

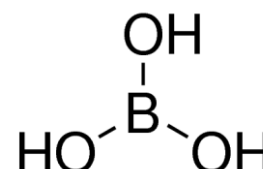


# Product Specification

cdhfinechemical.com

## BORIC ACID POWDER AR/ACS

<b>PRODUCT CODE</b>	<b>466080</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>



### PARAMETER LIMIT

Description	White fine powder, free from crystals and granules.
Solubility	10% solution in hot water is clear and colourless.
Minimum assay (Acidimetric)	99.5%
pH of (4 % solution in water )	3.8 to 4.8

### MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.05%
Chloride ( Cl )	0.0002%
Phosphate(PO <sub>4</sub> )	0.001%
Sulphate ( SO <sub>4</sub> )	0.001%
Calcium (Ca)	0.002%
Copper (Cu)	0.0002%
Iron ( Fe )	0.0002%
Heavy Metals (as Pb)	0.0005%
Substances non volatile with methanol	0.05%
Potassium (K)	0.001%
Sodium (Na)	0.002%

**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.

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

Hazard Pictogram(s) :-



GHS08

IMDG Code : --

UN No. : --

IATA : --

Replace Date : 11-May-2020