

## Product Information

### (+)-Methamphetamine hydrochloride solution

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

analytical standard, for drug analysis

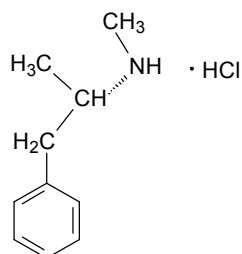
Catalog Number **M5260**

Lot Number SLBB1840V

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: 1.25 mg of methamphetamine  
hydrochloride (equivalent to 1.00 mg of free base)/mL  
of GC grade methanol, concentration verified by UV.

Expiration Date: January 2015

### Precautions and Disclaimer

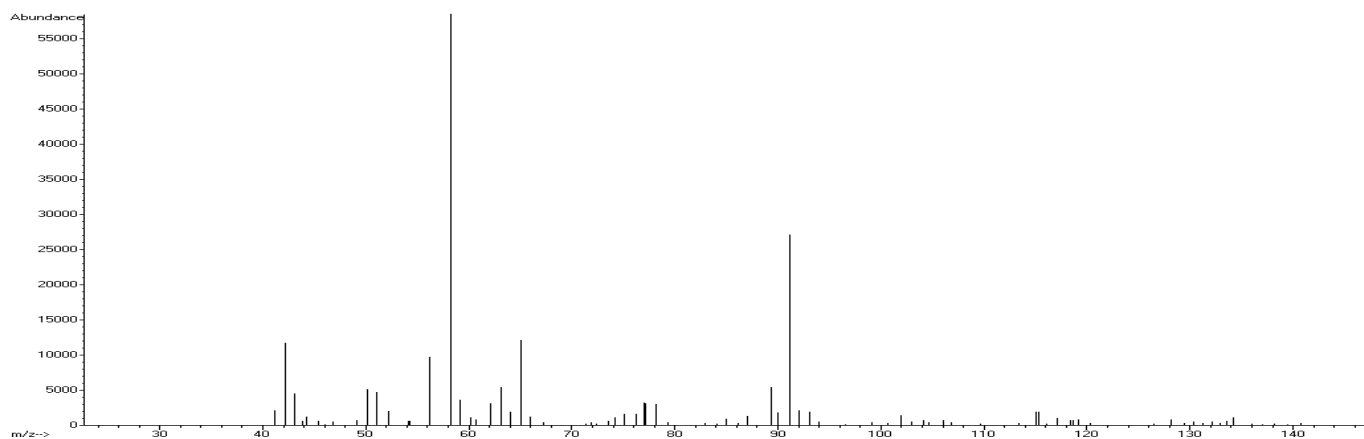
This product is for R&D use only, not for drug,  
household, or other uses. Please consult the Material  
Safety Data Sheet for information regarding hazards  
and safe handling practices.

### 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.

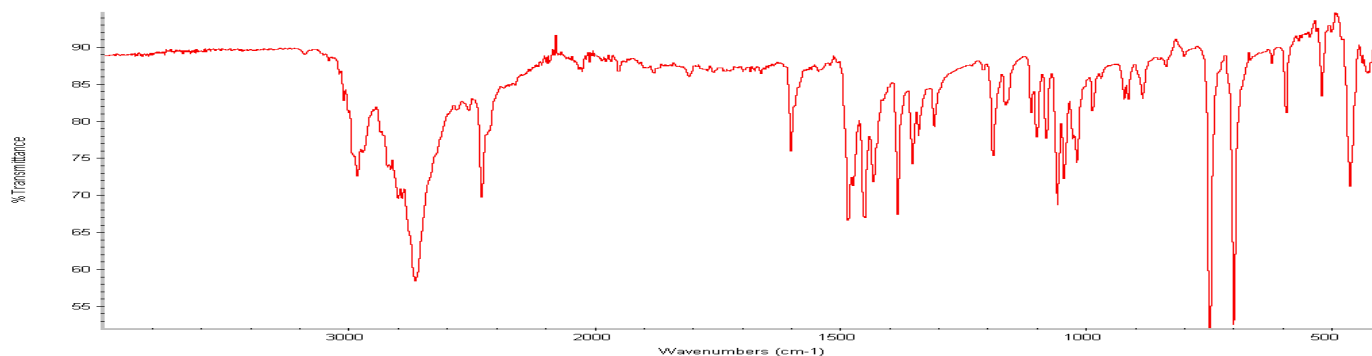
CMW,MAM 01/16-1

### 70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 6890 Series II Gas Chromatograph  
Hewlett-Packard 6890 Mass Selective Detector  
Hewlett-Packard 5973 MS ChemStation (HP-DOS series)

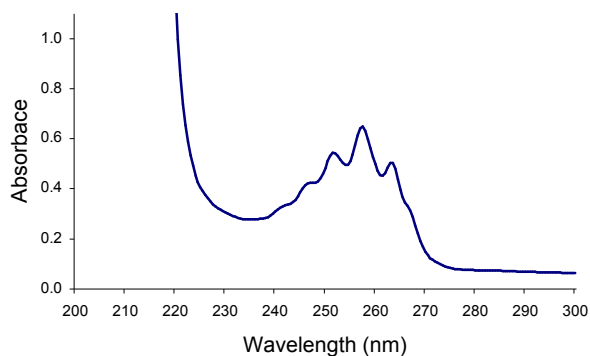
### FT-IR



Nicolet 380 FT-IR Smart Orbit(ATR)

### Ultraviolet Spectrum

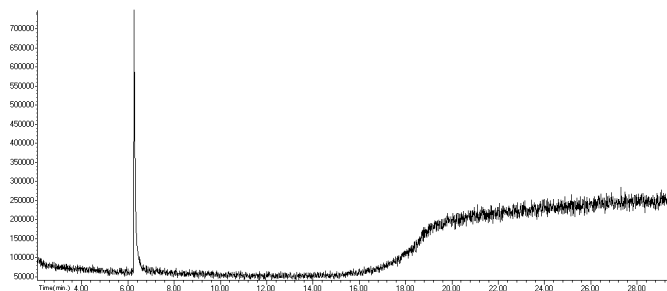
|                   |           |
|-------------------|-----------|
| <b>Peak</b>       | 263.0 nm  |
| <b>Absorbance</b> | 0.5032    |
| <b>Solvent</b>    | Methanol  |
| <b>Dilution</b>   | 1:1 (v/v) |



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  $\mu\text{m}$   
**Oven Temperature** 50 °C (2 minutes), then  
15 °C/minute to 300 °C, hold 11 minutes  
**Injector Temperature** 250 °C, Splitless  
**Detector** Hewlett-Packard 6890  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890