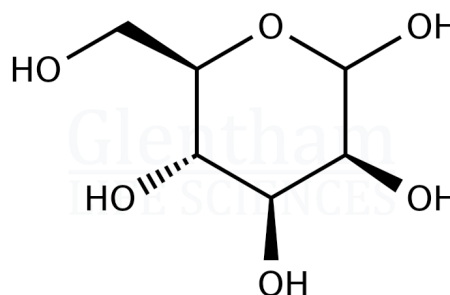


Certificate of Analysis

Product Name	D-(+)-Mannose
Glentham Code	GC7397
CAS Number	3458-28-4
EINECS	222-392-4
MDL-Nummer	MFCD00064122
PubChem SID	310276046
Batch Number	140XUW

Molecular Weight	180.16
Molecular Formula	C ₆ H ₁₂ O ₆
Storage Temp.	+20°C



Property	Specification	Batch 140XUW
Physical Description	White crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation	+13.5 - +14.3 °	+13.9 °
Melting Point	126 - 134 °C	126 - 132 °C
Loss on Drying	≤ 0.5%	0.1%
Heavy Metals	≤ 10ppm	≤ 5ppm
Assay	≥ 99.0% (dried basis)	99.8%

Specification Version	v1.1
Manufacture Date	2021-07-09
Re-Test Date	2030-11-15

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 or contact us using the details above for the current version of this document.

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