



## Certificate of Analysis

### Boric Acid ACS

**Catalog Number:** BA1005  
**Lot Number:** 0326802  
**CAS Number:** 10043-35-3  
**Molecular Formula:** H<sub>3</sub>BO<sub>3</sub>  
**Molecular Weight:** 61.83  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** February 7, 2017  
**Retest Date:** February 6, 2022

Test	Specification	Result
Appearance	Colorless to white crystalline powder	Conforms
Assay	≥ 99.5%	100.07%
Identification	To pass test	Conforms
Solubility (61.8mg/mL H <sub>2</sub> O)	Report	Clear & colorless
pH (61.8mg/mL, with heat)	Report	3.65
Insoluble in MeOH	≤ 0.005%	0.003%
Nonvolatile with MeOH	≤ 0.05%	0.036%
Chloride	≤ 0.001%	< 0.001%
Phosphate	≤ 0.001%	< 0.001%
Sulfate	≤ 0.01%	< 0.01%
Heavy Metals (as Pb)	≤ 0.001%	< 0.001%
Iron	≤ 0.001%	< 0.001%
Calcium	≤ 0.005%	0.0004%

Approved by:

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