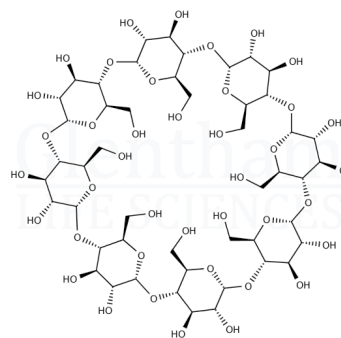


## Product Specification

Product Name	gamma-Cyclodextrin
Glentham Code	GC9842
CAS Number	17465-86-0
EINECS	241-482-4
MDL Number	MFCD00009595
Additional CAS	91464-90-3
PubChem SID	310270643

Molecular Weight	1297.12 (anhydrous)
Molecular Formula	$C_{48}H_{80}O_{40} \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white powder
Solubility (5% in 1M NH4OH)	Clear to faintly turbid, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+173 - +180 ° (c=1, water)
Loss on Drying	≤ 12.0%
Assay	≥ 98.0% (dried basis)

Specification Version	-	v1.1
Date Created	-	2019-11-13

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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