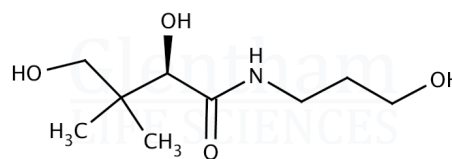


## Certificate of Analysis

Product Name D-Panthenol  
Glentham Code GP8490  
CAS Number 81-13-0  
EINECS 201-327-3  
MDL Number MFCD00065006  
PubChem SID 310278501  
Batch Number 474VFO

Molecular Weight 205.26  
Molecular Formula  $C_9H_{19}NO_4$   
Storage Temp. +4°C



Property	Specification	Batch 474VFO
Physical Description	Clear, colourless to pale yellow viscous liquid	Clear, colourless viscous liquid
Solubility (5% in water)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Water	≤ 1.0%	0.56%
Assay	≥ 98.0%	98.7%

Specification Version v1.0  
Manufacture Date 2021-09-08  
Re-Test Date 2029-10-14

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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