

Technical Information

D-(-)-Ribose Plant Culture Tested

Product Code: PCT1614

Product Information

Product Code	: PCT1614
Product Name	: D-(-)-Ribose, Plant Culture Tested
Molecular Formula	: C ₅ H ₁₀ O ₅
Molecular Weight	: 150.13
CAS No.	: 50-69-1

Technical Specification

Appearance	: Light yellow powder.
Solubility	: Soluble in 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 (c = 2% in water at 20°C)	: -21.0° to -18.5°
Melting range	: 83 - 88°C
Minimum assay (GC/HPLC)	: 99.00%

Risk And Safety Information

WGK	: 3
RTECS	: --
Storage Temperature(°C)	: Store at 2 - 8°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.

Replace date 03-May-2024