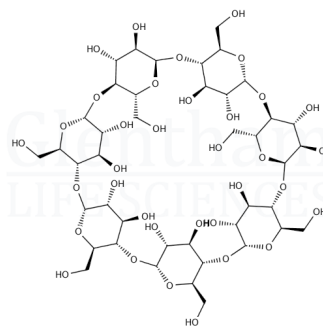


Certificate of Analysis

Product Name beta-Cyclodextrin
Glentham Code GC8805
CAS Number 7585-39-9
EINECS 231-493-2
MDL-Nummer MFCD00078139
Zusätzliche CAS 68168-23-0
Batch Number 123EHS

Molecular Weight 1134.98
Molecular Formula $C_{42}H_{70}O_{35}$
Storage Temp. -20°C



Property	Specification	Batch 123EHS
Physical Description	White to almost white powder	White powder
Solubility (1% in water)	Clear, colourless solution	Clear, colorless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+159 - +165 ° (c=1, water)	+161 °
Heavy Metals	≤ 10ppm	5ppm
Loss on Drying	≤ 16.0%	12.6%
Purity	≥ 98.0% (anhydrous basis)	98.4%

Specification Version v1.1
Manufacture Date 2023-01-15
Re-Test Date 2031-03-07

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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