

## Product Datasheet

### GC4633 - D-Raffinose pentahydrate

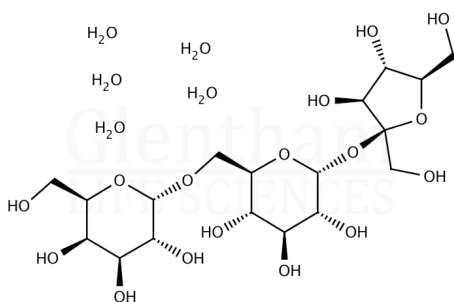
#### Product Details

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Product Name       | D-Raffinose pentahydrate                                          |
| Glenthams Code     | GC4633                                                            |
| CAS Number         | 17629-30-0                                                        |
| EINECS             | 208-146-9                                                         |
| MDL-Nummer         | MFCD00071590                                                      |
| PubChem SID        | 310279593                                                         |
| Related Categories | Carbohydrates, Core Carbohydrates, Biochemicals, Oligosaccharides |

|                           |                                            |
|---------------------------|--------------------------------------------|
| Physical Description      | : White or almost white crystalline powder |
| Solubility (5% in water)  | : Clear, colourless solution               |
| Specific Optical Rotation | : +103.0 - +108.0 ° (c=10, water)          |
| Melting Point             | : 78.0 - 82.0 °C                           |
| Residue on Ignition       | : ≤ 0.1%                                   |
| Heavy Metals              | : ≤ 10ppm                                  |
| Loss on Drying            | : 13.0 - 17.0 %                            |
| Assay (HPLC)              | : ≥ 98.0%                                  |
| Identification (IR)       | : To conform to standard                   |
| Version                   | : v1.2                                     |

#### Structure

Molecular Weight : 594.52  
Molecular Formula :  $C_{18}H_{32}O_{16} \cdot 5H_2O$



#### About D-Raffinose pentahydrate

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

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