
Total Metallic Impuritie	0-200 (ppm)	200.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.98-100 (%)	99.98 %
Loss on drying	40-45 (%)	42.88 %
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