

## Certificate of Analysis

Date of Testing: 2024-07-22 14:20:47  
Date of Next Testing: 2028-07-21 14:20:47  
Product Name: **Lithium carbonate**  
CAS Number: 554-13-2  
Specifications & Purity: 99.99% metals basis  
Lot #: G2412037  
SKU #: **L101684**  
Version: **0**  
Analysis #: **365449**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Sodium(Na)	0-0.1 (%)	0.02 %
(NO <sub>3</sub> )Nitrate	0-5 (ppm)	2.00 ppm
Iron(Fe)	0-0.002 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.2 (%)	0.02 %
Potassium(K)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Total Metallic Impuritie	0-200 (ppm)	20.00 ppm
Purity(Titration by HCl)	98.5-101.5 (%)	99.84 %
Chloride Content	0-0.005 (%)	0.00 %
Insoluble matter	0-0.01 (%)	0.00 %
Appearance (L101684)	white powder	White powder
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager