

Certificate of Analysis

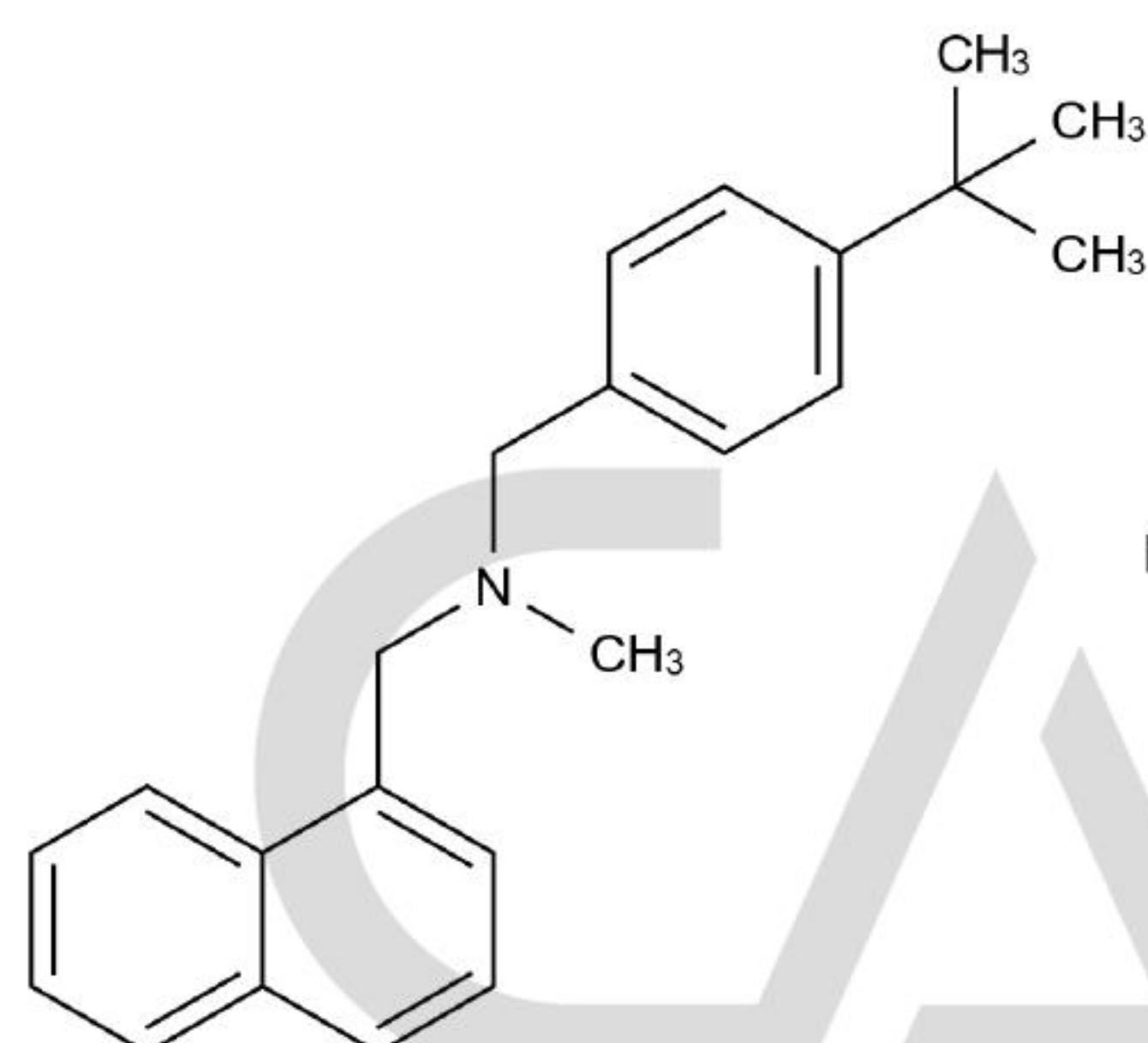
Reference Material & Standard

Product Name:	Butenafine Hydrochloride	Catalogue Number:	CCAD302013
Synonyms:	N/A	Lot Number:	0513-RG-0048
CAS Number:	101827-46-7	Expiry Date:	May 19, 2029
Molecular Formula:	C ₂₃ H ₂₇ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	317.47 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	97.1%
Uncertainty		±0.6%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 20, 2025

Date: May 20, 2025

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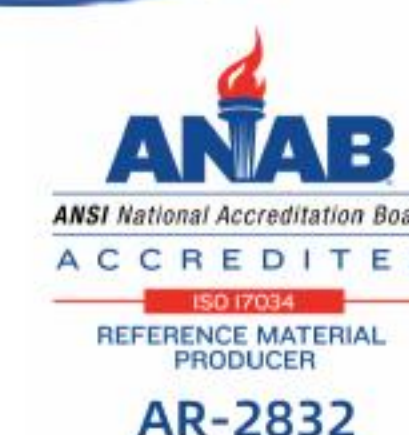
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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