

Technical Information

Sucrose Cell Culture Tested

Product Code:TC1048

Product Information

Product Code	: TC1048
Product Name	: Sucrose, Cell Culture Tested
Synonym	: Source : Sugarcane
Molecular Formula	: $C_{12}H_{22}O_{11}$
Molecular Weight	: 342.30
CAS No.	: 57-50-1

Technical Specification

Appearance	: Colourless or white to off-white hygroscopic crystals or crystalline powder.
Solubility	: Soluble in water.
Melting range	: 185 - 187°C
Specific rotation $[\alpha]_D^{20}$ (C=10% in water at 25°C)	: +65.90° to +67.0°
Minimum assay (GC)	: 99.0%
Cell Culture Test	: Passes test
Insect Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: Yes
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 17-Jan-2026