

## Certificate of Analysis

Date of Testing:	2024-06-06 09:42:03
Date of Next Testing:	2028-06-05 09:42:03
Product Name:	<b>Lithium carbonate</b>
CAS Number:	554-13-2
Specifications & Purity:	99.99% metals basis
Lot #:	F2404342
SKU #	<b>L101684</b>
Version	<b>0</b>
Analysis #:	<b>365449</b>

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 %
(NO3)Nitrate	0-5 (ppm)	2.00 ppm
Iron(Fe)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	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

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

John Su  
QA & QC Manager