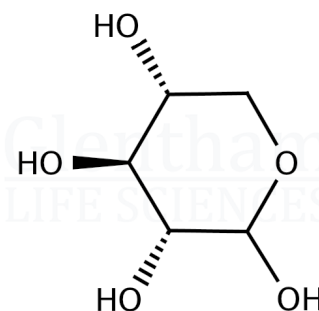


## Product Specification

Product Name	D-(+)-Xylose, USP grade
Glentham Code	GC4822
CAS Number	58-86-6
EINECS	200-400-7
MDL Number	MFCD00064360
Molecular Weight	150.13
Molecular Formula	$C_5H_{10}O_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification (TLC)	To pass test
Identification (GC)	To pass test
Solubility (10% in water)	Clear, colourless solution
Specific Optical Rotation	+18.2 - +19.4 ° (c=10, 0.012N NH <sub>4</sub> OH)
Loss on Drying	≤ 0.1%
Residue on Ignition	≤ 0.05%
Iron (Fe)	≤ 5ppm
Organic Impurities	To pass test
Chromatographic Purity	To pass test
Assay	98.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2023-03-22

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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