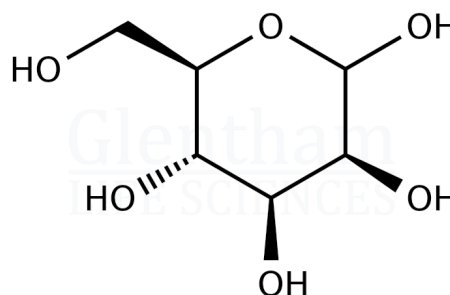


Product Specification

Product Name	D-(+)-Mannose, 99%, from wood
Glentham Code	GC8181
CAS Number	3458-28-4
EINECS	222-392-4
MDL-Nummer	MFCD00064122
Molecular Weight	180.16
Molecular Formula	$C_6H_{12}O_6$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Solubility (5% in water)	Clear, colourless to very faint yellow solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+13.3 - +14.3 °
Melting Point	126 - 134 °C
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Lead (Pb)	≤ 1ppm
Mercury (Hg)	≤ 1ppm
Residue on Ignition	≤ 0.1%
Purity (HPLC)	≥ 99.0%
Source	Wood (birch)

Specification Version	-	v1.0
Date Created	-	2019-05-22

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025