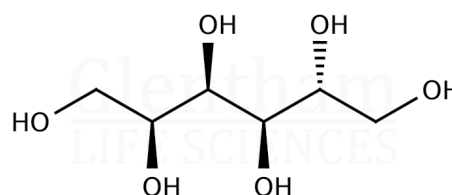


## Certificate of Analysis

Product Name	D-Sorbitol, Ph. Eur., USP/NF grade
Glentham Code	GC1670
CAS Number	50-70-4
EINECS	200-061-5
MDL Number	MFCD00004708
Batch Number	852WOU
Molecular Weight	182.17
Molecular Formula	$C_6H_{14}O_6$
Storage Temp.	+20°C



Property	Specification	Batch 852WOU
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification	A, B, C, D according to Ph. Eur.	Conforms. MP: 98 - 100 °C
Identification	A, B according to USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (10% in water)	3.5 - 7.0	Conforms
Specific Optical Rotation	+4.0 - +7.0 °	Conforms
Conductivity	≤ 20μS/cm (20% wt./v in water)	Conforms
Reducing Sugars	≤ 0.2%	Conforms
Reducing Sugars	≥ 12.8ml (of 0.05M Na <sub>2</sub> O <sub>3</sub> S <sub>2</sub> required)	Conforms
D-Mannitol	≤ 2.0%	Conforms
D-Iditol	≤ 2.0%	Conforms
D-Maltitol	≤ 2.0%	Conforms
Any Individual Impurity (HPLC)	≤ 2.0%	Conforms
Total Impurities (HPLC)	≤ 3.0%	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Nickel (Ni)	≤ 1ppm	Conforms
Residue on Ignition	≤ 0.1%	≤ 0.02%
Water	≤ 1.5%	0.2%
Total Aerobic Microbial Count	≤ 1000CFU/g	Conforms
Total Yeast and Mould Count	≤ 100CFU/g	Conforms
Assay	97.0 - 100.5 %	Conforms
Pharmacopoeia Specification(s)	Ph. Eur., USP/NF grade	Conforms to Ph. Eur., USP/NF

Specification Version	v1.0
Manufacture Date	2020-07-22
Re-Test Date	2028-08-24

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](http://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, 2025