



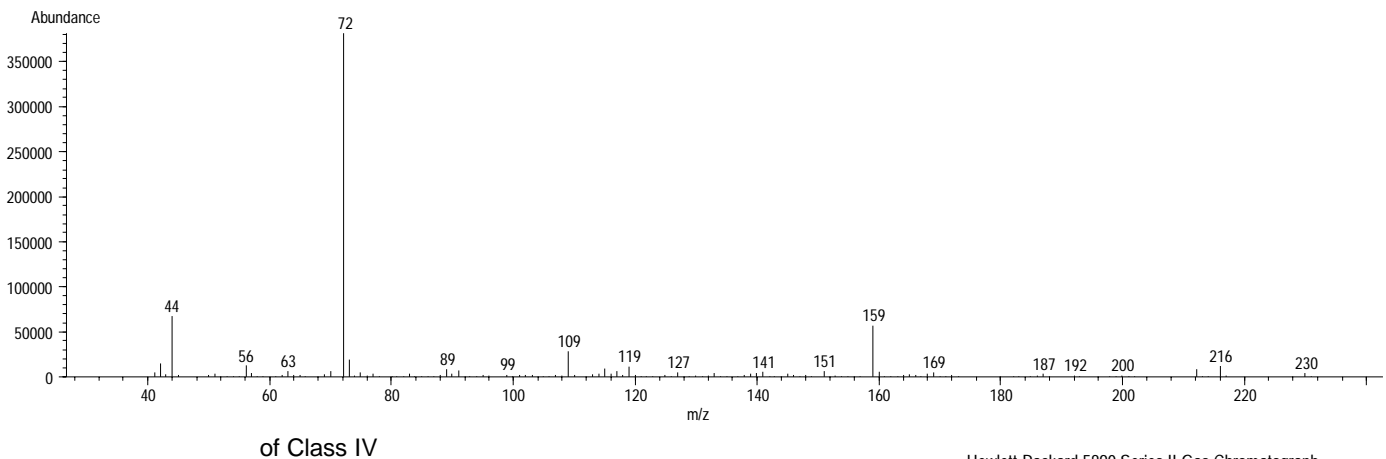
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## Product Information

### FENFLURAMINE HYDROCHLORIDE

Methanol Solution

<b>Product Number</b>	F 1884	<b>Synonyms</b>	N-Ethyl- $\alpha$ -methyl-3-(trifluoromethyl)-phenethylamine Hydrochloride
<b>Lot Number</b>	111K8811	<b>Stability</b>	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.
<b>CAS Number</b>	[404-82-0]	<b>Expiration Date</b>	July 2006
<b>Concentration</b>	1.15 mg Fenfluramine Hydrochloride (equivalent to 0.99 mg free base)/mL GC grade methanol (conc. verified by UV)	<b>Storage</b>	2-8°C; After opening, transfer contents to small vial provided for your convenience.
<b>Molecular Formula</b>	$C_{12}H_{16}F_3N \cdot HCl$		
<b>Molecular Weight</b>	267.7		
<b>DEA Class</b>	Exempt preparation	<b>70 eV Electron Ionization Mass Spectrum</b>	



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

### FT-IR

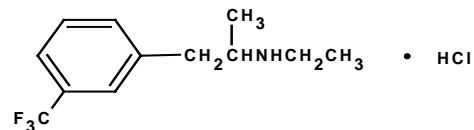
Wavenumbers ( $cm^{-1}$ )

Mattson Galaxy 3020 FT-IR



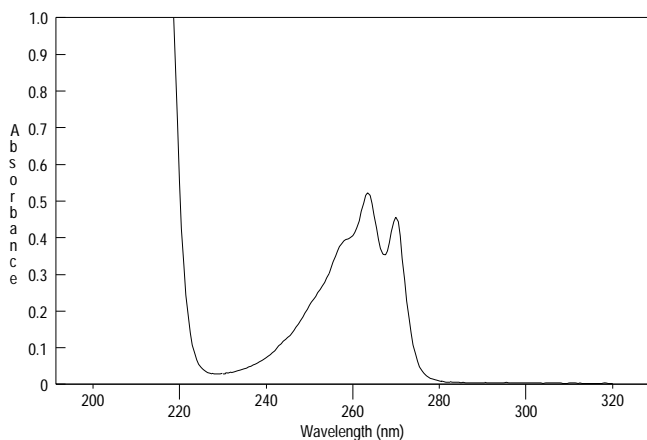
# FENFLURAMINE HYDROCHLORIDE

Methanol Solution  
Product Number F 1884  
Lot Number 111K8811



## Ultraviolet Spectrum

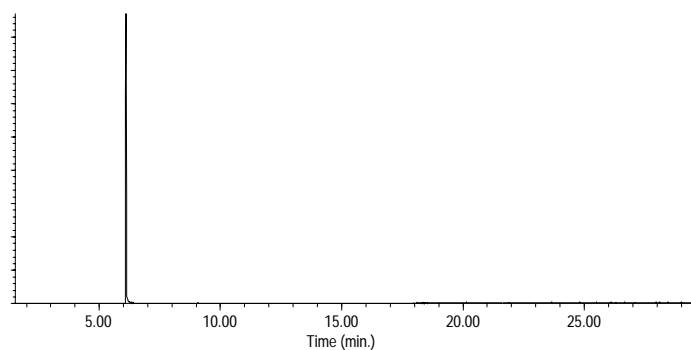
<b>Peak</b>	263.5 nm
<b>Absorbance</b>	0.522
<b>Solvent</b>	0.2 N H <sub>2</sub> SO <sub>4</sub>
<b>Dilution</b>	1 : 4 (v/v)



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

F 1884/111K8811/11/14/01

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