

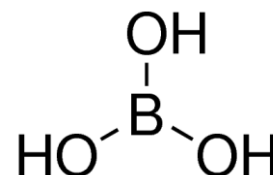


# Product Specification

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## BORIC ACID FOR MOLECULAR BIOLOGY

PRODUCT CODE	918000
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10043-35-3)
ATOMIC OR MOLECULAR FORMULA	H <sub>3</sub> BO <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	61.83
PROPERTIES	Soluble in boiling water, alcohol and glycerol . Noncombustible.



### PARAMETER LIMIT

Description	White crystals or crystalline powder or granules.
Solubility	10% Solution in hot water is clear and colourless.
Minimum Assay(Acidimetric)	99.5%

### MAXIMUM LIMIT OF IMPURITIES

UV Abs.(0.05 mol/L water)at 260 nm	0.01
UV Abs.(0.05 mol/L water)at 280 nm	0.01
Water insoluble matter	0.005%
Alcohol insoluble matter	0.005%
Chloride (Cl)	0.0002%
Sulphate (SO <sub>4</sub> )	0.001%
Phosphate (PO <sub>4</sub> )	0.001%
Arsenic (As)	0.0001%
Magnesium (Mg)	0.0005%
Iron (Fe)	0.0005%
Copper (Cu)	0.0005%
Lead (Pb)	0.0005%
Non esterifiable impurities	0.04%
DNase,RNase, Protease & Phosphatases	None detected.

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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Hazard Pictogram(s) :



GHS08