

## Certificate of Analysis

### Compound Information

Product Name:	Lithium tetraborate
Cat. No.:	1215440
CAS No.:	12007-60-2
Molecular Formula:	B <sub>4</sub> Li <sub>2</sub> O <sub>7</sub>
Molecular Weight:	169.12
Chemical Structure:	



### Batch Information

Batch No.:	Lg0731288444
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-07-31
Retest Date:	2026-07-30
Origin:	Shanghai, China

### QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.0	99.07
Clarity Test:	≤4.0	Qualified
Chloride(Cl), ω/%:	≤0.005	Qualified
Sulfate(SO <sub>4</sub> ), ω/%:	≤0.005	Qualified
Sodium(Na), ω/%:	≤0.01	Qualified
Potassium(K), ω/%:	≤0.01	Qualified
Calcium(Ca), ω/%:	≤0.01	Qualified
Iron(Fe), ω/%:	≤0.002	Qualified
Heavy Metals(as Pb), ω/%:	≤0.002	Qualified
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai