

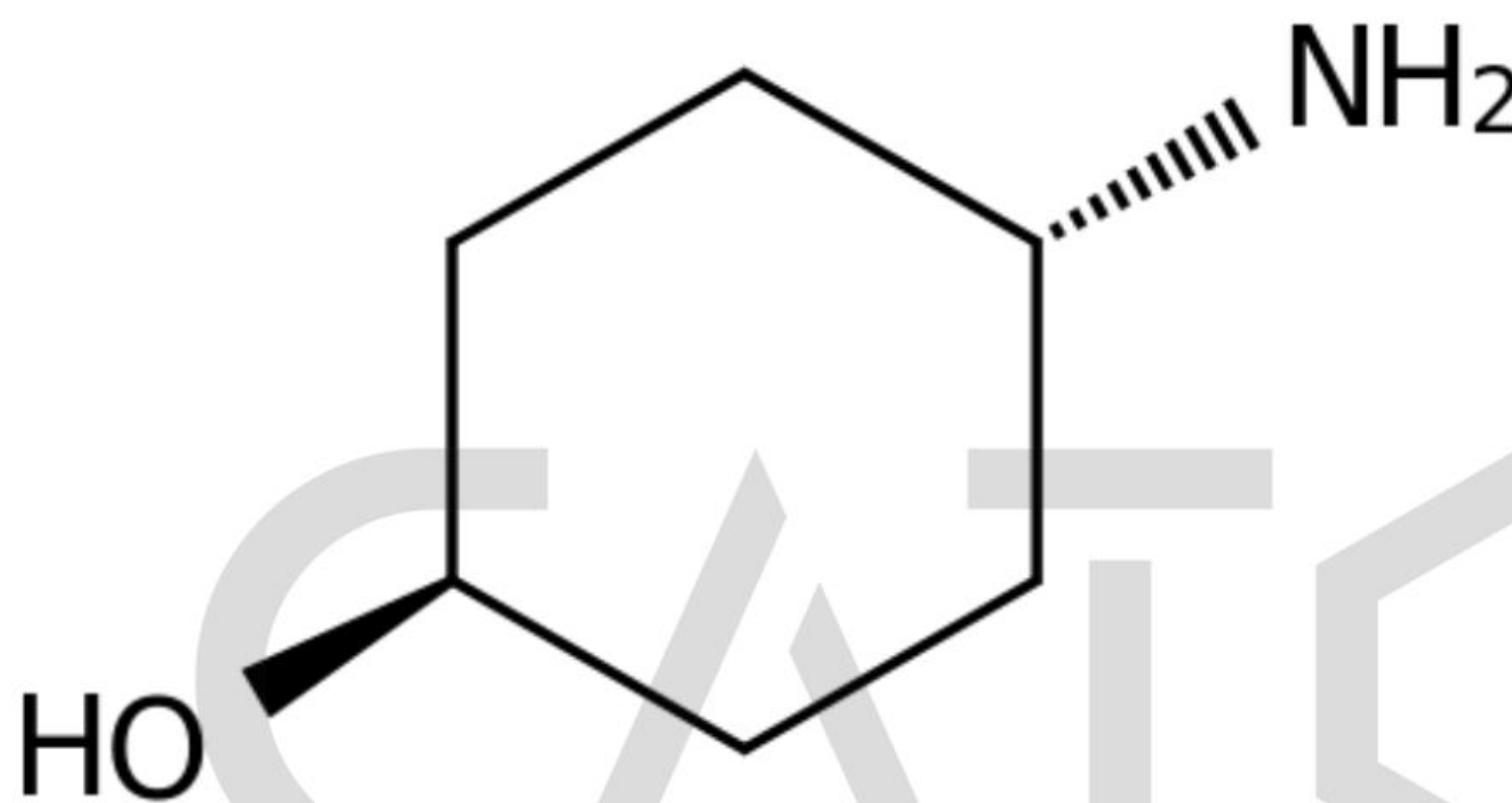
Certificate of Analysis

Reference Material & Standard

Product Name:	Ambroxol Impurity 42	Catalogue Number:	C4X-108542
Synonyms:	trans-4-Aminocyclohexanol	Lot Number:	0702-RG-0038
CAS Number:	27489-62-9	Expiry Date:	Jul 01, 2028
Molecular Formula:	C ₆ H ₁₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.17	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Water Content	Karl Fischer	0.7519%
Assay		99.2%

Comment:

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

Assay (%) = (100% - Water Content) * Purity ELSD (%) / 100%

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

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Approved by General Manager:

David

Date: Jul 02, 2025

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