

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-07 13:47:12  
Date of Next Testing: 2026-07-06 13:47:12  
Product Name: **Lithium hydroxide monohydrate**  
CAS Number: 1310-66-3  
Specifications & Purity: Guaranteed Reagent, ≥99.0%(T)  
Lot #: F2225333  
SKU #: **L104913**  
**Analysis:** **107021**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Silver (Ag)	0-5 (ppm)	2.31 ppm
Chromium(Cr)	0-5 (ppm)	4.23 ppm
Molybdenum(Mo)	0-5 (ppm)	2.36 ppm
Magnesium(Mg)	0-5 (ppm)	4.99 ppm
Manganese(Mn)	0-5	3.63
(Pb)Lead	0-5 (ppm)	2.99 ppm
Cobalt(Co)	0-5 (ppm)	2.36 ppm
Aluminum(Al)	0-20 (ppm)	16.33 ppm
Sodium(Na)	0-50 (ppm)	48.23 ppm
Bismuth(Bi)	0-5 (ppm)	4.30 ppm
Copper(Cu)	0-5 (ppm)	3.46 ppm
Strontium(Sr)	0-5 (ppm)	4.19 ppm
Calcium(Ca)	0-50 (ppm)	48.23 ppm
Barium(Ba)	0-5 (ppm)	4.30 ppm
Potassium(K)	0-200 (ppm)	180.23 ppm
Sulfate(SO42-)	0-100 (ppm)	99.23 ppm
Titanium(Ti)	0-5 (ppm)	4.23 ppm
Cadmium(Cd)	0-5 (ppm)	3.26 ppm
lithium carbonate (Li2CO3)	0-1 (%)	0.99 %
Chloride (Cl-)	0-50 (ppm)	46.33 ppm
Iron(Fe)	0-5 (ppm)	3.69 ppm
Nickel(Ni)	0-5 (ppm)	4.08 ppm
Zinc(Zn)	0-5 (ppm)	4.30 ppm



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

John Su  
QA & QC Manager