

**Product Name** : Boric Acid, Grade AR

**Product Code** : B5010-1

**CAS Number** : 10043-35-3

**Formula** :  $H_3BO_3$

**M. wt** : 61.84 g/mol

**Packing** : 500 g, 1 kg

Parameter	Specification
Assay (acidimetric)	min. 99.8 %
pH (4%, H <sub>2</sub> O)	3.6 - 4.0
Insoluble in methanol	max. 0.005 %
With Methanol-HCl non-volatile matter	max. 0.05 %
Chloride (Cl)	max. 0.0003 %
Phosphates (PO <sub>4</sub> )	max. 0.0005 %
Sulfates (SO <sub>4</sub> )	max. 0.0005 %
Arsenic (As)	max. 0.00005 %
Calcium (Ca)	max. 0.002 %
Cadmium (Cd)	max. 0.0005 %
Copper (Cu)	max. 0.0005 %
Heavy metals (as Pb)	max. 0.0005 %
Iron (Fe)	max. 0.0001 %
Lead (Pb)	max. 0.0005 %
Magnesium (Mg)	max. 0.0005 %
Zinc (Zn)	max. 0.0005 %

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