

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-29 10:29:18

Date of Next Testing: 2026-06-28 10:29:18

Product Name: **Lithium tetraborate**

CAS Number: 12007-60-2

Specifications & Purity: $\geq 99\%$

Lot #: F2225344

SKU #: **L106301**Version: **0**Analysis #: **107262**

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	8.23 ppm
Chloride (Cl-)	0-50 (ppm)	48.30 ppm
Purity(Titration)	99-100 (%)	99.99%
Calcium(Ca)	0-50 (ppm)	40.21 ppm
Potassium(K)	0-50 (ppm)	23.26 ppm
Heavy metal (as Pb)	0-50 (ppm)	18.23 ppm
Phosphate(PO ₄)	0-20 (ppm)	19.99 ppm
Loss on drying(200°C)	0-0.5 (%)	0.27%
Sodium(Na)	0-10 (ppm)	7.12 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	38.24 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