

Certificate of Analysis

Date of Testing: 2022-01-19 11:13:10

Date of Next Testing: 2026-01-18 11:13:10

Product Name: **Lithium carbonate**

CAS Number: 554-13-2

Specifications & Purity: reagent grade, ≥99.0%

Lot #: A2213101

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