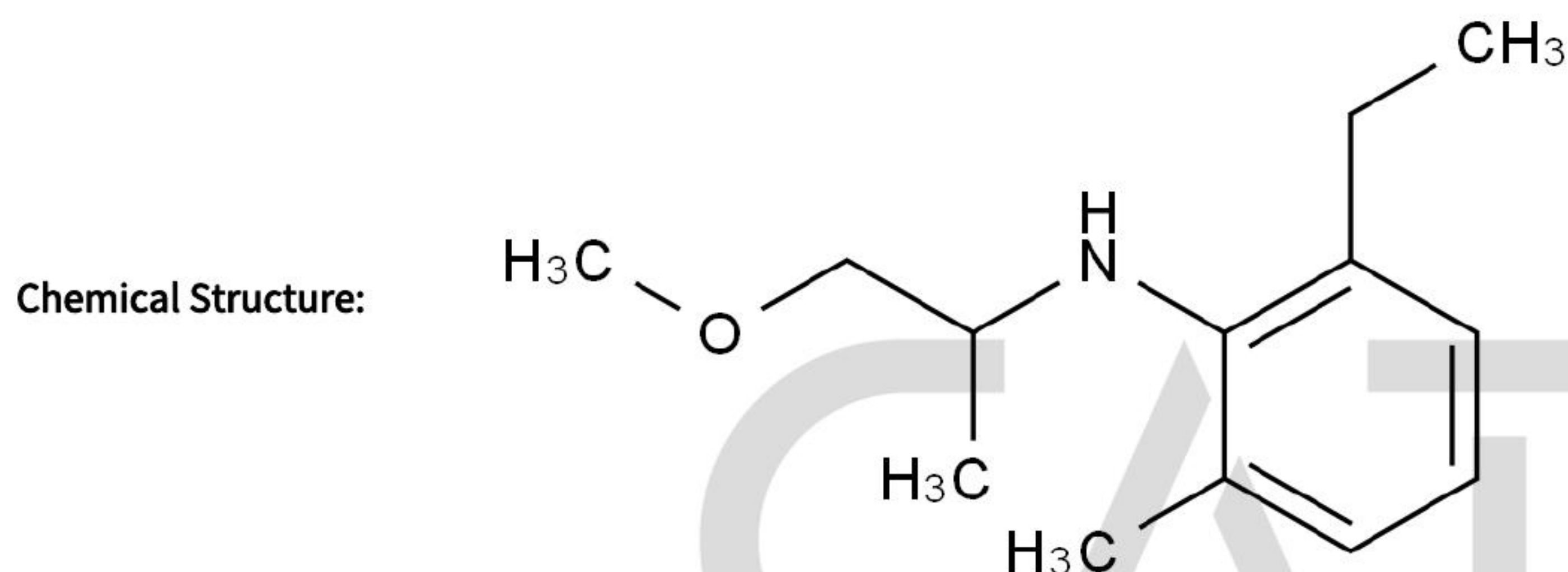


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Ethyl-N-(2-methoxy-1-methylethyl)-6-methyl-benzenamine	Catalogue Number:	CS347805
Synonyms:	N/A	Lot Number:	1008-RF-0041
CAS Number:	51219-00-2	Expiry Date:	Jul 21, 2030
Molecular Formula:	C ₁₃ H ₂₁ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	207.31	Shipping Condition:	Shipping at Room Temperature
		Warning:	



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.373%
Water Content	Karl Fischer	0.2890%
Assay		95.1%
Uncertainty		±0.9%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.
- 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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 22, 2026

Date: Jul 23, 2026

Date: Jul 23, 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>

