

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 16:42:11
Date of Next Testing: 2027-01-10 16:42:11
Product Name: **Lithium carbonate**
CAS Number: 554-13-2
Specifications & Purity: 99.99% metals basis
Lot #: A2305393
SKU #: **L101684**
Analysis: **178060**

| 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 (%) | 0.00 % |
| (NO3)Nitrate | 0-5 (ppm) | 2.10 ppm |
| Iron(Fe) | 0-0.002 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.2 (%) | 0.01 % |
| 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 (%) | 100.99 % |
| 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 |



John Su
QA & QC Manager