

3050 Spruce Street, Saint Louis, MO 63103, USA

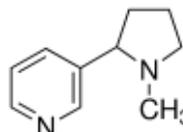
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Product Specification

Product Name:
(±)-Nicotine - ≥99% (TLC), liquid

Product Number: **N0267**
CAS Number: 22083-74-5

Formula: C₁₀H₁₄N₂
Formula Weight: 162.23 g/mol



TEST	Specification
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Appearance (Form)	Conforms
Clear Liquid	
Appearance (Colour)	Colorless to Yellow
Solubility (Solvent)	Ethanol
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Purity (TLC)	≥ 99.00 %
NMR (Solvent)	CDCl ₃
Identity by NMR	Consistent
Specific Rotation (Concent.)	Neat Product
Specific Rotation (Alpha D)	-0.10 - 0.10 deg
Storage Conditions	Under Argon
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000009901

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.