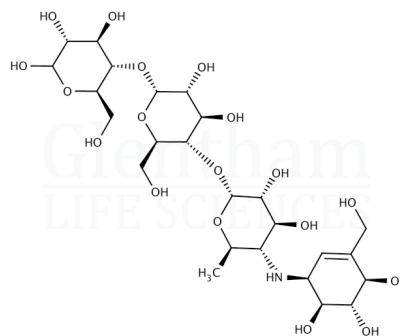


Certificate of Analysis

Product Name	Acarbose
Glentham Code	GC8557
CAS Number	56180-94-0
EINECS	260-030-7
MDL Number	MFCD00869592
PubChem SID	310265271
Batch Number	266VMB

Molecular Weight	645.61
Molecular Formula	$C_{25}H_{43}NO_{18}$
Storage Temp.	+20°C



Property	Specification	Batch 266VMB
Physical Description	White to off-white powder	Off-white powder
Solubility (5% in water)	Clear solution	Clear solution
Specific Optical Rotation ([α] ₂₀ /D)	+170 - +183 ° (c=1, water, anhydrous)	+178.7°
Heavy Metals	≤ 20ppm	Conforms
Residue on Ignition	≤ 0.2%	0.06%
Loss on Drying	≤ 5.0%	2.31%
Assay	96.0 - 102.0 % (anhydrous basis)	98.8%

Specification Version	v1.1
Manufacture Date	2021-03-01
Re-Test Date	2029-09-22

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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