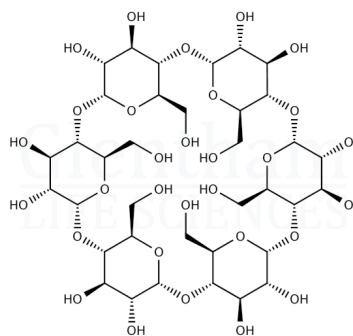


## Product Specification

Product Name	alpha-Cyclodextrin, Ph. Eur. grade
Glentham Code	GP9262
CAS Number	10016-20-3
EINECS	233-007-4
MDL Number	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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