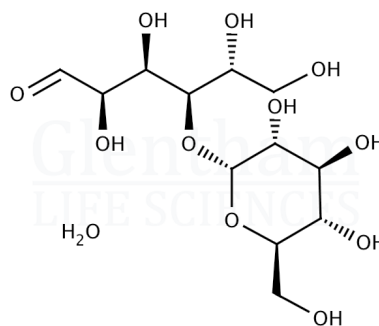


Certificate of Analysis

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
Molecular Formula	$C_{12}H_{22}O_{11} \cdot H_2O$
Storage Temp.	+20°C



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 (HPLC RT)	Conforms
pH (10% in water)	4.0 - 5.5	5.0
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%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.1
Manufacture Date	2023-03-04
Re-Test Date	2030-03-01

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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