

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-02 14:44:57
Date of Next Testing: 2030-04-01 14:44:57
Product Name: **Lithium tetraborate**
CAS Number: 12007-60-2
Specifications & Purity: $\geq 99\%$
Lot #: F2225345
SKU #: **L106301**
Version: **0**
Analysis #: **684742**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|-----------------------|----------------------------------|----------------------------------|
| Iron(Fe) | 0-10 (ppm) | 8.22800 ppm |
| Chloride (Cl-) | 0-50 (ppm) | 48.29900 ppm |
| Purity(Titration) | 99-100 (%) | 99.99010 % |
| Calcium(Ca) | 0-50 (ppm) | 40.20800 ppm |
| Potassium(K) | 0-50 (ppm) | 23.26000 ppm |
| Heavy metal (as Pb) | 0-50 (ppm) | 18.22800 ppm |
| Phosphate(PO4) | 0-20 (ppm) | 19.99100 ppm |
| Loss on drying(200°C) | 0-0.5 (%) | 0.26780 % |
| Sodium(Na) | 0-10 (ppm) | 7.12280 ppm |
| Sulfate(SO42-) | 0-50 (ppm) | 38.23400 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