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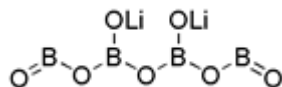
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 24562

Product **Lithium tetraborate**

Di-Lithium tetraborate

CAS Number 12007-60-2

Molecular Formula B₄O₇•2Li

Molecular Weight 169.12

Appearance White solid

Solubility Sparingly soluble in water.

Bulk density ≥ 0.25 g/mL

Heavy Metals ≤ 0.001% (as Pb)

Anion Phosphorous compounds (as PO₄) : ≤ 0.004%

Cation Calcium (Ca) : ≤ 0.01%

Iron (Fe) : ≤ 0.001%

Aluminum (Al) : ≤ 0.001%

Silicon (Si) : ≤ 0.01%

Magnesium (Mg) : ≤ 5 ppm

Potassium (K) : ≤ 0.005%

Sodium (Na) : ≤ 0.005%

Insoluble material ≤ 0.01%

Assay by titration 98 - 102% (By acidimetry)

Grade ACS reagent

Storage Store at RT

Additional Information Loss on fusion at 950 °C : ≤ 2%

For Laboratory Use Only