

# Product Specification Sheet



**Product Code** : BIO-1140  
**Identifier** : Boric Acid  
**Grade** : ACS  
**Appearance** : White crystalline powder  
**Molecular Formula** :  $H_3BO_3$   
**Molecular Weight** : 61.83 g/mol  
**Product Description** : -  
**Storage Condition** : Store at room temperature. Protect from moisture.

<u>Assay:</u>	<u>Specification:</u>
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)	$\leq 2$ ppm
Phosphate ( $PO_4$ )	$\leq 5$ ppm
Sulfate ( $SO_4$ )	$\leq 0.001 \%$
Calcium (Ca)	$\leq 0.001 \%$
Lead (Pb)	$\leq 5$ ppm
Arsenic (As)	$\leq 1$ ppm
Iron (Fe)	$\leq 2$ ppm

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