

Technical Information

AGAR POWDER FOR PLANT TISSUE CULTURE

Product Code: PCT9691

Product Information

Product Code	: PCT9691
Product Name	: Agar Powder For Plant Tissue Culture
Molecular Formula	: --
Molecular Weight	: --
CAS No.	: 9002-18-0

Technical Specification

Appearance	: Off-white to pale yellow powder.
Solubility	: 1.5% aq. hot solution is almost clear to slight hazy.
Loss on drying	: <= 15%
Sulphated Ash	: <= 5%
Gel strength (1.5% gel)	: min 800 gm/cm ²
Acid insoluble ash	: <= 1%
Foreign organic matter	: <= 1%
Foreign insoluble matter	: <= 1%
Starch	: Passes test
Gelatin	: Passes test
Water absorption capacity	: Passes test
Heavy metals (Pb)	: <= 0.005%
Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H ₂ O	
@ 430 nm	: <= 0.20
@ 530 nm	: <= 0.15
@ 655 nm	: <= 0.1
Suitability for Tissue Culture	: Passes test

Risk And Safety Information

R-Phrase(s)	: --
S-Phrase(s)	: --
WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store at 25 - 40°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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.