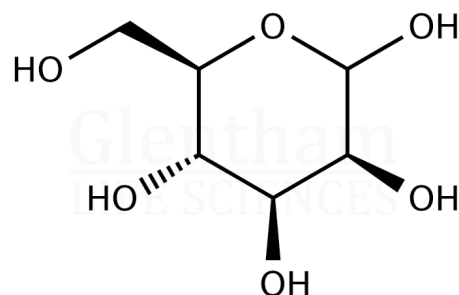


## Product Specification

|               |               |
|---------------|---------------|
| Product Name  | D-(+)-Mannose |
| Glentham Code | GC7397        |
| CAS Number    | 3458-28-4     |
| EINECS        | 222-392-4     |
| MDL-Nummer    | MFCD00064122  |
| PubChem SID   | 310276046     |

|                   |                |
|-------------------|----------------|
| Molecular Weight  | 180.16         |
| Molecular Formula | $C_6H_{12}O_6$ |
| Storage Temp.     | +20°C          |



| Property                  | Specification              |
|---------------------------|----------------------------|
| Physical Description      | White crystalline powder   |
| Solubility (5% in water)  | Clear, colourless solution |
| Specific Optical Rotation | +13.5 - +14.3 °            |
| Melting Point             | 126 - 134 °C               |
| Loss on Drying            | ≤ 0.5%                     |
| Heavy Metals              | ≤ 10ppm                    |
| Assay                     | ≥ 99.0% (dried basis)      |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2016-10-14 |

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025