

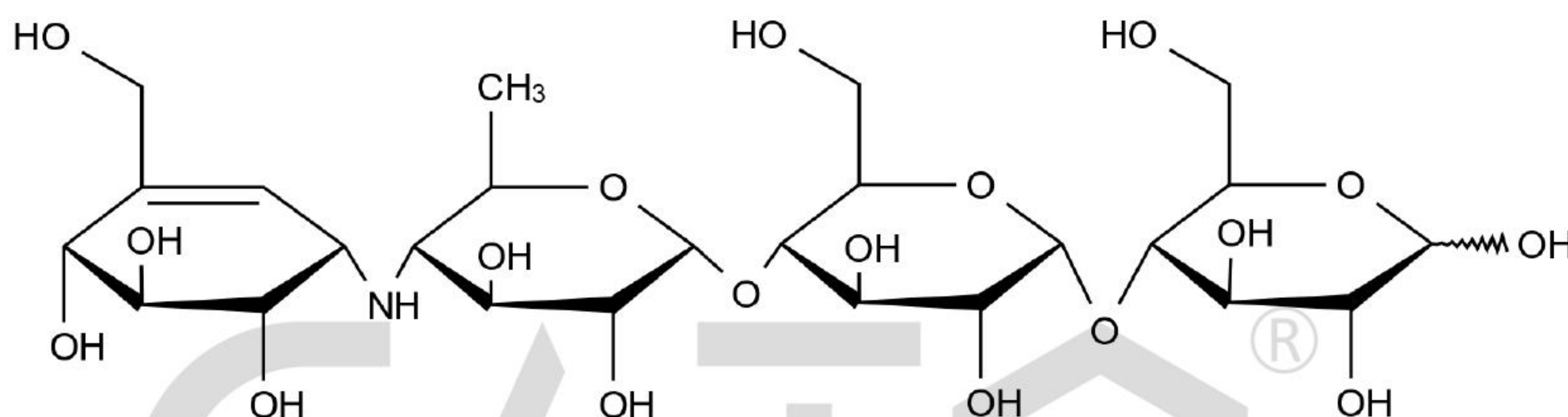
Certificate of Analysis

Reference Material & Standard

Product Name:	Acarbose	Catalogue Number:	C4X-1173
Synonyms:	N/A	Lot Number:	0903-RF-0107
CAS Number:	56180-94-0	Expiry Date:	Sep 04, 2027
Molecular Formula:	C ₂₅ H ₄₃ NO ₁₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	645.60	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.336%
Loss On Drying	TGA	3.5845%
Assay		95.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

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Approved by General Manager:

David

Date: Oct 10, 2024

Date: Oct 10, 2024

Date: Oct 10, 2024

