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Certificate of Analysis

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 Batch Number 340BMH

Molecular Weight 360.32

 $\text{Molecular Formula} \qquad \qquad \text{C}_{12}\text{H}_{22}\text{O}_{11}\cdot\text{H}_2\text{O}$

Storage Temp. +20°C

OH OH

Conforms

Property Specification Batch 340BMH Physical Description White powder White powder Identification (IR) To conform to standard Conforms Identification To pass tests A (copper tartrate reaction); B Conforms (HPLC RT) pH (10% in water) 4.0 - 5.55.0 Test for dextrin, starch and sulfite To pass test Conforms Water 5.0 - 6.5 % 5.6% Residue on Ignition ≤ 0.05% 0.00% Heavy Metals (as Pb) ≤ 5ppm Conforms Assay (HPLC) ≥ 92.0% (anhydrous basis) 95.4%

Specification Version v1.1

Manufacture Date 2023-03-04

Re-Test Date 2030-03-01

Pharmacopoeia Specification(s)

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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