



CERTIFICATE OF ANALYSIS

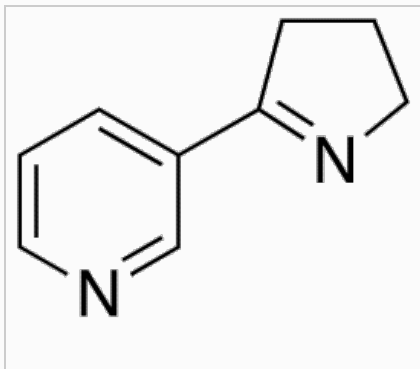
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1. Identification

Catalogue Number: M835000

Product: Myosmine

Structure:



CAS Number: 532-12-7

Synonym: 3-(3,4-Dihydro-2H-pyrrol-5-yl)pyridine; 3-(1-Pyrrolin-2-yl)pyridine; 2-(3-Pyridyl)-1-pyrroline;

Molecular Formula:

C₉H₁₀N₂

Molecular weight:

146.19

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Sparingly)

Lot Number: 1-SGP-97-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1: Light Sensitive

Warning 2: Moisture Sensitive

Warning 3: Temperature Sensitive

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Beige to Dark Yellow Low-Melting Solid	Light Beige to Light Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.48% (245 nm)
Water Content	Report Result	1.0% by Karl Fischer
TGA	Report Result	See Additional Information

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.65. The sample was tested by TGA, initiated in a nitrogen environment. The degradation onset temperature was measured at 123.8°C. The environment was changed to air at 800.0°C. The sample had 0.6% of its weight remaining at 996.8°C.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Eric Beaton	My Nguyen	11/18/2019	11/16/2026
