



# Product Specification

## Product Name: BORIC ACID Granular AR

Alternate Name(s) Boracic acid; orthoboric acid; hydrogen orthoborate.

### Description

Colourless odourless scales or white powder; stable in air.

### Properties

Chemical Formula:

Molecular Weight: 61.83

Product Code: BA031

CAS No. 10043-35-3

### General Information:

Soluble in alcohol and glycerol. Reacts violently with potassium, acid anhydrides. Incompatible with water, strong bases, alkali metals. Non-flammable. Moisture sensitive.

### Quality Specification

Assay: 99.5% min.

### Specific Properties and Impurities [Typical levels]:

Identification	Passes test
Insoluble in methanol	≤ 0.005%
Nonvolatile with methanol	≤ 0.05%
Chloride (Cl)	≤ 0.001%
Phosphate (PO <sub>4</sub> )	≤ 0.001%
Sulfate (SO <sub>4</sub> )	≤ 0.01%
Heavy metals (as Pb)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.001%

### Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH1D
Poison schedule:	S5
Emergency Procedure Guide No.:	N/A

CONFORMS TO ACS

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