

### Technical Information

#### Boric Acid, Plant Culture Tested

**Product Code: PCT1102**

#### Product Information

Product Code	: PCT1102
Product Name	: Boric acid, Plant Culture Tested
Molecular Formula	: $H_3BO_3$
Molecular Weight	: 61.83
CAS No.	: 10043-35-3

#### Technical Specification

Appearance	: White crystals or crystalline powder or granules.
Solubility	: 10% Solution in hot water is clear and colourless.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Chloride (Cl)	: ≤ 0.001%
Calcium (Ca)	: ≤ 0.005%
Heavy metals (as Pb)	: ≤ 0.001%
Iron (Fe)	: ≤ 0.001%
Phosphate ( $PO_4$ )	: ≤ 0.001%
Sulphate ( $SO_4$ )	: ≤ 0.01%
Non volatile with methanol	: ≤ 0.05%
Insoluble in methanol	: ≤ 0.005%
Minimum Assay (Acidimetric)	: 99.50 %

#### GHS Safety Information

Hazard Statement(s)	: H317+H334
Precautionary Statement (s)	: P261+P280+P342+P311
Signal Word	: Danger
Hazard Pictogram(s)	



GHS08

#### Risk And Safety Information

R-Phrase(s)	: 60-61
S-Phrase(s)	: 53-45
WGK	: 1
RTECS	: ED4550000
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods



Plant Culture  
Tested



## Product Specification

cdhfinechemical.com

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace date 06-Feb-2026