

Certificate of Analysis

Date of Testing: 2023-02-02 17:05:14

Date of Next Testing: 2027-02-01 17:05:14

Product Name: **Lithium carbonate**

CAS Number: 554-13-2

Specifications & Purity: ACS, $\geq 99.0\%$

Lot #: A2331448

SKU #: **L101681**

Analysis: **141726**

Parameter	Limit Values	Result
Iron(Fe)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.01 %
(NO ₃)Nitrate	0-5 (ppm)	2.30 ppm
Chloride (Cl-)	0-0.005 (%)	0.00 %
Purity(Titration by HCl)	99-101 (%)	99.43 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.03 %
Sulfate(SO ₄ ²⁻)	0-0.2 (%)	0.12 %
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00 %
Appearance (L101681)	white powder or solid	white powder or solid
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager