

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-20 15:23:11  
 Date of Next Testing: 2029-03-19 15:23:11  
 Product Name: **Lithium carbonate**  
 CAS Number: 554-13-2  
 Specifications & Purity: battery grade, ≥99.5%  
 Lot #: C2619346  
 SKU #: **L1455823**  
 Version: **1**  
 Analysis #: **672734**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle Size (d10)	≥1 (um)	1.88000 μm
Particle size(D50)	3-8 (μm)	5.10000 μm
Particle size(D90)	9-15 (μm)	11.76000 μm
Dmax	≤ 40 (μm)	27.14000 μm
Nickel(Ni)	0-0.0005 (%)	0.00010 %
Copper(Cu)	0-0.0003 (%)	0.00010 %
Iron(Fe)	0-0.001 (%)	0.00010 %
Manganese(Mn)	0-0.0003 (%)	0.00010 %
Calcium(Ca)	0-0.005 (%)	0.00010 %
Magnesium(Mg)	0-0.005 (%)	0.00010 %
Lead(Pb)	0-0.0003 (%)	0.00010 %
Zinc(Zn)	0-0.0003 (%)	0.00010 %
Sodium(Na)	0-0.02 (%)	0.00100 %
Aluminum(Al)	0-0.001 (%)	0.00010 %
Chloride (Cl-)	0-0.005 (%)	0.00100 %
Sulfate(SO42-)	0-0.07 (%)	0.02100 %
Fluoride (F-)	0-0.015 (%)	0.00740 %
Potassium(K)	0-0.005 (%)	0.00100 %
Boron(B)	≤0.003 (%)	0.00010 %
Silicon(Si)	≤0.003 (%)	0.00010 %
Water by Karl Fischer	0-0.25 (%)	0.13000 %
loss on Ignition	0-0.5 (%)	0.09000 %
Magnetism	0-300 (ppb)	19.00000 ppb
Purity(Li2CO3)	≥99.5 (%)	99.86000 %



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager