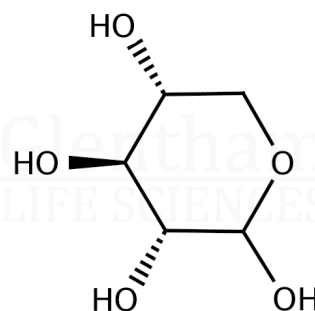


Product Specification

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	$C_5H_{10}O_5$
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 ([α] _{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 or contact us using the details above for the current version of this document.

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