

Technical Information

α - Cyclodextrin Plant Culture Tested

Product Code: PCT1608

Product Information

Product Code	: PCT1608
Product Name	: α - Cyclodextrin, Plant Culture Tested
Synonym	: Cyclomaltohexaose; Cyclohexaamylose
Molecular Formula	: $C_{36}H_{60}O_{30}$
Molecular Weight	: 972.84
CAS No.	: 10016-20-3

Technical Specification

Appearance	: White powder.
Solubility	: 10 mg soluble in 1 ml of water.
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
Specific rotation	: +143.0 to +153.0° (c = 1% in water at 20°C)
Water (K.F.)	: ≤ 14.50%
Minimum assay (HPLC)	: 98.00%

Risk And Safety Information

WGK	: 3
RTECS	: GU2292000
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.