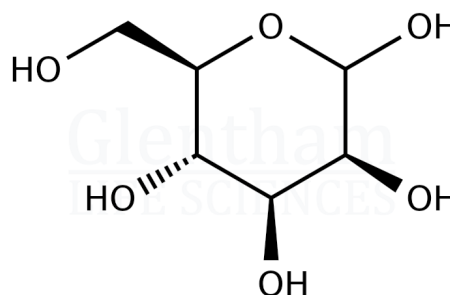


## Product Specification

Product Name	D-(+)-Mannose, 99%, from wood
Glentham Code	GC8181
CAS Number	3458-28-4
EINECS	222-392-4
MDL Number	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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