

## Boric acid, Hi-AR™

**GRM1224**


### Product Identifier

CAS No.	:	10043-35-3
EC No.	:	233-139-2
EC Index No	:	005-007-00-2
Molecular Formula	:	H <sub>3</sub> BO <sub>3</sub>
Molecular weight	:	61.83
HS Code	:	2810 00 20
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
Chloride (Cl)	:	<= 0.0002%
Magnesium (Mg)	:	<= 0.001%
Calcium (Ca)	:	<= 0.001%
Arsenic (As)	:	<= 0.0001%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0002%
Sulfate (SO <sub>4</sub> )	:	<= 0.001%
Phosphate (PO <sub>4</sub> )	:	<= 0.001%
Water insoluble Matter	:	<= 0.005%
Copper (Cu)	:	<= 0.0005%
Alcohol insoluble matter	:	<= 0.005%
Non-esterifiable impurities	:	<= 0.04%
Assay (NaOH Titration)	:	99.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H360FD
Precautionary Statement(s)	:	P201- P280- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	ED4550000
WGK	:	1

### Other Information

Buffering agent