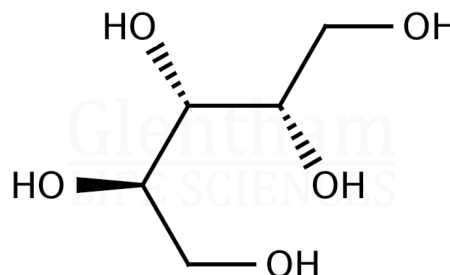


Certificate of Analysis

Product Name	Xylitol
Glentham Code	GC3694
CAS Number	87-99-0
EINECS	201-788-0
MDL Number	MFCD00064292
PubChem SID	310281782
Batch Number	019UEC
Molecular Weight	152.15
Molecular Formula	$C_5H_{12}O_5$
Storage Temp.	+20°C



Property	Specification	Batch 019UEC
Physical Description	White crystalline powder	White crystalline powder
Identification	According to EP, USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	5.0 - 7.0	5.9
Melting Point	92 - 96 °C	95.4°C
Heavy Metals	≤ 1ppm	≤ 1ppm
Arsenic (As)	≤ 0.5ppm	≤ 0.3ppm
Lead (Pb)	≤ 0.3ppm	≤ 0.3ppm
Nickel (Ni)	≤ 1ppm	≤ 1ppm
Chloride	≤ 40ppm	≤ 40ppm
Sulphate	≤ 50ppm	≤ 50ppm
Other Polyols	≤ 1.0% (dried basis)	≤ 0.2%
Water	≤ 0.5%	0.1%
Conductivity	≤ 20μS/cm	5.9μS/cm
Reducing Sugars	≤ 0.2%	≤ 0.2%
Assay	98.5 - 101.0 % (dried basis)	99.5%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-04-01
Re-Test Date	2030-09-29

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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