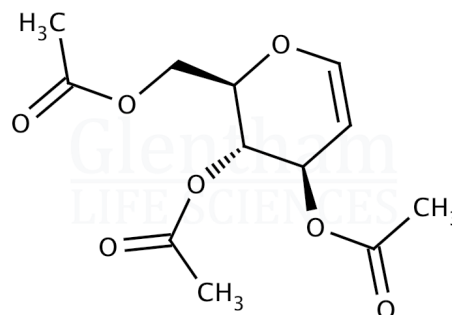


## Certificate of Analysis

Product Name Tri-O-acetyl-D-glucal  
Glentham Code GC8339  
CAS Number 2873-29-2  
EINECS 220-709-0  
MDL Number MFCD00063253  
PubChem SID 310265594  
Batch Number 530BWG

Molecular Weight 272.26  
Molecular Formula  $C_{12}H_{16}O_7$   
Storage Temp. +20°C



Property	Specification	Batch 530BWG
Physical Description	White to off-white crystalline powder or crystals	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in methanol)	Clear to very faintly turbid, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-26.0 - -22.0 ° (c=1, chloroform)	-23.73°
Melting Point	52.0 - 56.0 °C	56.0°C
Assay (GC)	≥ 98.0%	99.6%

Specification Version v1.0  
Manufacture Date 2022-12-28  
Re-Test Date 2031-01-23

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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