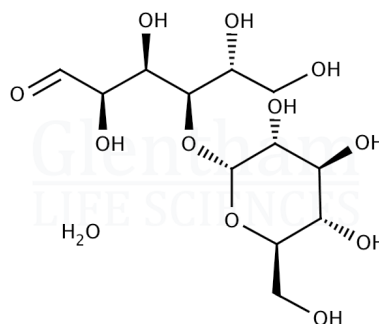


Product Specification

| | |
|-------------------|---|
| Product Name | D-(+)-Maltose monohydrate, USP/NF grade |
| Glentham Code | GC5556 |
| CAS Number | 6363-53-7 |
| EINECS | 200-716-5 |
| MDL Number | MFCD00149343 |
| Additional CAS | 69-79-4 (anhydrous) |
| PubChem SID | 310275997 |
| Molecular Weight | 360.32 |
| Molecular Formula | $C_{12}H_{22}O_{11} \cdot H_2O$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------------------|---|
| Physical Description | White powder |
| Identification (IR) | To conform to standard |
| Identification | To pass tests A (copper tartrate reaction); B (HPLC RT) |
| pH (10% in water) | 4.0 - 5.5 |
| Test for dextrin, starch and sulfite | To pass test |
| Water | 5.0 - 6.5 % |
| Residue on Ignition | ≤ 0.05% |
| Heavy Metals (as Pb) | ≤ 5ppm |
| Assay (HPLC) | ≥ 92.0% (anhydrous basis) |
| Pharmacopoeia Specification(s) | USP |

| | |
|-----------------------|--------------|
| Specification Version | - v1.1 |
| Date Created | - 2021-07-01 |

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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