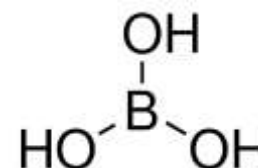


## BORIC ACID CRYSTAL/GRANULAR AR

Meets of IP, BP, USP, PH. Eur.

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



<b>PARAMETER</b>	<b>LIMIT</b>
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.

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
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.**

<p><b>WARNING</b></p> <p><b>Hazard statements:</b> May be harmful if swallowed. May damage fertility.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.</p> <p><b>Response:</b> If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell</p>	<p>IMDG Code :</p> <p>UN No. :</p> <p>IATA :</p>
--	--



# Product Specification

cdhfinechemical.com

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

Hazard Pictogram(s) :-



GHS08

Replace Date 01-Mar.-2019