

Certificate of Analysis

Date of Testing: 2024-08-30 09:47:54

Date of Next Testing: 2028-08-29 09:47:54

Product Name: **Lithium tetraborate**

CAS Number: 12007-60-2

Specifications & Purity: 99%

Lot #: H2428044

SKU #: **L106301**

Version: **0**

Analysis #: **252599**

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	5.50 ppm
Chloride (Cl-)	0-50 (ppm)	45.10 ppm
Purity(Titration)	99-100 (%)	100.00 %
Calcium(Ca)	0-50 (ppm)	35.60 ppm
Potassium(K)	0-50 (ppm)	47.50 ppm
Heavy metal (as Pb)	0-50 (ppm)	31.20 ppm
Phosphate(PO ₄)	0-20 (ppm)	11.50 ppm
Loss on drying(200°C)	0-0.5 (%)	0.23 %
Sodium(Na)	0-10 (ppm)	5.66 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	44.50 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