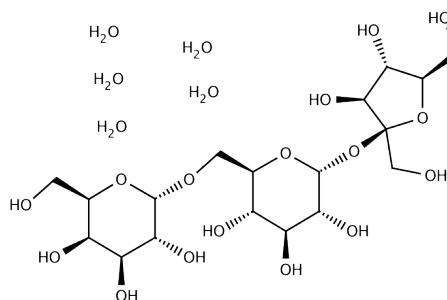


## Product Specification

Product Name : D-Raffinose pentahydrate  
Glentham Code : GC4633  
CAS Number : 17629-30-0  
EINECS : 208-146-9  
MDL Number : MFCD00071590  
PubChem SID : 310279593

Molecular Weight : 594.52  
Molecular Formula : C<sub>18</sub>H<sub>32</sub>O<sub>16</sub> · 5H<sub>2</sub>O  
Storage Temp. : +20°C



Property	Specification
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 - 82 °C
Residue on Ignition	≤ 0.1%
Heavy Metals	≤ 10ppm
Loss on Drying	13.0 - 17.0 %
Assay	≥ 98.0%

Specification Version : v1.1  
Date Created : 2018-08-08

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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