

Technical Information

D(-)-Sorbitol Plant Culture Tested

Product Code: PCT1606

Product Information

Product Code	: PCT1606
Product Name	: D(-)-Sorbitol, Plant Culture Tested
Synonym	: D-Glucitol
Molecular Formula	: $C_6H_{14}O_6$
Molecular Weight	: 182.17
CAS No.	: 50-70-4

Technical Specification

Appearance	: White hygroscopic crystals or crystalline powder or granules.
Solubility	: 5% w/v aqueous solution in boiling water is clear and colourless.
Specific rotation° (c = 0.4 in acidified ammonium molybdate solution at 20°C)	: +102.0° to +110°
Water(K.F)	: ≤1.50%
Minimum assay (GC/HPLC))	: 99.00%
Plant Culture Tested	: Passes test

Risk And Safety Information

WGK	: 2
RTECS	: LZ4290000
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.

Replace date 12-Sep-2025