

Certificate of Analysis

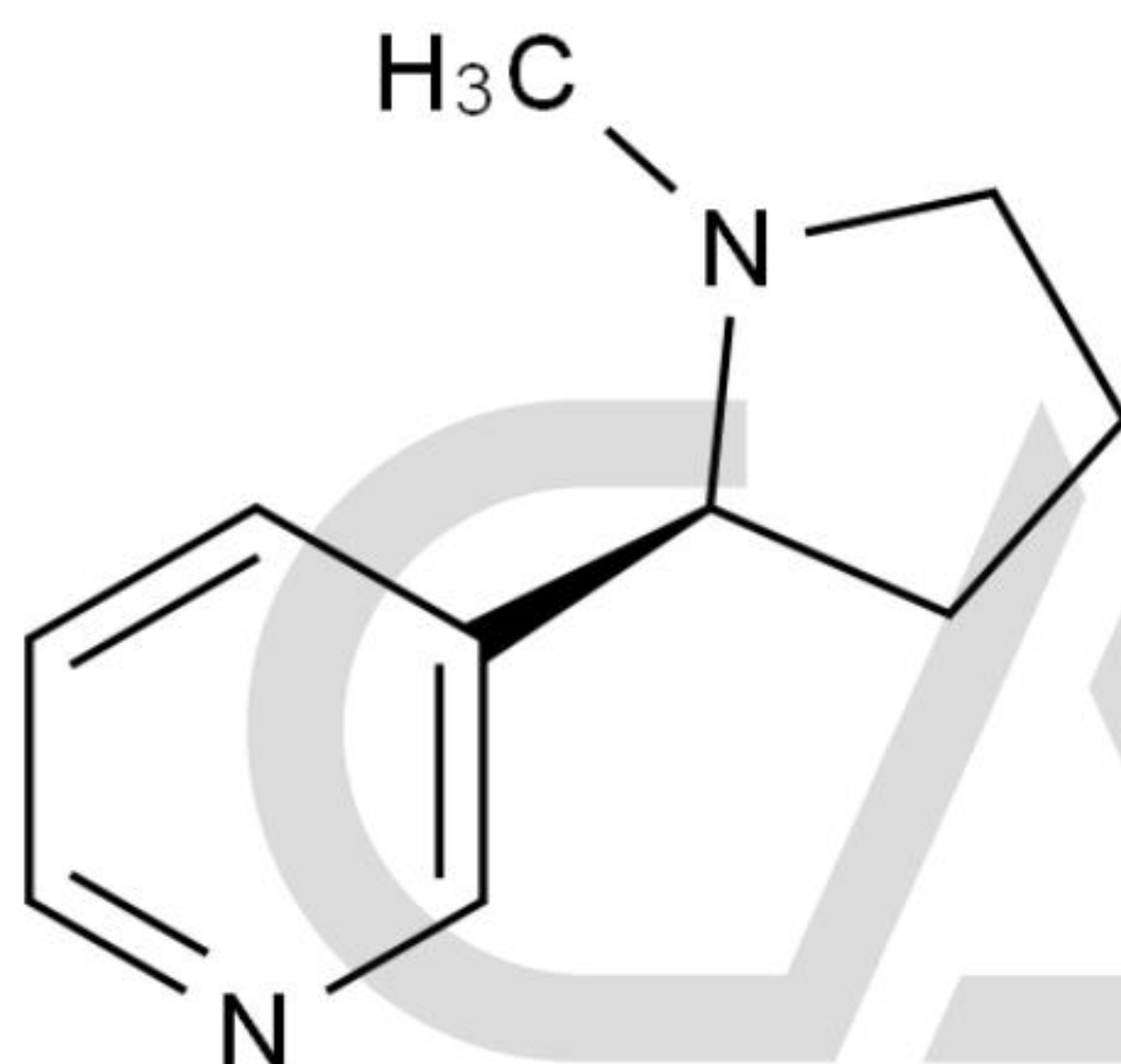
Reference Material & Standard

Product Name:	Nicotine	Catalogue Number:	CCFD200377
Synonyms:	N/A	Lot Number:	0722-RF-0028
CAS Number:	54-11-5	Expiry Date:	Jul 24, 2027
Molecular Formula:	C ₁₀ H ₁₄ N ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	162.23	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.4%
Assay	qNMR	88.2%
Uncertainty		±2.1%

Comment:

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:

Hin Lam

Approved by General Manager:

David

Date: Jul 15, 2026

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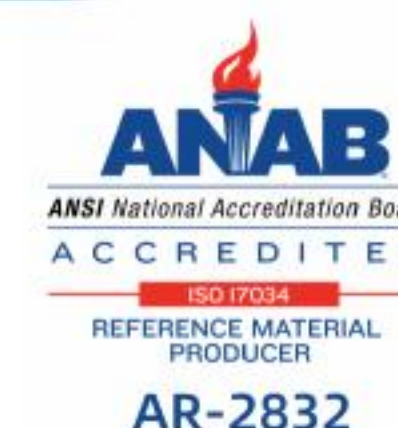
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