

Certificate of Analysis

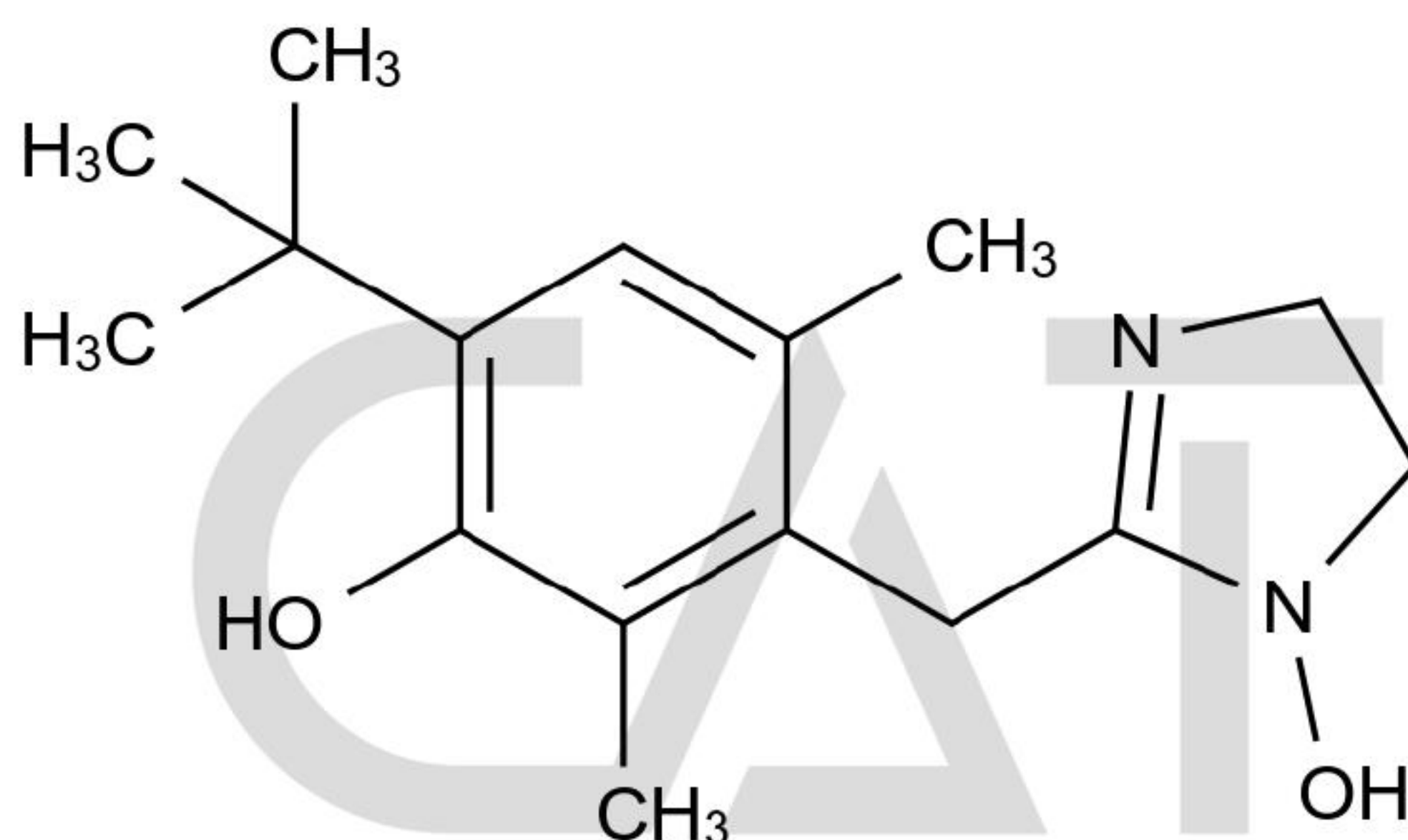
Reference Material & Standard

Product Name:	Oxymetazoline Impurity 12	Catalogue Number:	C4X-172312
Synonyms:	N/A	Lot Number:	0825-RH-0002
CAS Number:	N/A	Expiry Date:	Mar 30, 2030
Molecular Formula:	C ₁₆ H ₂₄ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	276.37	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.6461%
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	2.0% methanol and 0.2% dimethylformamide
Assay		97.1%

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:

Reviewed by:

Approved by General Manager:

Date: Aug 25, 2026

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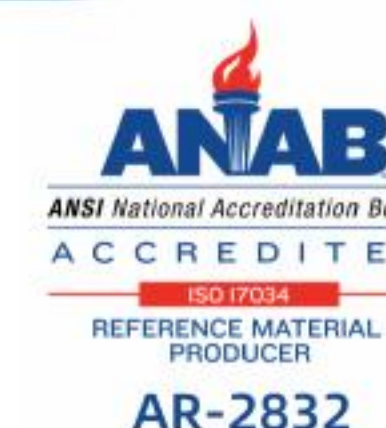
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



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