

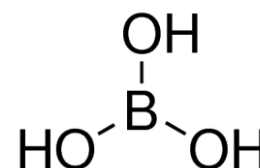


# Product Specification

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## BORIC ACID CRYSTAL/GRANULAR AR Meets of IP, BP, USP, PH. Eur.

PRODUCT CODE	466075
SYNONYMS	(Orthoboric acid )
C.I. NO.	--
CASR NO.	10043-35-3
ATOMIC ORMOLECULAR FORMULA	H <sub>3</sub> BO <sub>3</sub>
ATOMIC ORMOLECULAR WEIGHT	61.83
PROPERTIES	Soluble in boiling water, alcohol and glycerol, Noncombustible.



### PARAMETER LIMIT

Description	A white granular powder.
Solubility	10% Solution in hot water is clear and colourless.
Identification	Passes tests.
Minimum assay (Acidimetric)	99.5%
pH of (3.3% Solution in water)	3.8 - 4.8
Solubility in ethanol	Passes test.

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (on silica gel for 5 hrs.)	0.5%
Alcohol insoluble matter	0.005%
Water insoluble matter	0.005%
Chloride (Cl)	0.0002%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.002%
Arsenic (As)	0.0001%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0002%
Heavy metals (as Pb)	0.001%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.001%
Organic matter	Passes test.
Substance non volatile with methanol	0.05%

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements:** May be harmful if swallowed. May damage fertility.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

IMDG Code :

UN No. :

IATA :



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**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace Date 01-Mar.-2019