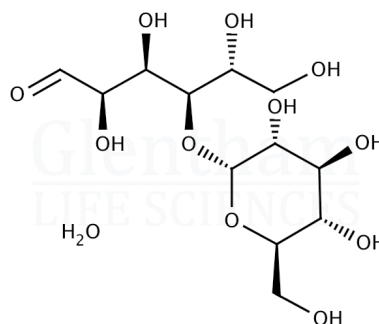


## Certificate of Analysis

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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