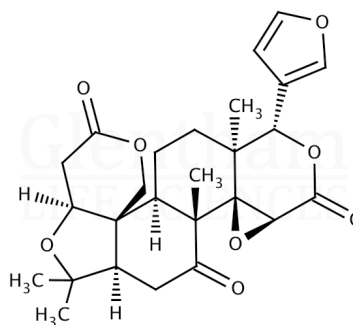


## Certificate of Analysis

Product Name Limonin  
Glentham Code GP4085  
CAS Number 1180-71-8  
MDL Number MFCD00075922  
PubChem SID 310275807  
Batch Number 879HAT

Molecular Weight 470.51  
Molecular Formula  $C_{26}H_{30}O_8$   
Storage Temp. +4°C



Property	Specification	Batch 879HAT
Physical Description	White or almost white powder or crystals	Almost white powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in Dichloromethane)	Clear, colourless to faint yellow solution	Clear, faint yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-116.0 - -120.0 ° (c=1, acetone)	-119.8°
Loss on Drying	≤ 5.0% (105°C)	0.2%
Purity (HPLC)	≥ 95.0%	99.1%

Specification Version v1.1  
Manufacture Date 2024-12-15  
Re-Test Date 2033-01-06

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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