

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

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.

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