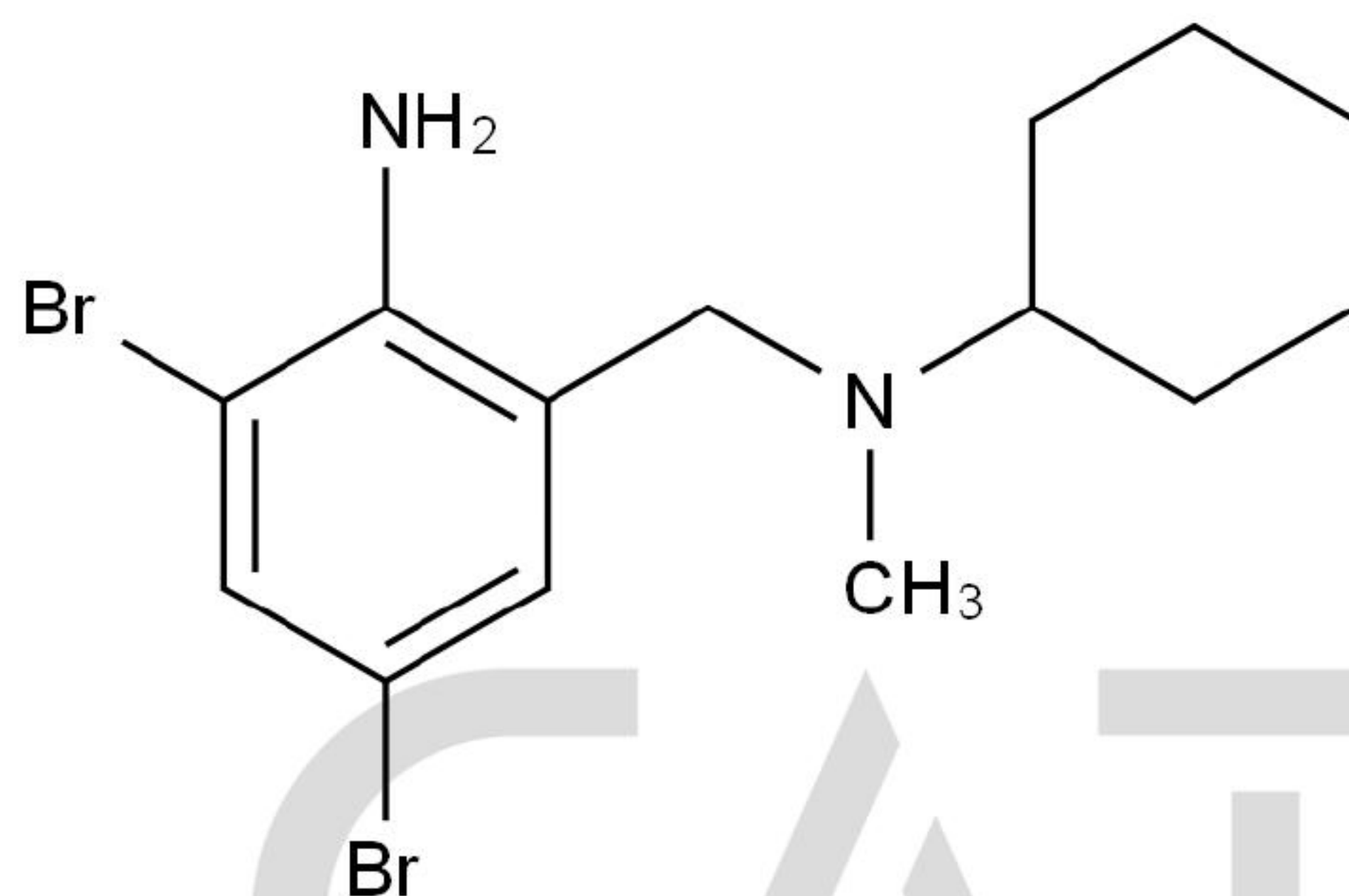


Certificate of Analysis

Reference Material

Product Name:	Bromhexine	Catalogue Number:	C4X-1060
Chemical Name:	N/A	Lot Number:	0707-RD-0008
CAS Number:	3572-43-8	Expiry Date:	Jul 07, 2025
Molecular Formula:	C ₁₄ H ₂₀ Br ₂ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	376.13		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0873%
Residue on Ignition	TGA	0.1561%
Assay		99.8%

Comment:

The calculation of the 100% method follows the formula:

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

Loss On Drying and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Jul 08, 2022

Date: Jul 11, 2022

Date: Jul 11, 2022

