

Certificate of Analysis

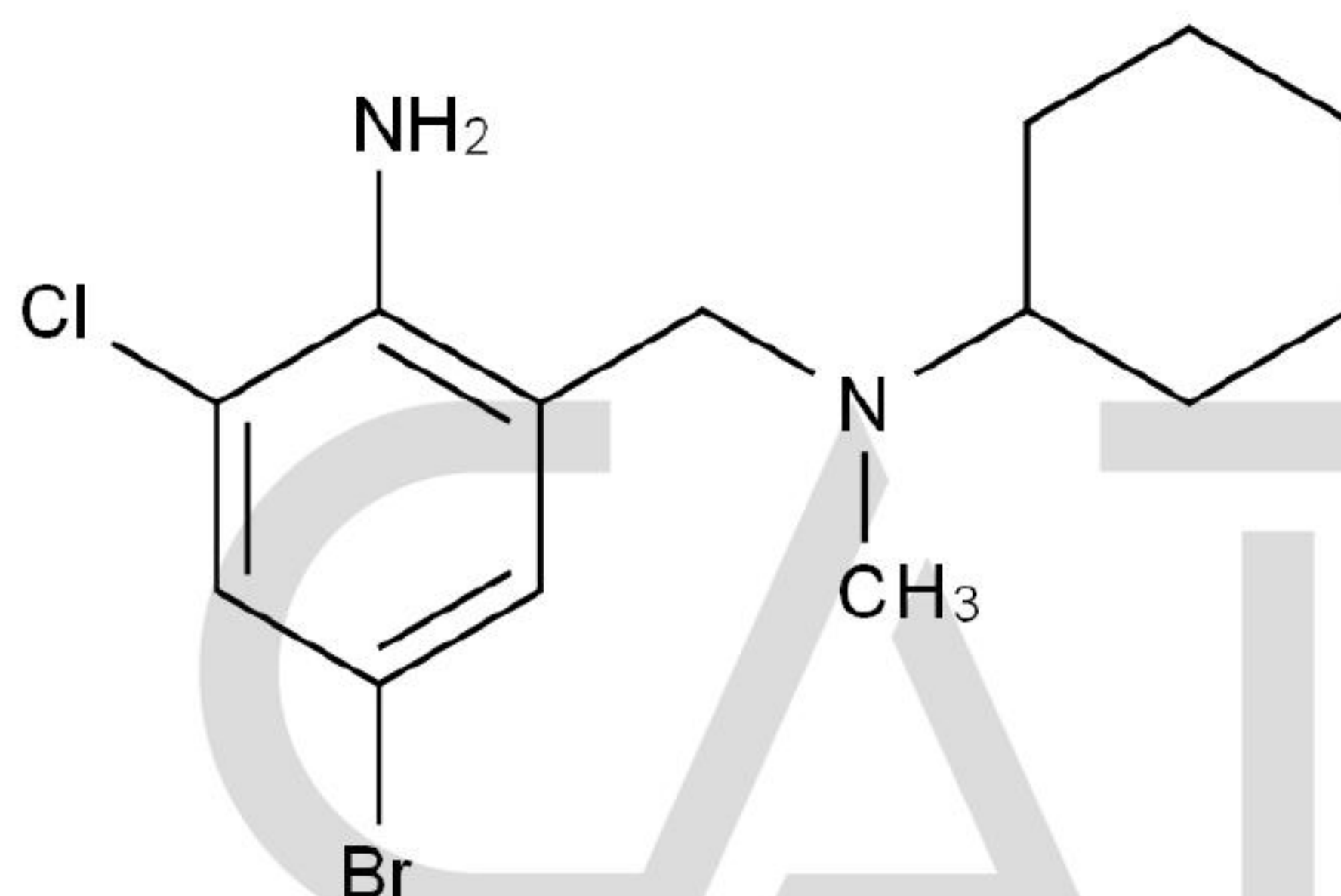
Reference Material & Standard

Product Name:	Bromhexine Impurity 7	Catalogue Number:	C4X-10607
Synonyms:	N/A	Lot Number:	0113-RG-0094
CAS Number:	1631131-52-6	Expiry Date:	Aug 27, 2030
Molecular Formula:	C ₁₄ H ₂₀ BrClN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	331.68	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.644%
Water Content	Karl Fischer	0.14%
Residual Solvents	NMR	Not detected in NMR
Assay		99.5%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 28, 2026

Date: Aug 29, 2026

Date: Aug 29, 2026



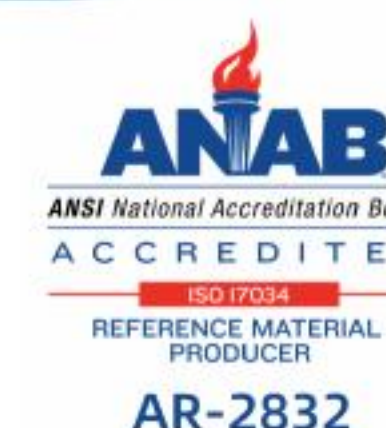
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 5



Official
WeChat