

## BORIC ACID FOR MOLECULAR BIOLOGY

**PRODUCT CODE** 918000

**SYNONYMS** --

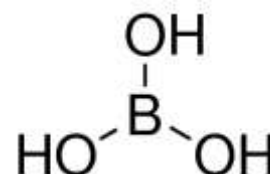
**C.I. NO.** --

**CASR NO.** (10043-35-3)

**ATOMIC OR MOLECULAR FORMULA**  $H_3BO_3$

**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%

Iron (Fe) 0.0005%

Heavy metals (Pb) 0.0005%

Non esterifiable impurities 0.04%

DNase,RNase, Protease & None detected.

Phosphatases

**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 :



# Product Specification

[cdhfinechemical.com](http://cdhfinechemical.com)

Hazard Pictogram(s) :



GHS08

Replace Date 14-Dec-2025