

Product Information

RM107 D(+) Raffinose pentahydrate

Product Number Packing
RM107 : 100G

RM107 : 10G RM107 : 25G

Product Information

Product Code : RM107

Product Name : D(+) Raffinose pentahydrate

Synonym : Melitose; Melitriose Molecular Formula : $C_{18} H_{32} O_{16} . 5 H_2 O$

 Molecular Weight
 : 594.51

 CAS No.
 : 17629-30-0

 EC No.
 : 208-146-9

 HS Code
 : 2940 00 00

 Shelf Life
 : 4 years

Technical Specification

Appearance : White crystals or powder

Solubility : 33.3 mg soluble in 1 mL of water

Clarity : 5% w/v aqueous solution is clear and colourless

Heavy metals (as Pb) : <= 0.001% Water (K.F.) : 14.00 - 16.00% Melting range : $78 - 80^{\circ}$ C

Specific rotation [α 20/D] : +103.0° to +107.0° (c = 10% in water)

Assay (HPLC) : min. 98.00 %

Risk and Safety Information

WGK : 3

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

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