

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30146
Lot Number	002126-1544
Product	Boric acid
CAS Number	10043-35-3
Molecular Formula	H ₃ BO ₃
Molecular Weight	61.83

Appearance	White crystalline fine powder
Solubility	Soluble (5 g in 100 mL water at 21 °C)
Melting Point	171 °C
Heavy Metals	< 0.001%
Anion	Chloride (Cl ⁻) : 0.001% Sulfate (SO ₄ ²⁻) : 0.01% Phosphate (PO ₄) : 0.001%
Cation	Iron (Fe) : < 0.001% Calcium : < 0.005%
pH	9.2
Insoluble	0.005%
Loss on Drying	< 0.5%
Residual Solvents	Purified water
Non-Volatile Matter	0.05%
Assay by titration	99.5%
Grade	ACS
Storage	Store at RT
Additional Information	Identification : Passes test Completeness of solution : Passes test

Certificate of Analysis

Catalog Number: 30146

Lot Number: 002126-1544

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager