

Certificate of Analysis

Date of Testing: 2022-05-19 09:07:01

Date of Next Testing: 2026-05-18 09:07:01

Product Name: **Lithium carbonate**

CAS Number: 554-13-2

Specifications & Purity: reagent grade, ≥99.0%

Lot #: E2217170

SKU #: **L101679****Analysis: 090973**

Parameter	Limit Values	Result
Chloride (Cl-)	0-200 (ppm)	34.00 ppm
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Sodium(Na)	0-1000 (ppm)	779.00 ppm
Purity(Neutralization titration)	99-101 (%)	99.79 %
Sulfate(SO42-)	0-3000 (ppm)	140.00 ppm
Magnesium(Mg)	0-100 (ppm)	50.00 ppm
Iron(Fe)	0-30 (ppm)	0.00 ppm
Potassium(K)	0-300 (ppm)	46.00 ppm
Calcium(Ca)	0-300 (ppm)	90.00 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