

## Certificate of Analysis

Date of Testing: 2024-11-13 10:15:06  
Date of Next Testing: 2028-11-12 10:15:06  
Product Name: **Lithium carbonate**  
CAS Number: 554-13-2  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: K2407558  
SKU #: **L101684**  
Version: **0**  
Analysis #: **436069**

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)	2.00 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)	0.00 ppm
Purity(Titration by HCl)	98.5-101.5 (%)	99.52 %
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



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

John Su  
QA & QC Manager