

## Certificate of Analysis

Date of Testing: 2023-04-09 19:45:51  
Date of Next Testing: 2027-04-08 19:45:51  
Product Name: **Lithium carbonate**  
CAS Number: 554-13-2  
Specifications & Purity: ACS, ≥99.0%  
Lot #: D23031107  
SKU #: **L101681**  
Analysis: **193287**

Parameter	Limit Values	Result
Iron(Fe)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.01 %
(NO <sub>3</sub> )Nitrate	0-5 (ppm)	2.00 ppm
Chloride (Cl-)	0-0.005 (%)	0.00 %
Purity(Titration by HCl)	99-101 (%)	100.44 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.04 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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