

Product Datasheet

GC1670 - D-Sorbitol, Ph. Eur.,

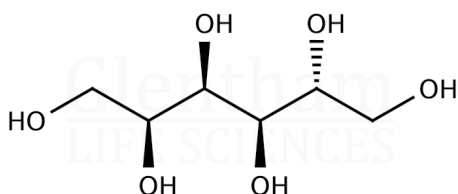
USP/NF grade

Product Details

Product Name	D-Sorbitol, Ph. Eur., USP/NF grade
Glenthams Code	GC1670
CAS Number	50-70-4
EINECS	200-061-5
Numéro MDL	MFCD00004708
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Raw Materials (IVD), PCR

Structure

Molecular Weight	: 182.17
Molecular Formula	: C ₆ H ₁₄ O ₆



Physical Description	: White or almost white crystalline powder
Identification	: A, B, C, D according to Ph. Eur.
Identification	: A, B according to USP
Solubility (10% in water)	: Clear, colourless solution
pH (10% in water)	: 3.5 - 7.0
Specific Optical Rotation	: +4.0 - +7.0 °
Conductivity	: ≤ 20μS/cm (20% wt./v in water)
Reducing Sugars	: ≤ 0.2%
Reducing Sugars	: ≥ 12.8ml (of 0.05M Na ₂ O ₃ S ₂ required)
D-Mannitol	: ≤ 2.0%
D-Iditol	: ≤ 2.0%
D-Maltitol	: ≤ 2.0%
Any Individual Impurity (HPLC)	: ≤ 2.0%
Total Impurities (HPLC)	: ≤ 3.0%
Lead (Pb)	: ≤ 0.5ppm
Nickel (Ni)	: ≤ 1ppm
Residue on Ignition	: ≤ 0.1%
Water	: ≤ 1.5%
Total Aerobic Microbial Count	: ≤ 1000CFU/g
Total Yeast and Mould Count	: ≤ 100CFU/g
Assay	: 97.0 - 100.5 %
Pharmacopoeia Specification(s)	: Ph. Eur., USP/NF grade
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glenthams Product Specification

About D-Sorbitol, Ph. Eur., USP/NF grade

No further details on record.

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