

Product Specification Sheet



Product Code: BIO-1140
Identifier: Boric Acid
Grade: ACS Grade
Appearance: White crystalline powder
Molecular Formula: H₃BO₃
Molecular Weight: 61.83 g/mol
Description: Not Applicable
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable

Assay:	Specification:
Purity (H ₃ BO ₃)	≥ 99.5 %
Solubility in water	PASS
Solubility in ethanol	PASS
Residue on ignition (with methanol) (sulfate)	≤ 0.02 %
Chloride (Cl)	≤ 2 ppm
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.001 %
Calcium (Ca)	≤ 0.001 %
Lead (Pb)	≤ 5 ppm
Arsenic (As)	≤ 1 ppm
Iron (Fe)	≤ 2 ppm

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