

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-24 10:32:39

Date of Next Testing: 2029-05-23 10:32:39

Product Name: **Lithium tetraborate**

CAS Number: 12007-60-2

Specifications & Purity: $\geq 99\%$

Lot #: E2520101

SKU #: **L106301**

Version: **0**

Analysis #: **107262**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	8.23000 ppm
Chloride (Cl-)	0-50 (ppm)	48.30000 ppm
Purity(Titration)	99-100 (%)	99.99010 %
Calcium(Ca)	0-50 (ppm)	40.21000 ppm
Potassium(K)	0-50 (ppm)	23.26100 ppm
Heavy metal (as Pb)	0-50 (ppm)	18.23000 ppm
Phosphate(PO ₄)	0-20 (ppm)	19.99300 ppm
Loss on drying(200°C)	0-0.5 (%)	0.26800 %
Sodium(Na)	0-10 (ppm)	7.12300 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	38.23600 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