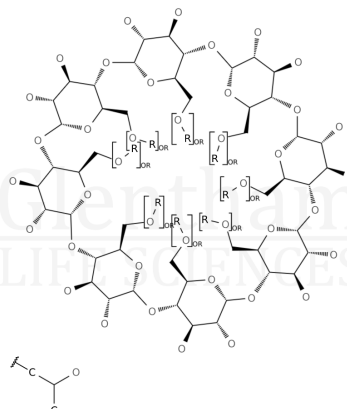


## Certificate of Analysis

Product Name	(2-Hydroxypropyl)-gamma-cyclodextrin
Glentham Code	GX9244
CAS Number	128446-34-4
MDL Number	MFCD00148890
Batch Number	757GMS

Molecular Weight	1297.2 + n·(58.1)
Molecular Formula	$C_{48}H_{80}nO_{40} \cdot (C_3H_7O)_n$
Storage Temp.	+20°C



Property	Specification	Batch 757GMS
Physical Description	White to off-white powder	White powder
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	5.0 - 8.5	7.5
gamma-Cyclodextrin	≤ 1.5%	0.2%
Water	≤ 10.0%	3.7%
Molar Substitution	0.4 - 0.9	0.77
Assay	≥ 98.0%	99.7%

Specification Version	v1.0
Manufacture Date	2021-03-30
Re-Test Date	2029-05-16

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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