



## Specification

### Boric Acid ACS

**Catalog Number:** BA1005  
**CAS Number:** 10043-35-3  
**Molecular Formula:** H<sub>3</sub>BO<sub>3</sub>  
**Molecular Weight:** 61.83  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from date of manufacture.

Test	Specification
Appearance	Colorless to white crystalline powder
Assay	≥ 99.5%
Identification	To pass test
Solubility (61.8mg/mL H <sub>2</sub> O)	Report
pH (61.8mg/mL, with heat)	Report
Insoluble in MeOH	≤ 0.005%
Nonvolatile with MeOH	≤ 0.05%
Chloride	≤ 0.001%
Phosphate	≤ 0.001%
Sulfate	≤ 0.01%
Heavy Metals (as Pb)	≤ 0.001%
Iron	≤ 0.001%
Calcium	≤ 0.005%

Approved:

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