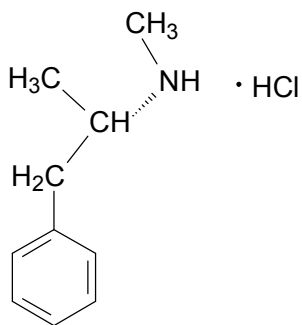


## Product Information

**(+)-Methamphetamine hydrochloride solution**  
**1.0 mg/mL±5% in methanol**  
**drug standard**

Catalog Number **M5260**  
Lot Number 086K8800  
Storage Temperature 2–8 °C

CAS RN 51-57-0  
Synonyms: d-Deoxyephedrine hydrochloride;  
Desoxyephedrine hydrochloride; Methylamphetamine  
hydrochloride



### Product Description

Molecular Formula: C<sub>10</sub>H<sub>15</sub>N · HCl  
Molecular Weight: 185.7

DEA Class: Exempt preparation of Class II

1.22 mg (+)-Methamphetamine hydrochloride  
(equivalent to 0.98 mg free base)/mL GC grade  
methanol, concentration verified by UV.

Expiration Date: December 2009

### 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.

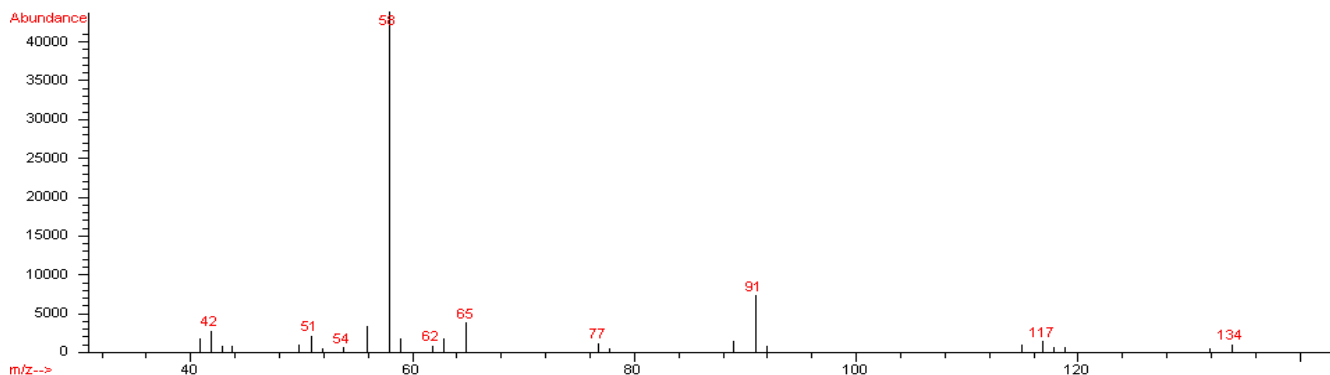
### Storage/Stability

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.

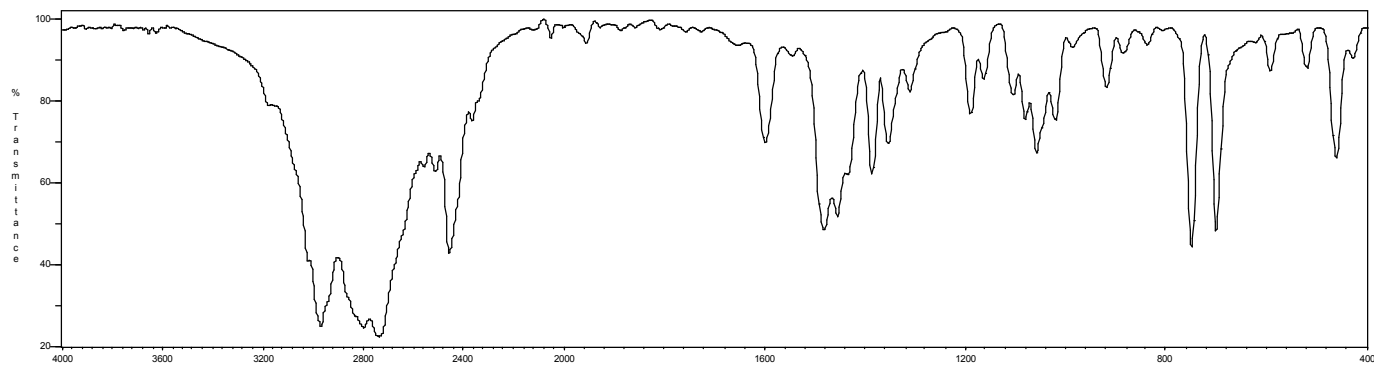
PCS,MAM 01/07-1

### 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

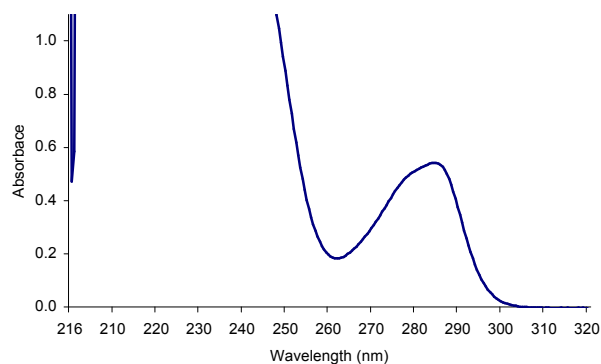


Wavenumbers (cm<sup>-1</sup>)

Mattson Galaxy 3020 FT-IR  
KBr Pellet

### Ultraviolet Spectrum

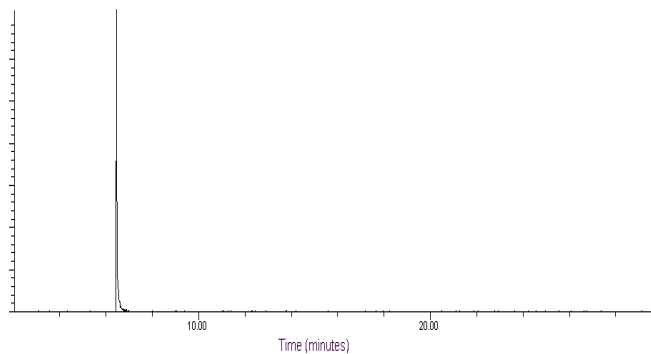
<b>Peak</b>	259.0 nm
<b>Absorbance</b>	0.522
<b>Solvent</b>	Methanol
<b>Dilution</b>	1:1 (v/v)



Bio-Tek Uvikon XL

### Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 24162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm  
**Oven Temperature** 50 °C (2 minutes.), then  
15 °C/minute to 300 °C, hold 11 minutes  
**Injector Temperature** 250 °C, Split  
**Detector** Hewlett-Packard 5971  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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