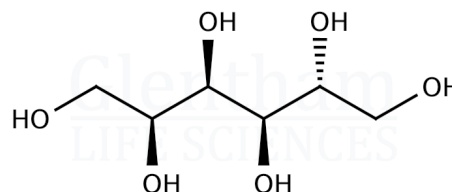


Certificate of Analysis

Product Name	D-Sorbitol, Ph. Eur., USP/NF grade
Glentham Code	GC1670
CAS Number	50-70-4
EINECS	200-061-5
MDL-Nummer	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	Entspricht
Solubility (10% in water)	Clear, colourless solution	Entspricht
pH (10% in water)	3.5 - 7.0	Entspricht
Specific Optical Rotation	+4.0 - +7.0 °	Entspricht
Conductivity	≤ 20µS/cm (20% wt./v in water)	Entspricht
Reducing Sugars	≤ 0.2%	Entspricht
Reducing Sugars	≥ 12.8ml (of 0.05M Na ₂ O ₃ S ₂ required)	Entspricht
D-Mannitol	≤ 2.0%	Entspricht
D-Iditol	≤ 2.0%	Entspricht
D-Maltitol	≤ 2.0%	Entspricht
Any Individual Impurity (HPLC)	≤ 2.0%	Entspricht
Total Impurities (HPLC)	≤ 3.0%	Entspricht
Lead (Pb)	≤ 0.5ppm	Entspricht
Nickel (Ni)	≤ 1ppm	Entspricht
Residue on Ignition	≤ 0.1%	≤ 0.02%
Water	≤ 1.5%	0.2%
Total Aerobic Microbial Count	≤ 1000CFU/g	Entspricht
Total Yeast and Mould Count	≤ 100CFU/g	Entspricht
Assay	97.0 - 100.5 %	Entspricht
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 or contact us using the details above for the current version of this document.

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