

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-24 13:35:16
Date of Next Testing: 2029-06-23 13:35:16
Product Name: **Lithium carbonate**
CAS Number: 554-13-2
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
Lot #: F2519247
SKU #: **L101684**
Version: **0**
Analysis #: **533736**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-0.002 (%) | 0.00000 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%) | 99.99820 % |
| Sodium(Na) | 0-0.1 (%) | 0.00500 % |
| (NO3)Nitrate | 0-5 (ppm) | 2.00000 ppm |
| Iron(Fe) | 0-0.002 (%) | 0.00000 % |
| Sulfate(SO42-) | 0-0.2 (%) | 0.00150 % |
| Potassium(K) | 0-0.01 (%) | 0.00000 % |
| Calcium(Ca) | 0-0.01 (%) | 0.00000 % |
| Total Metallic Impuritie | 0-200 (ppm) | 18.00000 ppm |
| Purity(Titration by HCl) | 98.5-101.5 (%) | 99.01000 % |
| Chloride Content | 0-0.005 (%) | 0.00000 % |
| Insoluble matter | 0-0.01 (%) | 0.00000 % |
| Appearance (L101684) | white powder | White powder |
| ICP: Confirms Lithium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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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