

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-28 15:43:30
 Date of Next Testing: 2027-09-27 15:43:30
 Product Name: **Lithium tetraborate**
 CAS Number: 12007-60-2
 Specifications & Purity: $\geq 99\%$
 Lot #: A2006107
 SKU #: **L106301**
 Version: **0**
 Analysis #: **281550**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	5.95000 ppm
Chloride (Cl-)	0-50 (ppm)	19.63000 ppm
Purity(Titration)	99-100 (%)	99.32300 %
Calcium(Ca)	0-50 (ppm)	28.13000 ppm
Potassium(K)	0-50 (ppm)	23.46000 ppm
Heavy metal (as Pb)	0-50 (ppm)	25.70000 ppm
Phosphate(PO ₄)	0-20 (ppm)	10.16000 ppm
Loss on drying(200°C)	0-0.5 (%)	0.25000 %
Sodium(Na)	0-10 (ppm)	6.38000 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	26.70000 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