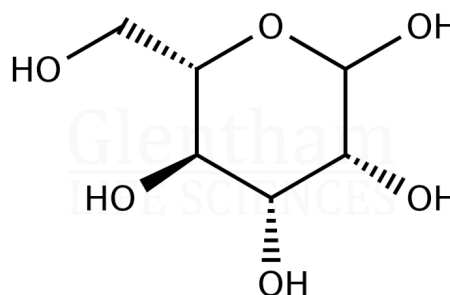


Certificate of Analysis

Product Name L-(-)-Mannose
Glentham Code GC8426
CAS Number 10030-80-5
EINECS 233-080-2
MDL Number MFCD00063884
PubChem SID 310276045
Batch Number 314PAF

Molecular Weight 180.16
Molecular Formula $C_6H_{12}O_6$
Storage Temp. +20°C



Property	Specification	Batch 314PAF
Physical Description	White to off-white powder	White powder
Solubility (10% in water)	Clear, colourless to very faint yellow solution	Clear, colourless solution*
Specific Optical Rotation ($[\alpha]_{20/D}$)	-13.5 - -15.5 ° (c=4, water)	-14.0 °
Residue on Ignition	≤ 0.25%	0.01%
Assay (HPLC)	≥ 98.0%	99.2%

Specification Version v1.0
Manufacture Date 2020-01-18
Re-Test Date 2028-12-02

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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