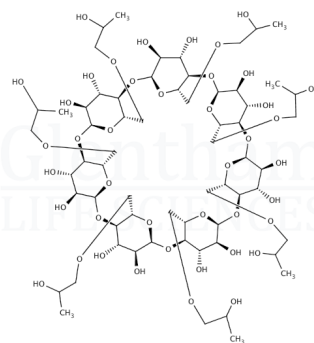


## Product Specification

Product Name	2-Hydroxypropyl-beta-cyclodextrin, USP grade
Glentham Code	GE3201
CAS Number	128446-35-5
EINECS	420-920-1
MDL Number	MFCD00069372
Additional CAS	94035-02-6
Molecular Weight	N/A
Molecular Formula	N/A
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification (IR)	To conform to standard
Solubility (50% in water)	Clear solution
Heavy Metals	≤ 20ppm
Loss on Drying	≤ 10.0%
Conductivity	≤ 200μS/cm (10% in water)
Betadex	≤ 1.5%
Any Other Individual Impurity	≤ 0.25%
Total Other Impurities	≤ 1.0%
Propylene Glycol	≤ 2.5%
Propylene Oxide	≤ 1ppm
Molar Substitution	Reported
Total Aerobic Microbial Count	≤ 1000CFU/g
Total Combined Yeast and Mould Count	≤ 100CFU/g
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2018-07-13

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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