

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 17:08:57
Date of Next Testing: 2029-09-22 17:08:57
Product Name: **Lithium hydroxide monohydrate**
CAS Number: 1310-66-3
Specifications & Purity: $\geq 99.98\%$ metals basis
Lot #: I2519092
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