

Certificate of Analysis

Compound Information

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



Batch Information

Batch No.:	Lg1107331426
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-11-07
Retest Date:	2026-11-06
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystal)
Assay, ω/%:	≥99.0	99
Clarity Test:	≤4.0	qualified
Chloride(Cl), ω/%:	≤0.005	0.001
Sulfate(SO ₄), ω/%:	≤0.005	0.0035
Sodium(Na), ω/%:	≤0.01	0.0008
Potassium(K), ω/%:	≤0.01	0.0005
Calcium(Ca), ω/%:	≤0.01	0.002
Iron(Fe), ω/%:	≤0.002	0.0008
Heavy Metals(as Pb), ω/%:	≤0.002	0.0001

Conclusion: The product has been tested and complies with the given specifications.

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

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