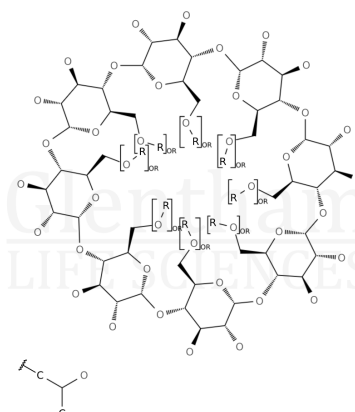


## Product Specification

|               |                                      |
|---------------|--------------------------------------|
| Product Name  | (2-Hydroxypropyl)-gamma-cyclodextrin |
| Glentham Code | GX9244                               |
| CAS Number    | 128446-34-4                          |
| MDL Number    | MFCD00148890                         |

|                   |   |
|-------------------|---|
| Molecular Weight  | 1297.2 + n·(58.1)                       |
| Molecular Formula | $C_{48}H_{80}nO_{40} \cdot (C_3H_7O)_n$ |
| Storage Temp.     | +20°C                                   |



| Property                  | Specification              |
|---------------------------|----------------------------|
| Physical Description      | White to off-white powder  |
| Solubility (10% in water) | Clear, colourless solution |
| pH (10% in water)         | 5.0 - 8.5                  |
| gamma-Cyclodextrin        | ≤ 1.5%                     |
| Water                     | ≤ 10.0%                    |
| Molar Substitution        | 0.4 - 0.9                  |
| Assay                     | ≥ 98.0%                    |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2020-07-05 |

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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