



3050 Spruce Street
Saint Louis, Missouri 63103 USA
Telephone 800-325-5832 • (314) 771-5765
Fax (314) 286-7828
email: techserv@sial.com
sigma-aldrich.com

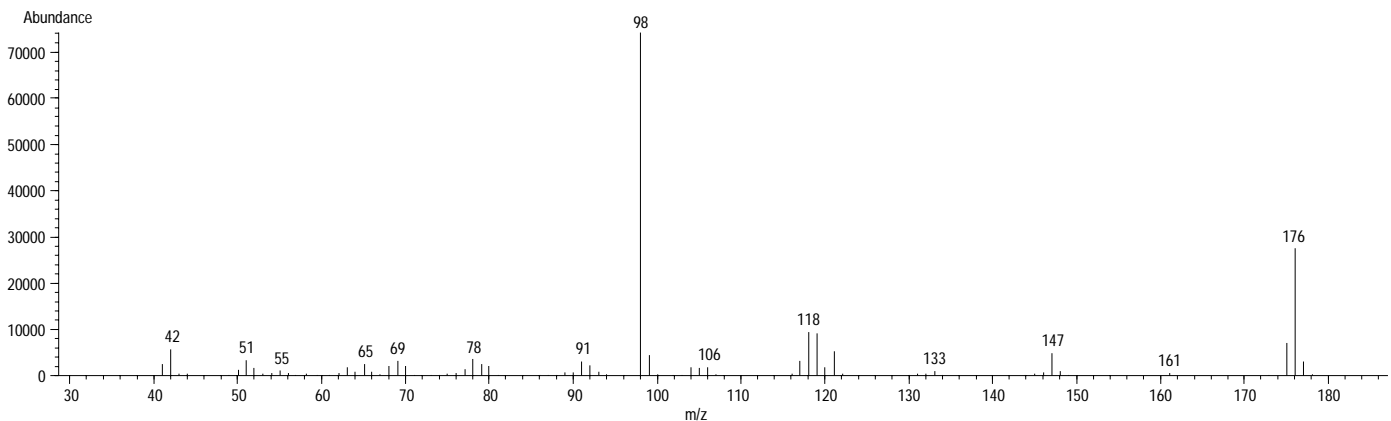
Product Information

(-)-COTININE

Methanol Solution

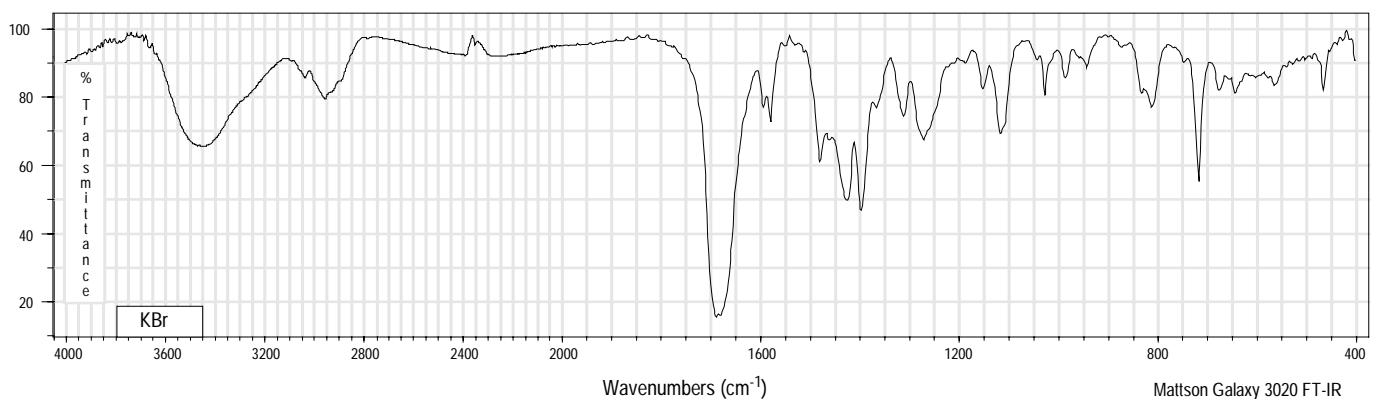
| | | | |
|--------------------------|---|------------------------|--|
| Product Number | C 0430 | Synonyms | 1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone |
| Lot Number | 121K8801 | Stability | If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 12 months. After opening, concentration may change due to loss of solvent. |
| CAS Number | [486-56-6] | Expiration Date | August 2004 |
| Concentration | 1.01 mg (-)Cotinine/mL GC grade methanol (conc. verified by UV) | Storage | 2-8°C; After opening, transfer contents to small vial provided for your convenience. |
| 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



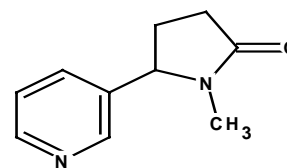
Mattson Galaxy 3020 FT-IR

(-)-COTININE

Methanol Solution

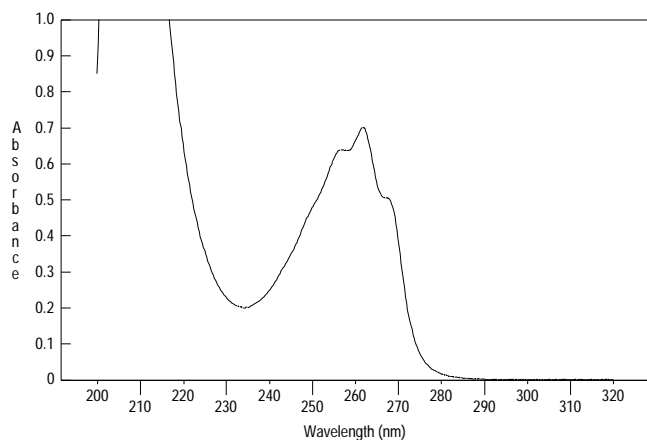
Product Number C 0430

Lot Number 121K8801



Ultraviolet Spectrum

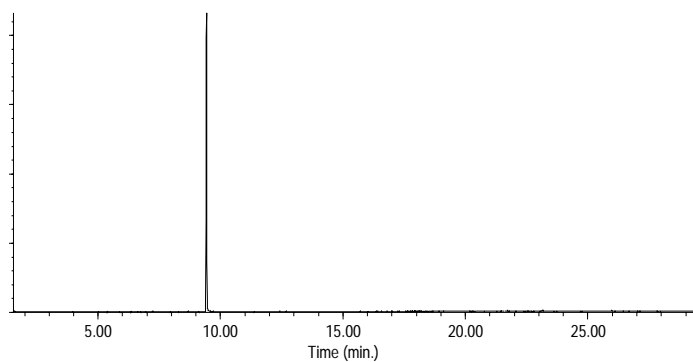
| | |
|-------------------|--------------|
| Peak | 261.8 nm |
| Absorbance | 0.700 |
| Solvent | Methanol |
| Dilution | 1 : 24 (v/v) |



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 μ m
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 0430/121K8801/12/11/01

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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Please see reverse side of the invoice or packing slip.