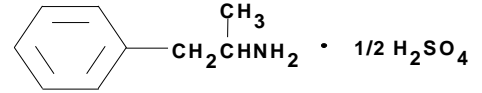


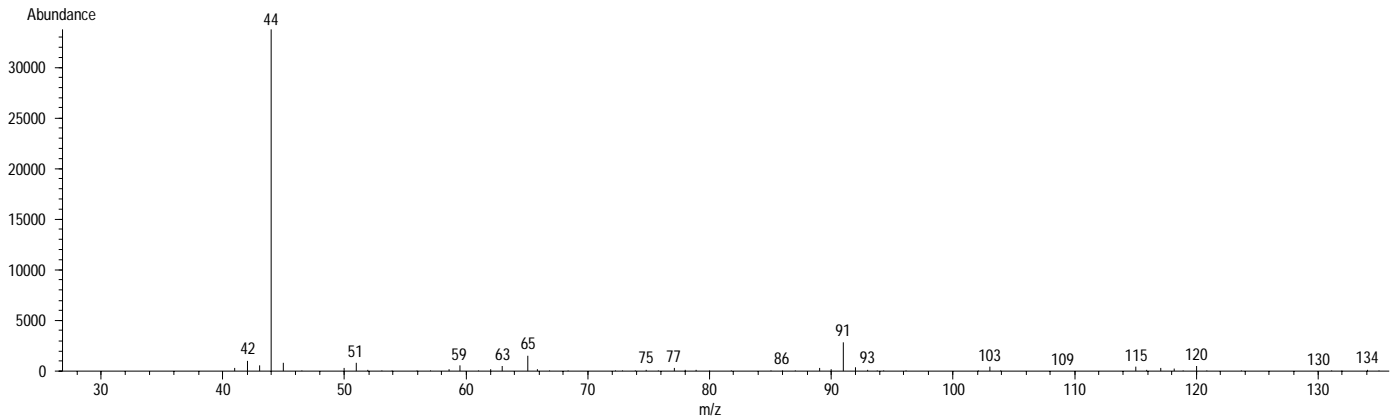
## Product Information



### D-AMPHETAMINE SULFATE

Methanol Solution

<b>Product Number</b>	A 3278	<b>Synonyms</b>	(+)- $\alpha$ -Methylbenzeneethanamine sulfate; d- $\alpha$ -Methylphenethylamine sulfate; 1-Phenyl-2-aminopropane sulfate; Phenaminum; Dextroamphetamine Sulfate
<b>Lot Number</b>	31K8803		
<b>CAS Number</b>	[51-63-8]		
<b>Concentration</b>	1.39 mg D-Amphetamine Sulfate (equivalent to 1.02 mg free base)/mL GC grade methanol (conc. verified by UV)	<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>Molecular Formula</b>	$\text{C}_{18}\text{H}_{26}\text{N}_2 \cdot \text{H}_2\text{SO}_4$	<b>70 eV Electron Ionization Mass Spectrum</b>	<b>Expiration Date</b> November 2005



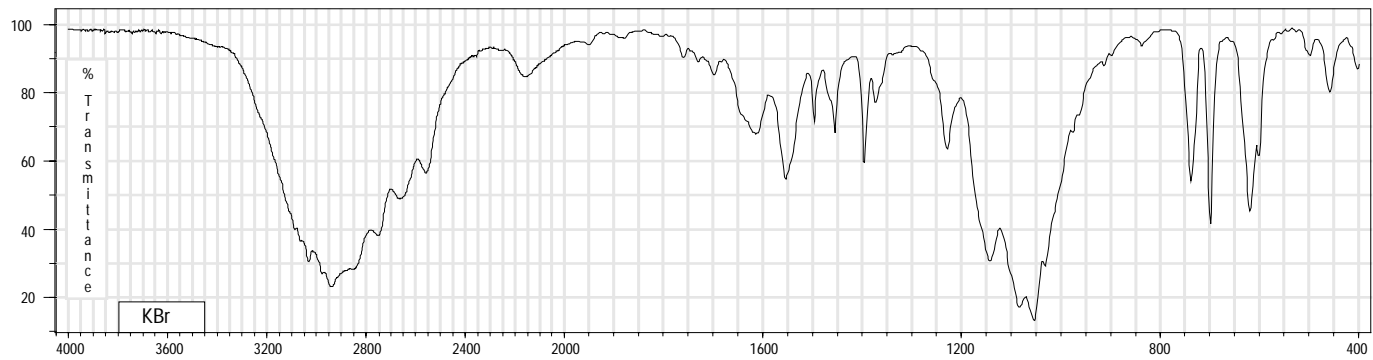
**Molecular Weight** 368.5

**DEA Class** Exempt preparation of Class II

#### Storage

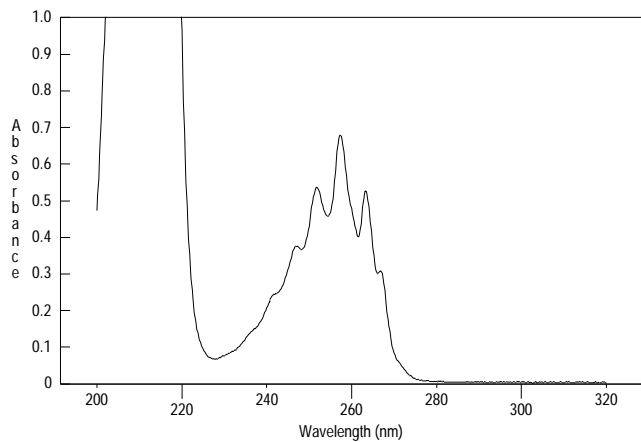
Hewlett-Packard 5890 Series II Gas Chromatograph  
Hewlett-Packard 5971 Mass Selective Detector  
Hewlett-Packard G1034C MS ChemStation (HP-DOS series) 2-8°C; Aft

FT-IR



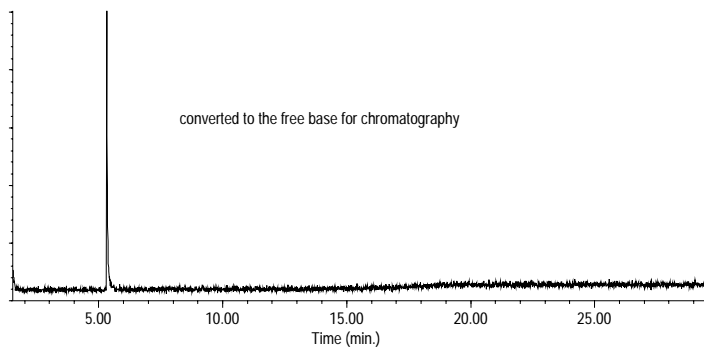
## Ultraviolet Spectrum

**Peak** 257.4 nm  
**Absorbance** 0.678  
**Solvent** Methanol  
**Dilution** 1 : 1 (v/v)



## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 2-4162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ m  
**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