

## Certificate of Analysis

Date of Testing: 2022-12-07 19:00:15  
Date of Next Testing: 2026-12-06 19:00:15  
Product Name: **Lithium carbonate**  
CAS Number: 554-13-2  
Specifications & Purity: reagent grade, ≥99.0%  
Lot #: L2202593  
SKU #: **L101679**  
Analysis: **164273**

Parameter	Limit Values	Result
Chloride (Cl <sup>-</sup> )	0-200 (ppm)	15.00 ppm
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Sodium(Na)	0-1000 (ppm)	132.00 ppm
Purity(Neutralization titration)	99-101 (%)	99.72 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-3000 (ppm)	1720.00 ppm
Magnesium(Mg)	0-100 (ppm)	60.00 ppm
Iron(Fe)	0-30 (ppm)	0.00 ppm
Potassium(K)	0-300 (ppm)	43.00 ppm
Calcium(Ca)	0-300 (ppm)	24.00 ppm
Appearance (L101679)	white powder	White powder
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager