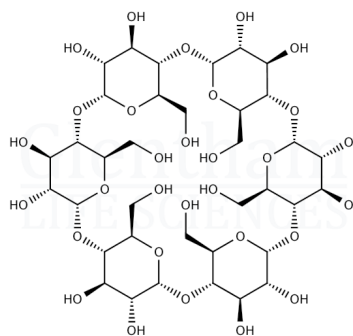


Product Specification

Product Name	alpha-Cyclodextrin, Ph. Eur. grade
Glentham Code	GP9262
CAS Number	10016-20-3
EINECS	233-007-4
MDL-Nummer	MFCD00078207

Molecular Weight	972.86
Molecular Formula	$C_{36}H_{60}O_{30} \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white, amorphous or crystalline powder
Identification	A, B, C according to EP
Solubility (1% in water)	Clear, colourless solution
pH	5.0 - 8.0
Specific Optical Rotation	+147 - +152 °
Reducing Sugars	≤ 0.2%
Light-Absorbing Impurities	≤ 0.05 (350 - 750nm)
Individual Impurities	≤ 0.25% (A, B according to EP)
Total Other Impurities	≤ 0.5%
Heavy Metals	≤ 10ppm
Loss on Drying	≤ 11.0%
Residue on Ignition	≤ 0.1%
Assay (dried basis)	98.0 - 101.0 %
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.0
Date Created	- 2021-12-22

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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