

Technical Information

D-(+)-Raffinose Pentahydrate Cell Culture Tested

Product Code:TC1162

Product Information

Product Code	: TC1162
Product Name	: D-(+)-Raffinose Pentahydrate, Cell Culture Tested
Synonym	: (Melitose; Melitriose)
Molecular Formula	: $C_{18}H_{32}O_{16} \cdot 5H_2O$
Molecular Weight	: 594.51
CAS No.	: 17629-30-0

Technical Specification

Appearance	: White crystals or powder.
Solubility	: Soluble in water.
Minimum assay (HPLC)	: 98.00%
Clarity	: 5% w/v aqueous solution is clear and colourless.
Heavy metals (as Pb)	: $\leq 0.001\%$
Water (K.F.)	: 14.00 - 16.00 %
Melting range	: 78-80° C
Specific rotation $[\alpha]_D^{20}$: +103.0° to +107.0°
(c = 10% in water)	
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: 3
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.
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