

Certificate of Analysis

Date of Testing: 2022-10-25 09:16:15

Date of Next Testing: 2026-10-24 09:16:15

Product Name: **Lithium tetraborate**

CAS Number: 12007-60-2

Specifications & Purity: 99%

Lot #: J2221372

SKU #: **L106301**

Analysis: **148146**

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	6.00 ppm
Chloride (Cl-)	0-50 (ppm)	18.00 ppm
Purity(Titration)	99-100 (%)	99.99 %
Calcium(Ca)	0-50 (ppm)	18.00 ppm
Potassium(K)	0-50 (ppm)	20.00 ppm
Heavy metal (as Pb)	0-50 (ppm)	30.00 ppm
Phosphate(PO4)	0-20 (ppm)	8.00 ppm
Loss on drying(200°C)	0-0.5 (%)	0.01 %
Sodium(Na)	0-10 (ppm)	2.00 ppm
Sulfate(SO42-)	0-50 (ppm)	30.10 ppm
Appearance (L106301)	White Powder, Granules or Chunks	White Powder, Granules or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager