

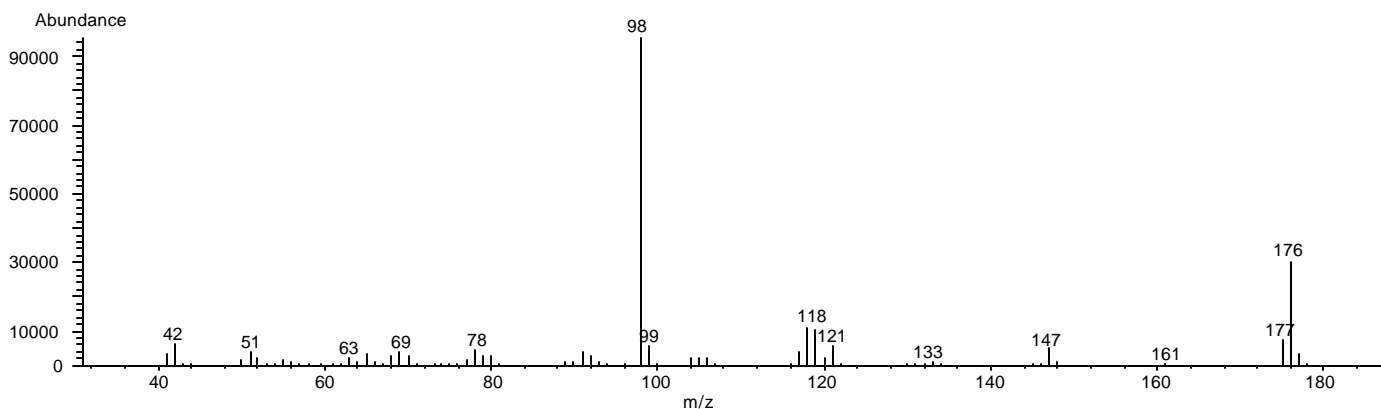
Product Information

(-)-COTININE

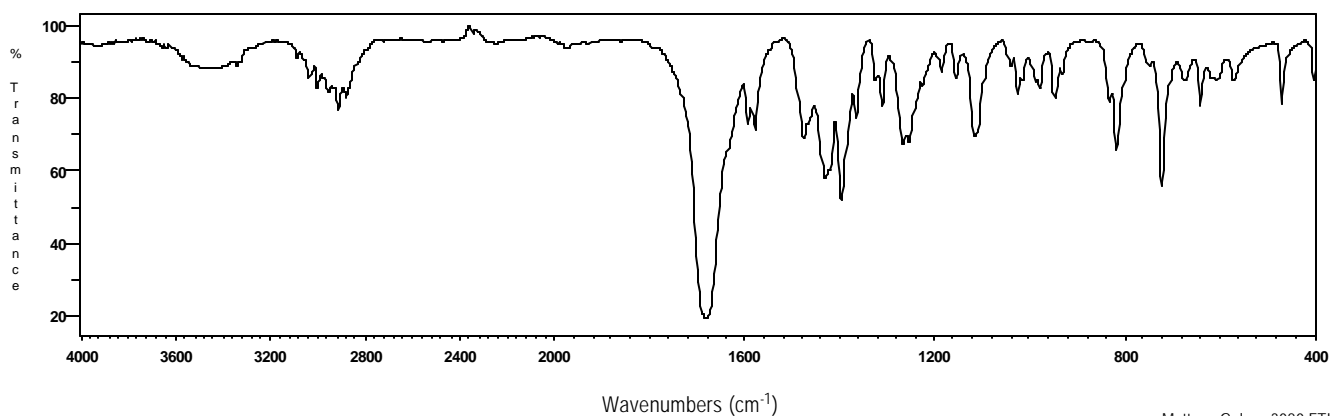
Methanol Solution

Product Number	C0430	Synonyms	1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone
Lot Number	015K8801	Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 12 months. After opening, concentration may change due to loss of solvent.
CAS Number	[486-56-6]	Expiration Date	December 2007
Concentration	1.00 mg (-)-Cotinine/mL GC grade methanol (conc. verified by UV)	Storage	2-8°C
Molecular Formula	C ₁₀ H ₁₂ N ₂ O	DEA Class	Preparation of a non-controlled substance
Molecular Weight	176.2		

70 eV Electron Ionization Mass Spectrum

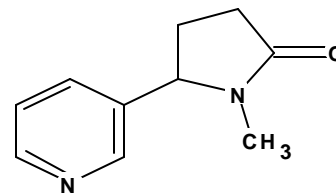
Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR

Mattson Galaxy 3020 FTIR
KBr Pellet

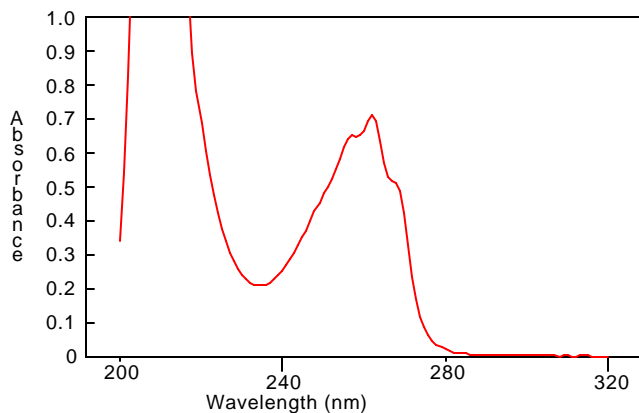
(-)-COTININE

Methanol Solution
Product Number C 0430
Lot Number 015K8801



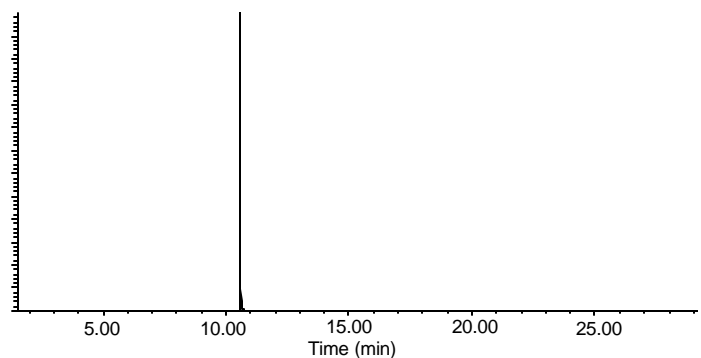
Ultraviolet Spectrum

Peak	262.0 nm
Absorbance	0.715
Solvent	Methanol
Dilution	1:24 (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 250°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

C 0430/015k8801/12/21/04

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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