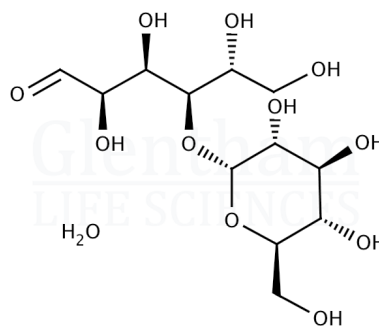


Product Specification

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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