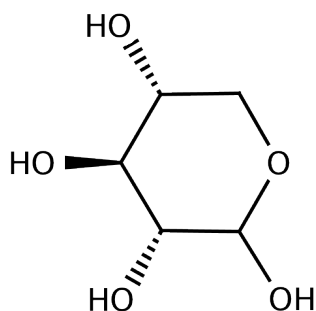


## Product Specification

Product Name	D-(+)-Xylose
Glentham Code	GC9897
CAS Number	58-86-6
EINECS	200-400-7
MDL Number	MFCD00064360
PubChem SID	310281788
Molecular Weight	150.13
Molecular Formula	C5H10O5
Storage Temp.	+20°C



Property	Specification
Physical Description	White to colourless crystalline powder
Identification	To conform to standard
Solubility (10% in water)	Clear, colourless solution
pH (10% in water)	3.0 - 6.0
Acidity or Alkalinity	≤ 0.2ml (of 0.1M NaOH)
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+18.5 - +19.5 °
Chloride (Cl)	≤ 50ppm
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 1ppm
Residue on Ignition	≤ 0.05%
Loss on Drying	≤ 0.5% (105°C)
Assay	≥ 98.5%
Pharmacopoeia Specification(s)	BP

Specification Version	-	v1.1
Date Created	-	2020-11-04

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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