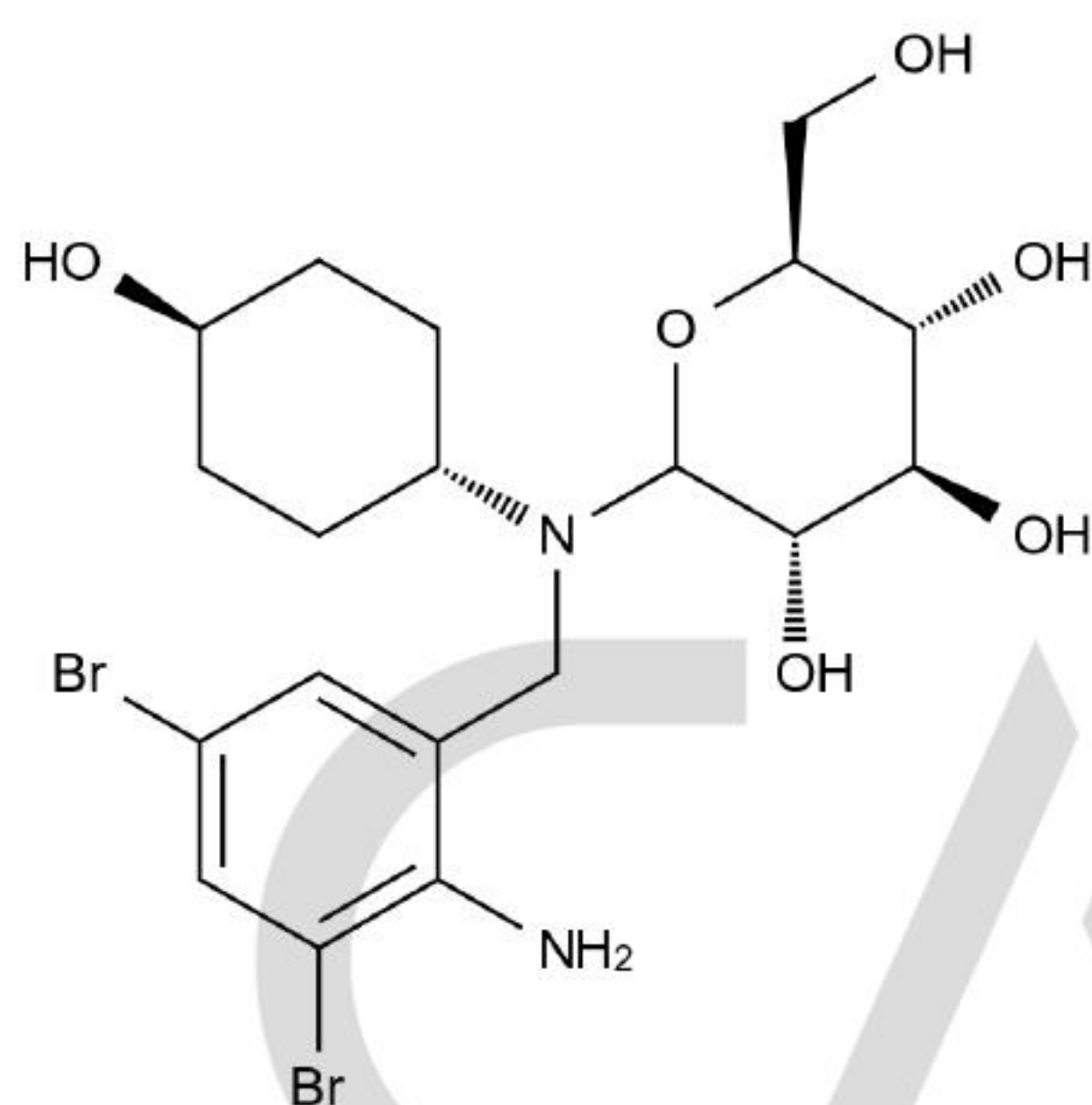


Certificate of Analysis

Reference Material & Standard

Product Name:	Ambroxol Impurity 97	Catalogue Number:	C4X-108597
Synonyms:	N/A	Lot Number:	0715-RG-0038
CAS Number:	N/A	Expiry Date:	Jul 04, 2029
Molecular Formula:	C ₁₉ H ₂₈ Br ₂ N ₂ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	540.24		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.4406%
Loss On Drying	TGA	2.294%
Assay		94.2%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 23, 2025

Date: Jul 23, 2025

Date: Jul 23, 2025

