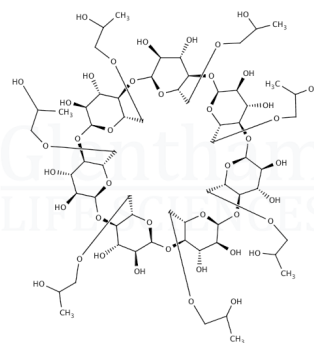


Certificate of Analysis

Product Name 2-Hydroxypropyl-beta-cyclodextrin
Glentham Code GE5756
CAS Number 128446-35-5
EINECS 420-920-1
MDL Number MFCD00069372
Additional CAS 94035-02-6
PubChem SID 310275021
Batch Number 250MAW

Molecular Weight N/A
Molecular Formula N/A
Storage Temp. +20°C



Property	Specification	Batch 250MAW
Physical Description	White powder	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Molar Substitution	0.4 - 1.5 (NMR)	0.7
Loss on Drying	≤ 10.0%	4.1%
Heavy Metals	≤ 20ppm	Conforms
Residue on Ignition	≤ 0.2%	Conforms
Cyclodextrin Content	≥ 99% (HPLC)	≥ 99%

Specification Version v1.1
Manufacture Date 2023-07-31
Re-Test Date 2031-06-27

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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