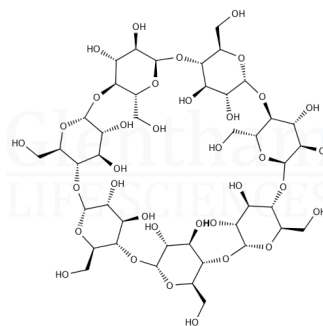


## Product Specification

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

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



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

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.1       |
| Date Created          | - | 2017-03-31 |

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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