

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 09:44:15
Date of Next Testing: 2029-11-30 09:44:15
Product Name: **Lithium hydroxide monohydrate**
CAS Number: 1310-66-3
Specifications & Purity: $\geq 99.98\%$ metals basis
Lot #: K2524549
SKU #: **L104911**
Version: **0**
Analysis #: **607134**
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Total Metallic Impuritie | 0-200 (ppm) | 101.00000 ppm |
| LiOH(Titration by HCL) | 54.2-59.9 (%) | 57.27000 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99.98-100 (%) | 99.98990 % |
| Loss on drying | 40-45 (%) | 40.65000 % |
| 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