

Product Specification Sheet



Product Code: BIO-1140
Identifier: Boric Acid
Grade: ACS Grade
Appearance: White crystalline powder
Molecular Formula: H_3BO_3
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_3BO_3) | $\geq 99.5\%$ |
| Solubility in water | PASS |
| Solubility in ethanol | PASS |
| Residue on ignition (with methanol) (sulfate) | $\leq 0.02\%$ |
| Chloride (Cl) | $\leq 2\text{ ppm}$ |
| Phosphate (PO_4) | $\leq 5\text{ ppm}$ |
| Sulfate (SO_4) | $\leq 0.001\%$ |
| Calcium (Ca) | $\leq 0.001\%$ |
| Lead (Pb) | $\leq 5\text{ ppm}$ |
| Arsenic (As) | $\leq 1\text{ ppm}$ |
| Iron (Fe) | $\leq 2\text{ ppm}$ |

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