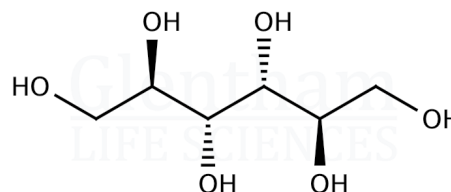


## Product Specification

|                   |   |
|-------------------|---|
| Product Name      | D-Mannitol                                    |
| Glentham Code     | GC5587  |
| CAS Number        | 69-65-8                                       |
| EINECS            | 200-711-8                                     |
| MDL Number        | MFCD00064287                                  |
| PubChem SID       | 310276022                                     |
| Molecular Weight  | 182.17  |
| Molecular Formula | C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> |
| Storage Temp.     | +20°C   |



| Property  | Specification                       |
|---|-------------------------------------|
| Physical Description                            | White powder                        |
| Solubility (10% in water)                       | Clear, colourless solution          |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | +23.0 - +25.0 ° (c=10, borax soln.) |
| Melting Point                                   | 165 - 170 °C                        |
| Heavy Metals                                    | ≤ 10ppm                             |
| Assay   | 98.0 - 102.0 % (dried basis)        |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.1       |
| Date Created          | - | 2019-08-21 |

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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