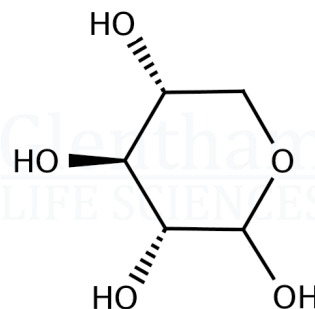


Certificate of Analysis

Product Name D-(+)-Xylose
Glenthams Code GC9897
CAS Number 58-86-6
EINECS 200-400-7
MDL Number MFCD00064360
PubChem SID 310281788
Batch Number 971SXN

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



Property	Specification	Batch 971SXN
Physical Description	White to colourless crystalline powder	White crystalline powder
Identification	To conform to standard	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	3.0 - 6.0	5.9
Acidity or Alkalinity	≤ 0.2ml (of 0.1M NaOH)	0.05ml
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	0.06ppm
Residue on Ignition	≤ 0.05%	0.03%
Loss on Drying	≤ 0.5% (105°C)	0.1%
Assay	≥ 98.5%	99.1%
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version v1.1
Manufacture Date 2021-11-26
Re-Test Date 2030-05-20

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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