

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# LiBO<sub>2</sub>

<b>Catalogue Number</b>	30189
<b>Product</b>	<b>Lithium metaborate</b> Boric acid lithium salt
<b>CAS Number</b>	13453-69-5
<b>Molecular Formula</b>	LiBO <sub>2</sub>
<b>Molecular Weight</b>	49.75
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<b>Appearance</b>	White solid
<b>Solubility</b>	Moderate soluble in water
<b>Bulk density</b>	≥ 0.25 g/mL
<b>Heavy Metals</b>	≤ 0.001% (as Pb)
<b>Anion</b>	Phosphorous compounds (as PO <sub>4</sub> <sup>3-</sup> ) : ≤ 0.004%
<b>Cation</b>	Calcium (Ca) : ≤ 0.01% Magnesium (Mg) : ≤ 5 ppm Potassium (K) : ≤ 0.005% Sodium (Na) : ≤ 0.005% Silicon (Si) : ≤ 0.01% Aluminum (Al) : ≤ 0.001% Iron (Fe) : ≤ 0.002%
<b>Insoluble material</b>	≤ 0.01%
<b>Assay by titration</b>	98 - 102%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Loss on fusion at 950 °C : ≤ 2%

**For Laboratory Use Only**