

Technical Information

Sodium Alginate Plant Culture Tested

Product Code: PCT2317

Product Information

Product Code	: PCT2317
Product Name	: Sodium Alginate, Plant Culture Tested
Synonym	: Algin; Alginic acid sodium salt
Molecular Formula	: --
Molecular Weight	: --
CAS No.	: 9005-38-3

Technical Specification

Appearance	: White to brown fibrous or granular powder.
Solubility	: 3% in water forming viscous, colloidal solution.
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, proliferation of callus, no toxicity to callus
Identification test for alginate	: Passes test.
Loss on drying (at 105°C, 4 hr)	: <= 15.00%
Bead formation test	: Beads were formed with 3.0% sodium alginate mixed with node/callus culture Of Carrot spp in 0.6% calcium chloride solution.
Plant Culture Tested	: Passes test.

Risk And Safety Information

WGK	: 3
RTECS	: --
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.
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