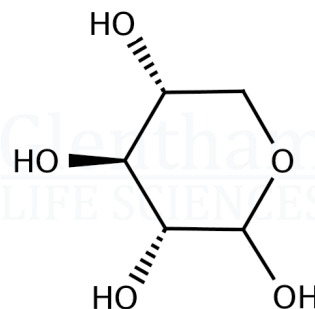


Product Specification

| | |
|---------------|--------------|
| 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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024