

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-19 09:09:57

Date of Next Testing: 2026-05-18 09:09:57

Product Name: **Lithium carbonate**

CAS Number: 554-13-2

Specifications & Purity: ACS, ≥99.0%

Lot #: E2217169

SKU #: **L101681****Analysis: 090271**

Parameter	Limit Values	Result
Iron(Fe)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
(NO3)Nitrate	0-5 (ppm)	3.30 ppm
Chloride (Cl-)	0-0.005 (%)	0.00 %
Purity(Titration by HCl)	99-101 (%)	99.79 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.08 %
Sulfate(SO42-)	0-0.2 (%)	0.14 %
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.01 %
Appearance (L101681)	white powder or solid	white powder or solid
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager