

## Certificate of Analysis

Date of Testing: 2022-01-19 09:28:50  
Date of Next Testing: 2026-01-18 09:28:50  
Product Name: **Lithium carbonate**  
CAS Number: 554-13-2  
Specifications & Purity: reagent grade, ≥99.0%  
Lot #: A2213633  
SKU #: **L101679**  
Analysis: **068118**

Parameter	Limit Values	Result
Chloride (Cl-)	0-200 (ppm)	100.00 ppm
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Sodium(Na)	0-1000 (ppm)	300.00 ppm
Purity(Neutralization titration)	99-101 (%)	99.85 %
Sulfate(SO42-)	0-3000 (ppm)	1000.00 ppm
Magnesium(Mg)	0-100 (ppm)	45.21 ppm
Iron(Fe)	0-30 (ppm)	7.98 ppm
Potassium(K)	0-300 (ppm)	100.00 ppm
Calcium(Ca)	0-300 (ppm)	89.50 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