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Product Information

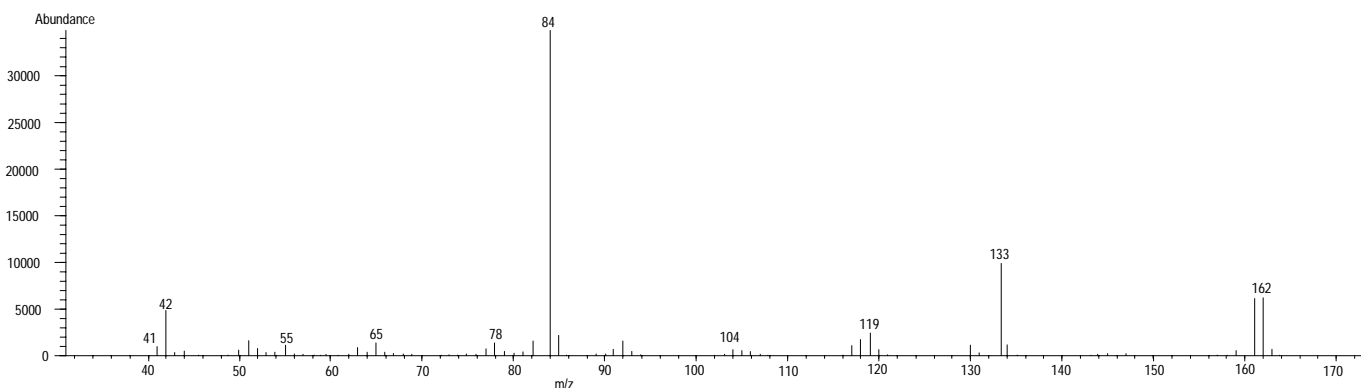
(-)-NICOTINE

Methanol Solution

Product Number N 5511
Lot Number 064k8812
CAS Number [54-11-5]
Concentration 1.04 mg (-)-Nicotine/mL GC grade methanol (conc. verified by UV)
Molecular Formula C₁₀H₁₄N₂
Molecular Weight 162.2
DEA Class Formulation of a non controlled substance

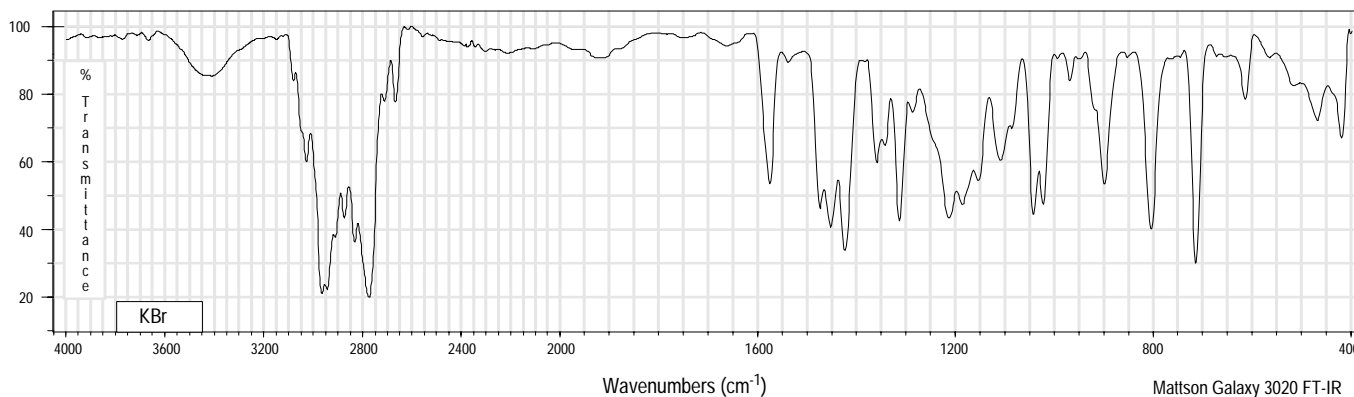
Synonyms 3-(1-Methyl-2-pyrrolidinyl)pyridine
Stability If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.
Expiration Date March 2009
Storage 2-8°C.

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

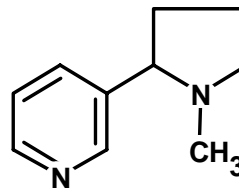


(-)-NICOTINE

Methanol Solution

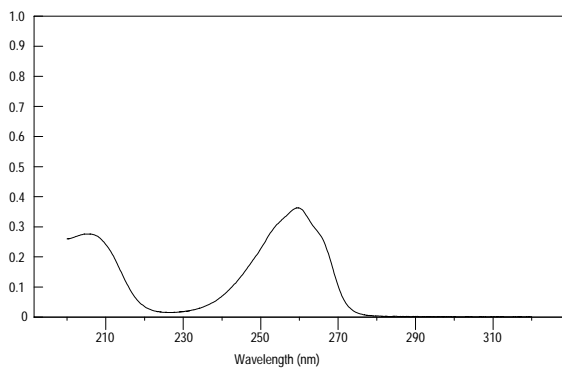
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Ultraviolet Spectrum

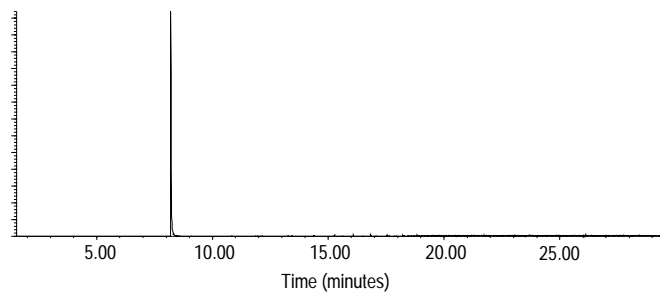
Peak	259.5 nm
Absorbance	0.363
Solvent	0.2 N H ₂ SO ₄
Dilution	1:100 (v/v)



Bio-Tek Uvikon XL

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 250°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

N 5511/064k8812/08/10/04

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