

Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00686
Lot Number	001920-03313
Product	Boric acid
CAS Number	10043-35-3
Molecular Formula	H ₃ BO ₃
Molecular Weight	61.83
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Appearance	White crystalline powder
Solubility	5 g in 100 mL water at 21 °C
Melting Point	171 °C (Approx.)
Heavy Metals	< 0.001% (as Pb)
Anion	Chloride (Cl ⁻): < 0.001% Phosphate (PO ₄ ³⁻): < 0.001% Sulfate (SO ₄ ²⁻): < 0.01%
Cation	Iron (Fe): < 0.001% Calcium (Ca): 0.00016%
Insoluble	0.003% (in methanol)
Non-Volatile Matter	0.038% (nonvolatile with methanol)
Assay by titration	99.93%
Grade	ACS reagent
Application	Used as primary standard; buffer.
Storage	Store at RT
Additional Information	Identification: Passes test

Certificate of Analysis

Catalog Number: 00686

Lot Number: 001920-03313

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager