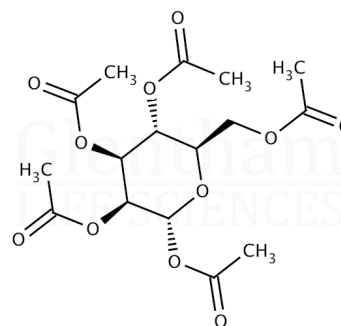


Certificate of Analysis

Product Name	a-D-Mannose pentaacetate
Glentham Code	GC3160
CAS Number	4163-65-9
MDL Number	MFCD00069798
PubChem SID	310276047
Batch Number	143TPZ
Molecular Weight	390.34
Molecular Formula	C ₁₆ H ₂₂ O ₁₁
Storage Temp.	-20°C



Property	Specification	Batch 143TPZ
Physical Description	White to almost white crystalline powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in chloroform)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+52.0 - +56.0 ° (c=2, chloroform)	+54.6°
Purity (GC)	≥ 98.0%	99.1%

Specification Version	v1.0
Manufacture Date	2023-03-26
Re-Test Date	2030-05-05

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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