

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-22 14:44:00

Date of Next Testing: 2029-07-21 14:44:00

Product Name: **Lithium hydroxide , anhydrous**

CAS Number: 1310-65-2

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: G2511499

SKU # **L128662**

Version **0**

**Analysis #:** **517210**

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

| Parameter                              | Limit Values                       | Result                             |
|----------------------------------------|------------------------------------|------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)                       | 99.99330 %                         |
| Loss on drying                         | 0-1 (%)                            | 0.00000 %                          |
| Purity(Titration by HCl)               | 97.5-102.5 (%)                     | 99.62000 %                         |
| Total Metallic Impuritie               | 0-2000 (ppm)                       | 67.00000 ppm                       |
| Appearance (L128662)                   | White Crystals, Powder or Granules | White Crystals, Powder or Granules |
| ICP: Confirms Lithium Component        | Confirmed                          | Confirmed                          |
| X-Ray Diffraction                      | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager