

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-11 18:48:49

Date of Next Testing: 2028-09-10 18:48:49

Product Name: **Lithium carbonate**

CAS Number: 554-13-2

Specifications & Purity: battery grade, ≥99.5%

Lot #: I2508717

SKU #: **L1455823**

Version: **1**

Analysis #: **566143**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Li ₂ CO ₃)	≥99.5 (%)	99.69000 %
Particle Size (d10)	≥1 (μm)	1.94000 μm
Particle size(D50)	3-8 (μm)	5.24000 μm
Particle size(D90)	9-15 (μm)	12.04000 μm
Dmax	≤ 40 (μm)	27.20000 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 (%)	0.00030 %
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 (%)	0.00010 %
Aluminum(Al)	0-0.001 (%)	0.00010 %
Chloride (Cl-)	0-0.005 (%)	0.00100 %
Sulfate(SO ₄ ²⁻)	0-0.07 (%)	0.00100 %
Fluoride (F-)	0-0.015 (%)	0.00540 %
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 (%)	0.14000 %
loss on Ignition	0-0.5 (%)	0.06000 %
Magnetism	0-300 (ppb)	12.00000 ppb



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

John Su
QA & QC Manager