

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 09:43:39
 Date of Next Testing: 2029-11-30 09:43:39
 Product Name: **Lithium hydroxide monohydrate**
 CAS Number: 1310-66-3
 Specifications & Purity: GR, ≥99%(T)
 Lot #: K2524548
 SKU #: **L104913**
 Version: **3**
 Analysis #: **615047**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Silver(Ag)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
(Pb)Lead	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Aluminum(Al)	0-20 (ppm)	10.00000 ppm
Sodium(Na)	0-50 (ppm)	30.14000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-50 (ppm)	10.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-200 (ppm)	90.22500 ppm
Sulfate(SO42-)	0-100 (ppm)	60.00000 ppm
Titanium(Ti)	0-5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
lithium carbonate (Li2CO3)	0-1 (%)	0.56300 %
Chloride (Cl-)	0-50 (ppm)	18.98070 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Purity(Titration by HCl)	98.5-101.5 (%)	99.98990 %
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Appearance(L104913)	White Powder or Crystals or Granules	White powder or crystals or granules



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Parameter

Limit Values

Result

X-Ray Diffraction

Conforms to Structure

Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager