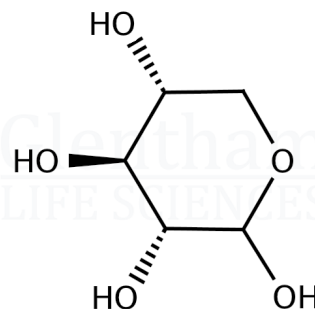


Product Specification

Product Name	D-(+)-Xylose, USP grade
Glenthams 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 ₄ 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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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