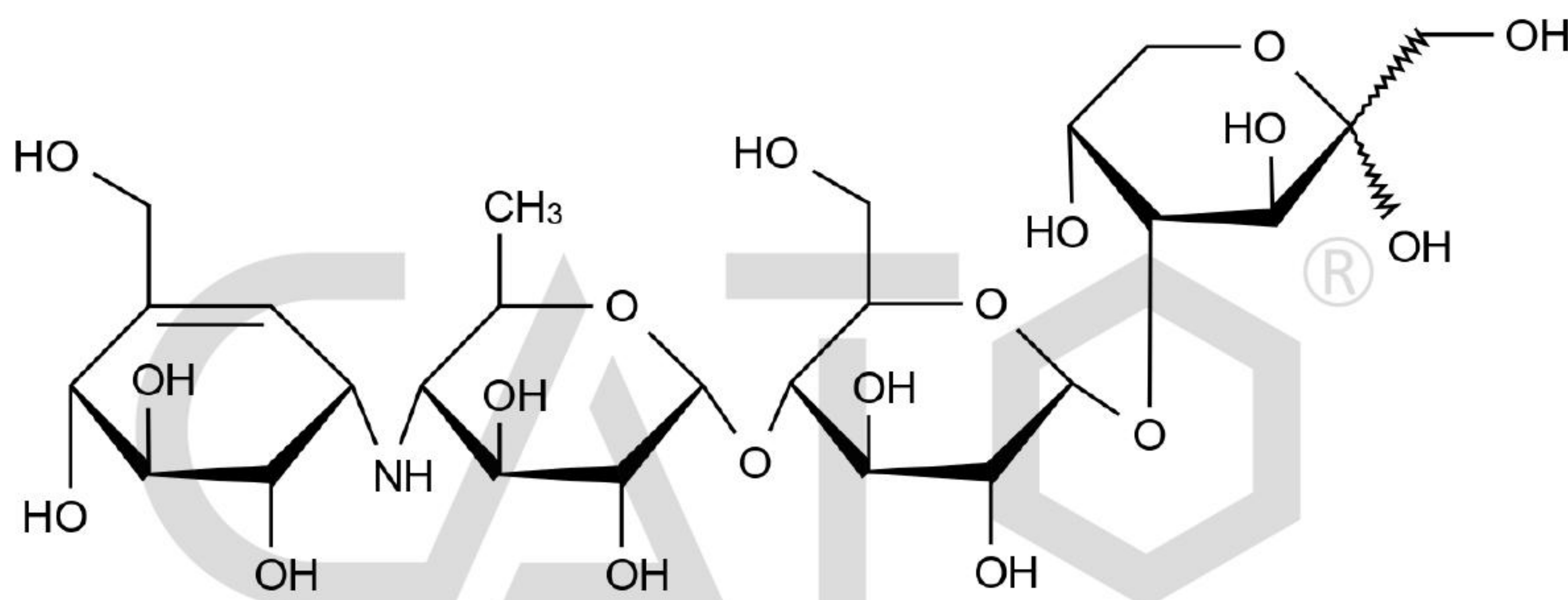


Certificate of Analysis

Reference Material & Standard

Product Name:	Acarbose EP Impurity A	Catalogue Number:	C4X-11731
Synonyms:	Acarbose USP Impurity A/Acarbose ChP Impurity I	Lot Number:	1226-RF-0044
CAS Number:	1013621-79-8	Expiry Date:	Dec 26, 2027
Molecular Formula:	C ₂₅ H ₄₃ NO ₁₈	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	645.60	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.249%
Loss On Drying	TGA	2.0686%
Assay		93.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 30, 2024

Date: Dec 30, 2024

Date: Dec 30, 2024

