

Technical Information

β -Cyclodextrin Plant Culture Tested

Product Code: PCT1609

Product Information

Product Code	: PCT1609
Product Name	: β -Cyclodextrin, Plant Culture Tested
Synonym	: Caraway; Cycloheptaamylose; Cyclomaltoheptaose; Schardinger β -Dextrin
Molecular Formula	: $C_{42}H_{70}O_{35}$
Molecular Weight	: 1134.98
CAS No.	: 7585-39-9

Technical Specification

Appearance	: White to off-white crystals or crystalline powder or solid.
Solubility	: 1% solution in hot water is almost transparency.
Specific rotation $[\alpha]_{D}^{20}$ (C=1 in H ₂ O)	: +159° to +165°
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.
Minimum Assay (By HPLC, on dried basis)	: 98.00%

Risk And Safety Information

WGK	: 2
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.
- **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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