

Product Information

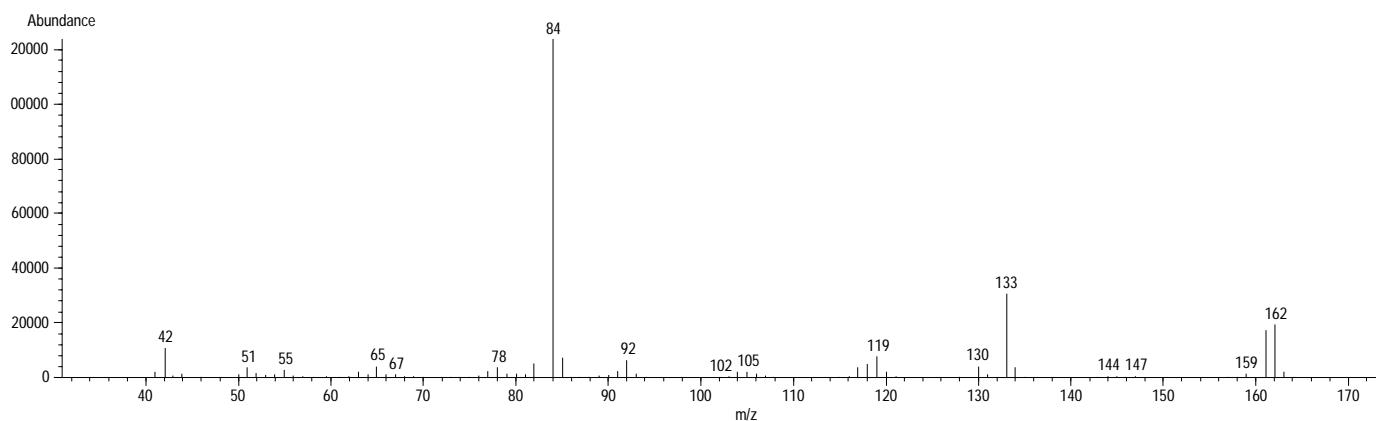
(-)-NICOTINE

Methanol Solution

Product Number	N 5511
Lot Number	41K8803
CAS Number	[54-11-5]
Concentration	1.01 mg (-)-Nicotine/mL GC grade methanol (conc. verified by UV)
Molecular Formula	C ₁₀ H ₁₄ N ₂
Molecular Weight	162.2
DEA Class	Formulation of a non controlled substance

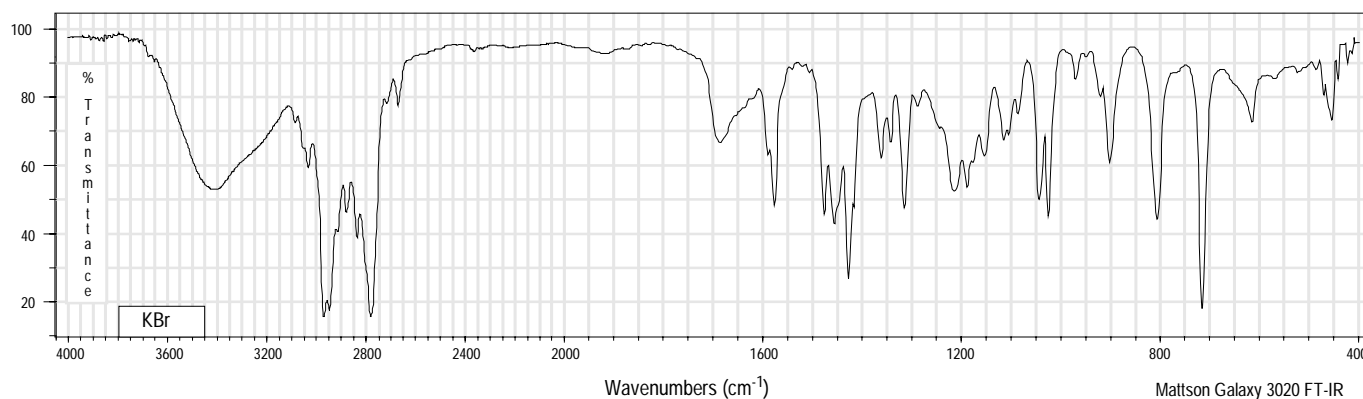
Synonyms	3-(1-Methyl-2-pyrrolidinyl)pyridine
Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.
Expiration Date	December 2005
Storage	2-8°C; After opening, transfer contents to small vial provided for your convenience.

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR

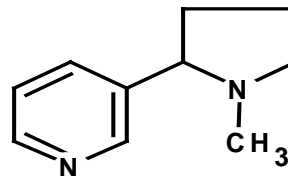


(-)-NICOTINE

Methanol Solution

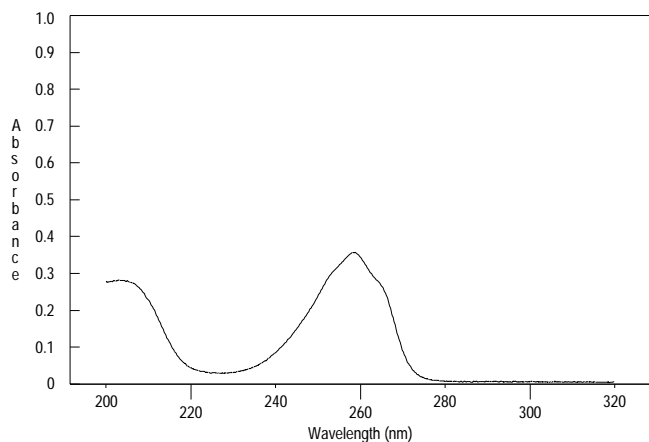
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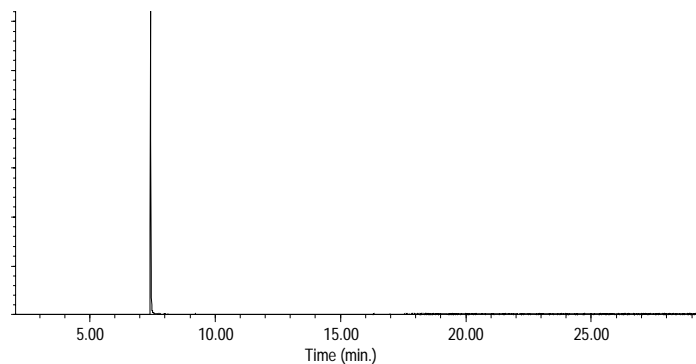
Ultraviolet Spectrum

Peak	258.4 nm
Absorbance	0.357
Solvent	0.2 N H ₂ SO ₄
Dilution	1 : 99 (v/v)



Capillary Gas Chromatography

Column Supelco SPB-1 (Cat. No. 2-4162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
Oven Temperature 50°C (2 min.), then 15°/min. to 300°C, hold 11 min.
Injector Temperature 175°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



N 5511/41K8803/04/17/01

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.