

## Product Information

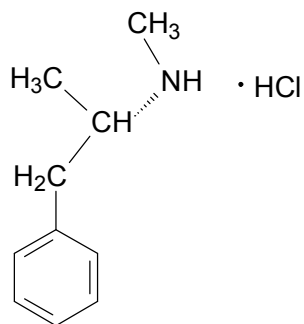
### (+)-Methamphetamine hydrochloride solution

1.0 mg/mL $\pm$ 5% in methanol  
drug standard

Catalog Number **M5260**  
Lot Number 040M8706  
Storage Temperature 2–8 °C

CAS RN 51-57-0

Synonyms: d-Deoxyephedrine hydrochloride,  
Desoxyephedrine hydrochloride, Methamphetamine  
hydrochloride



### Product Description

Molecular Formula: C<sub>10</sub>H<sub>15</sub>N · HCl

Molecular Weight: 185.69

DEA Class: Exempt preparation of Class II

Concentration: 1.21 mg of Methamphetamine hydrochloride (equivalent to 0.97 mg of free base)/mL of GC grade methanol, concentration verified by UV.

Expiration Date: August 2013

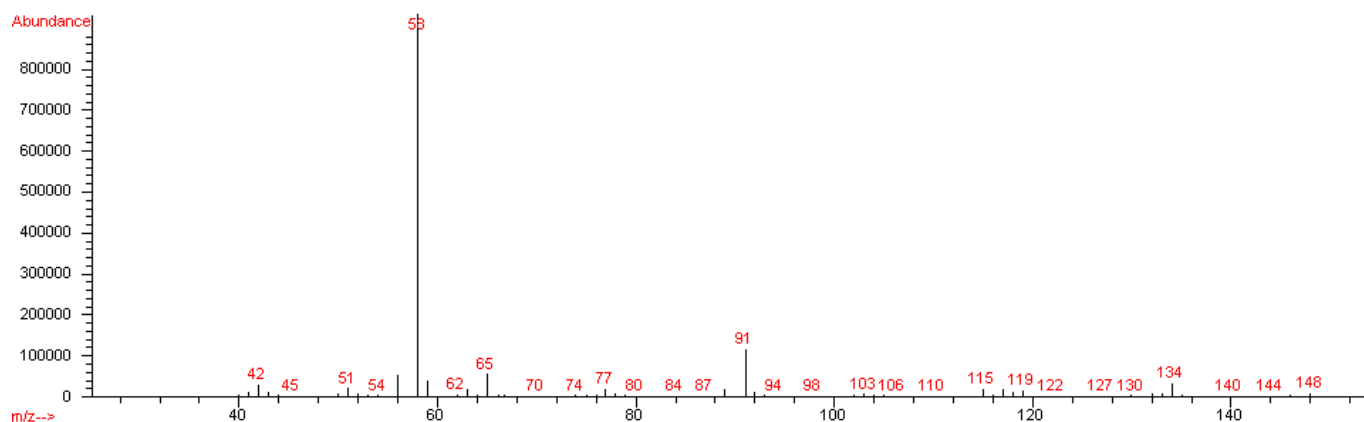
### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

Store the product at 2–8 °C. If stored at 2–8 °C in an airtight container, protected from light, decomposition of the product is less than 1% in 36 months. After opening, concentration may change due to loss of solvent.

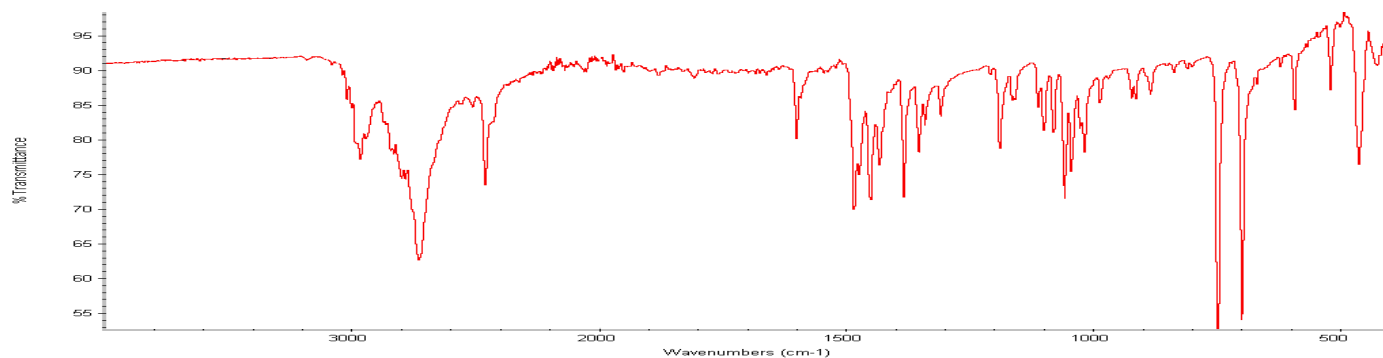
CWM,MAM 05/10-1



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)

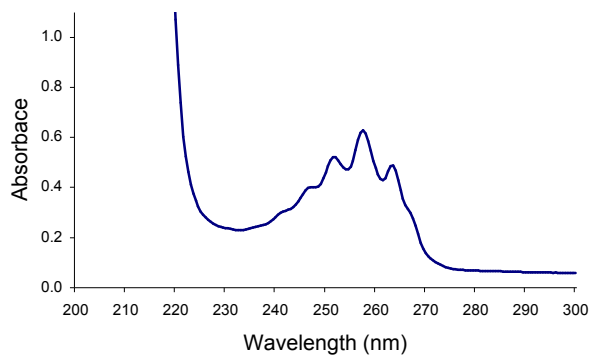
## FT-IR



Nicolet 380 FT-IR Smart Orbit(ATR)

## Ultraviolet Spectrum

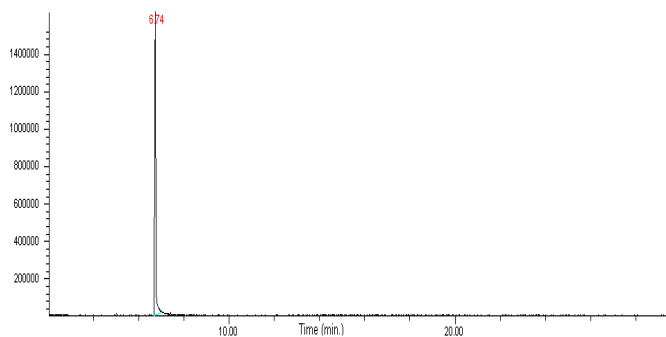
<b>Peak</b>	263.5 nm
<b>Absorbance</b>	0.4876
<b>Solvent</b>	Methanol
<b>Dilution</b>	1:1 (v/v)



Beckman-Coulter DU 800

## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Catalog Number 24162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ m  
**Oven Temperature** 50 °C (2 minutes), then  
15 °C/minute to 300 °C, hold 11 minutes  
**Injector Temperature** 250 °C, Splitless  
**Detector** Hewlett-Packard 5971  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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