

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-14 16:05:52

Date of Next Testing: 2027-07-13 16:05:52

Product Name: **Lithium tetraborate**

CAS Number: 12007-60-2

Specifications &amp; Purity: 99%

Lot #: G2311603

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(PO4)	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(SO42-)	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