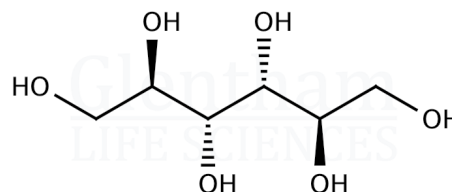


Certificate of Analysis

Product Name D-Mannitol
Glentham Code GC5587
CAS Number 69-65-8
EINECS 200-711-8
MDL Number MFCD00064287
PubChem SID 310276022
Batch Number 971BJI

Molecular Weight 182.17
Molecular Formula $C_6H_{14}O_6$
Storage Temp. +20°C



Property	Specification	Batch 971BJI
Physical Description	White powder	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	+23.0 - +25.0 ° (c=10, borax soln.)	+24.2°
Melting Point	165 - 170 °C	166 - 168°C
Heavy Metals	≤ 10ppm	Conforms
Assay	98.0 - 102.0 % (dried basis)	99.9%

Specification Version v1.1
Manufacture Date 2021-11-02
Re-Test Date 2030-02-17

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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