

D-(+)-Raffinose pentahydrate

Cell Culture Tested

Product Code: TC162

Product Description:

Molecular weight: 594.51

Molecular formula: $C_{18}H_{32}O_{16} \cdot 5H_2O$

CAS No.: 17629-30-0

Synonym: Melitose, Melitriose

Storage and Shelf Life:

Store below 30°C.

Shelf life is 48 months.

Use before expiry date given on the product label.

Quality Control:

Appearance

White to light yellow crystals or powder.

Solubility

Clear colorless solution at 5 gm in 100 ml of water.

pH (10% in water at 25°C)

5.50 - 7.00

Specific rotation

100.00° - 110.00° (c=10% in water at 20°C)

Water (K.F.)

14.00 - 16.00%

Assay (HPLC)

NLT 98.00 %

Cell Culture Test

Passes

Disclaimer :

Revision : 02/2025

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