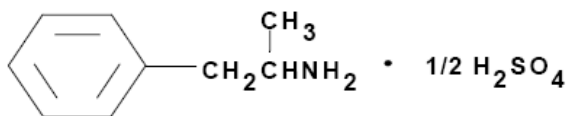


## Product Information

**D-Amphetamine hemisulfate salt solution**  
**1.0 mg/mL±5% in methanol**  
**analytical standard, for drug analysis**

Catalog Number **A3278**  
Lot Number 101M8705V  
Storage Temperature 2–8 °C

CAS RN 51-63-8  
Synonyms: Dextroamphetamine hemisulfate salt;  
(+)- $\alpha$ -Methylphenethylamine hemisulfate salt;  
(+)- $\alpha$ -Methylbenzeneethanamine hemisulfate;  
Phenyl-2-aminopropane hemisulfate; Phenaminum



### Product Description

Molecular Formula:  $C_9H_{13}N \cdot 0.5 H_2SO_4$   
Molecular Weight: 184.25

DEA Class: Exempt preparation of Class II

Concentration: 1.29 mg of D-amphetamine hemisulfate (equivalent to 0.95 mg of free base)/mL of GC grade methanol, concentration verified by UV.

Expiration Date: December 2014

### Precautions and Disclaimer

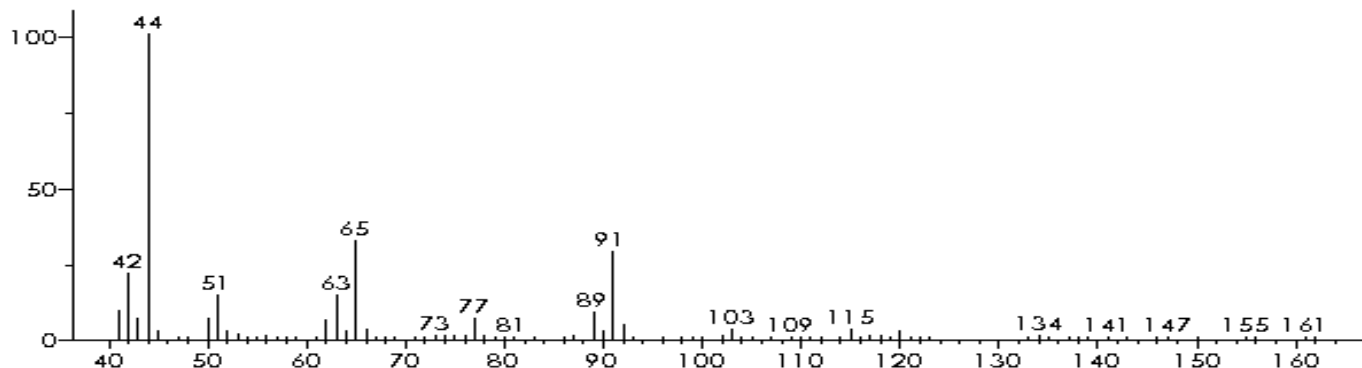
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### 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 48 months. After opening, concentration may change due to loss of solvent.

CMW,MAM 02/12-1

### 70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 6890 Series II Gas Chromatograph  
Hewlett-Packard 5973 Mass Selective Detector  
Hewlett-Packard MS ChemStation

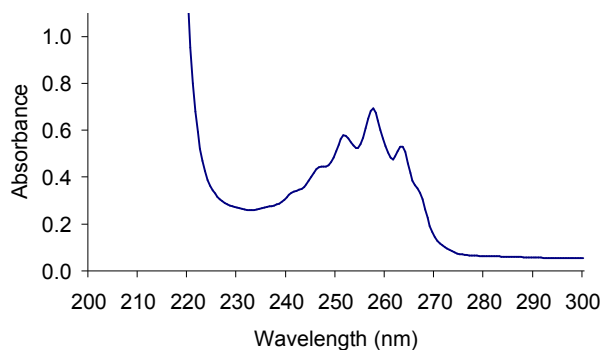
### FT-IR



Nicolet 380 FT-IR Thermo Smart Orbit

### Ultraviolet Spectrum

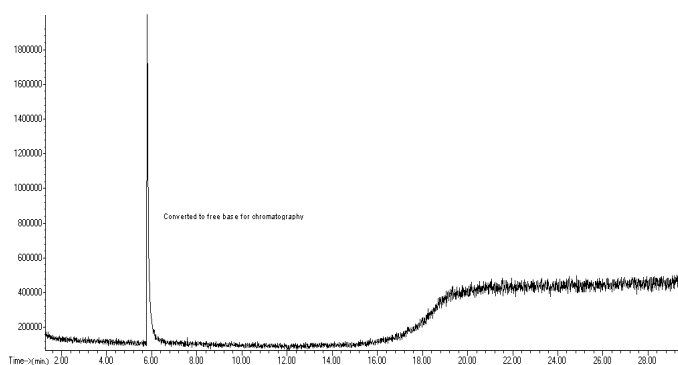
<b>Peak</b>	257.5 nm
<b>Absorbance</b>	0.6945
<b>Solvent</b>	Methanol
<b>Dilution</b>	1:1 (v/v)



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  $^{\circ}\text{C}$  (2 minutes), then  
 15  $^{\circ}\text{C}/\text{minute}$  to 300  $^{\circ}\text{C}$ , hold 11 minutes  
**Injector Temperature** 250  $^{\circ}\text{C}$ , Splitless  
**Detector** Hewlett-Packard 5973  
 Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890