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## D-(+) Raffinose pentahydrate

**RM107**

### Product Identifier

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CAS No.	:	17629-30-0
EC No.	:	208-146-9
Molecular Formula	:	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub> . 5H <sub>2</sub> O
Molecular Weight	:	594.51
Synonym	:	Melitose; Melitriose
HS Code	:	2940 00 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	White to light yellow crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
Clarity	:	5% w/v aqueous solution is clear and colourless
Water (K.F.)	:	14.00 - 16.00 %
Specific rotation	:	+100.00° to +110.00° (c = 10% in water at 20°C)
Assay (HPLC)	:	>= 98.00%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1