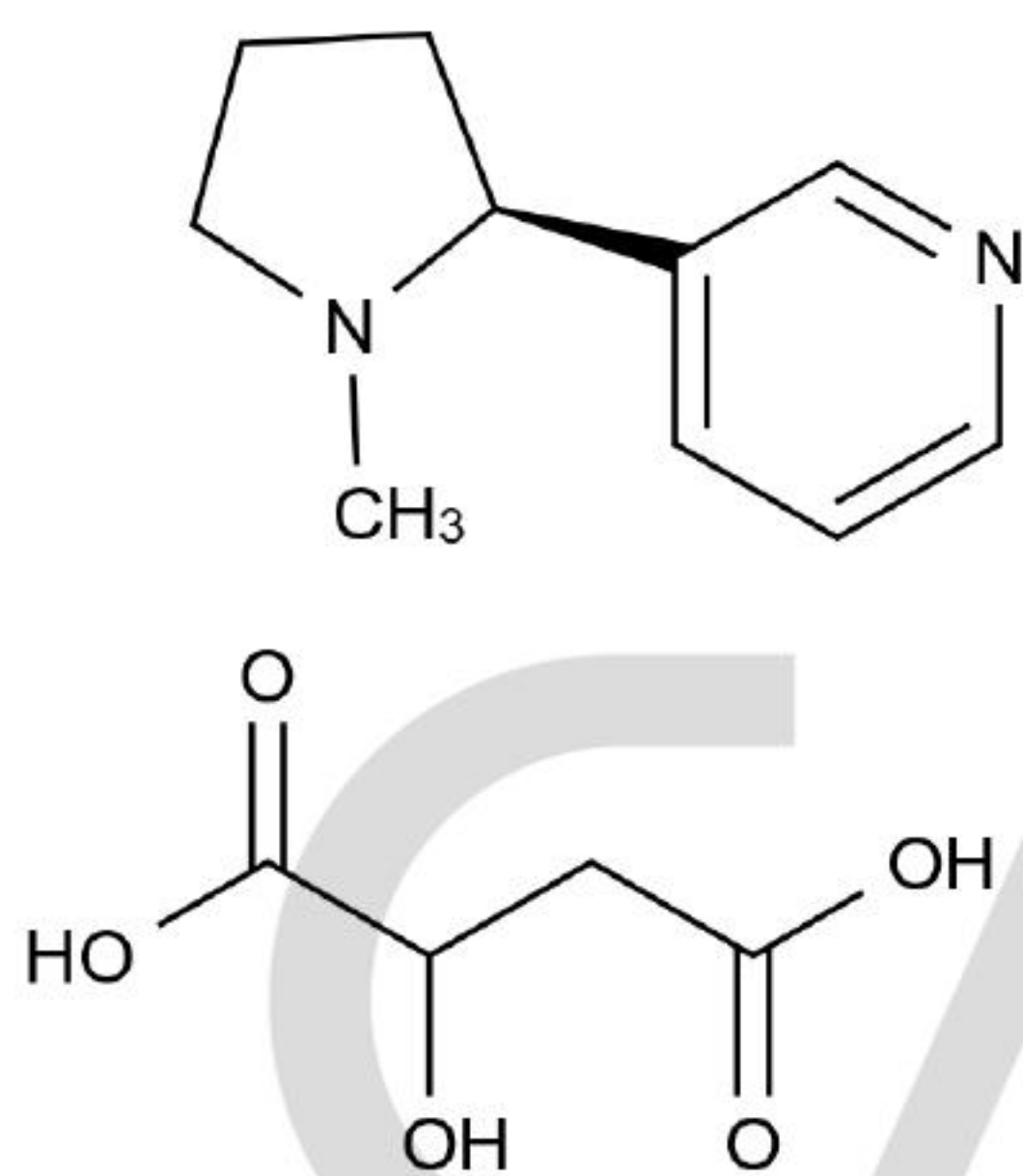


Certificate of Analysis

Reference Material & Standard

Product Name:	Nicotine Malate	Catalogue Number:	CCHM704946
Synonyms:	N/A	Lot Number:	0724-RG-0063
CAS Number:	73057-36-0	Expiry Date:	Jul 29, 2029
Molecular Formula:	C ₁₀ H ₁₄ N ₂ C ₄ H ₆ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	162.23 134.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%
Assay	qNMR	97.8%
Uncertainty		±0.4%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 30, 2025

Date: Jul 30, 2025

Date: Jul 30, 2025

