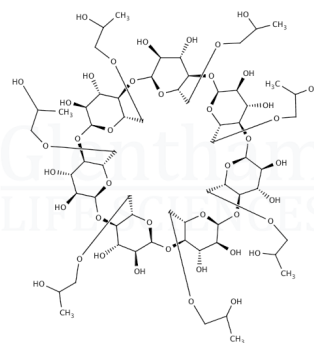


Product Specification

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 or contact us using the details above for the current version of this document.

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