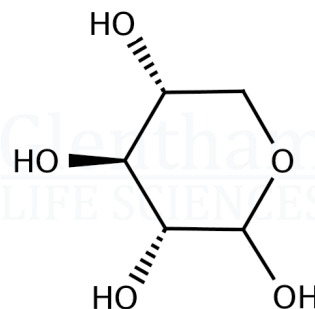


Certificate of Analysis

Product Name D-(+)-Xylose
Glentham Code GC9897
CAS Number 58-86-6
EINECS 200-400-7
MDL Number MFCD00064360
PubChem SID 310281788
Batch Number 150SJI

Molecular Weight 150.13
Molecular Formula $C_5H_{10}O_5$
Storage Temp. +20°C



Property	Specification	Batch 150SJI
Physical Description	White to colourless crystalline powder	White crystalline powder
Identification	To conform to standard	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (10% in water)	3.0 - 6.0	5.8
Acidity or Alkalinity	≤ 0.2ml (of 0.1M NaOH)	≤ 0.1ml
Specific Optical Rotation ($[\alpha]_{20/D}$)	+18.5 - +19.5 °	+19.4°
Chloride (Cl)	≤ 50ppm	10ppm
Heavy Metals (as Pb)	≤ 10ppm	≤ 5ppm
Arsenic (As)	≤ 1ppm	Conforms
Residue on Ignition	≤ 0.05%	0.03%
Loss on Drying	≤ 0.5% (105°C)	≤ 0.1%
Assay	≥ 98.5%	99.0%
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version v1.1
Manufacture Date 2024-01-16
Re-Test Date 2032-04-18

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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