

Product Information

D-Amphetamine hemisulfate salt solution

1.0 mg/mL \pm 5% in methanol
analytical standard, for drug analysis

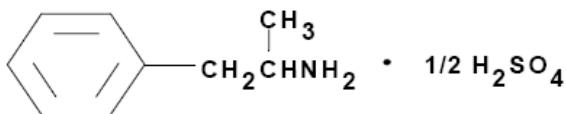
Catalog Number **A3278**

Lot Number 101M8705V

Storage Temperature 2–8 °C

CAS RN 51-63-8

Synonyms: Dextroamphetamine hemisulfate salt;
(+)- α -Methylphenethylamine hemisulfate salt;
(+)- α -Methylbenzeneethaneamine hemisulfate;
Phenyl-2-aminopropane hemisulfate; Phenaminium

**Product Description**

Molecular Formula: C₉H₁₃N · 0.5 H₂SO₄
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

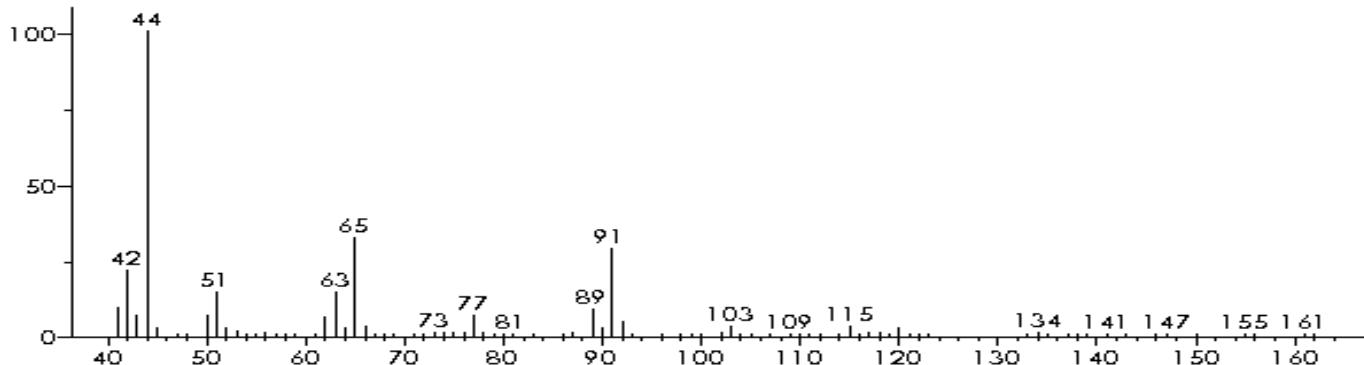
Precautions and Disclaimer

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



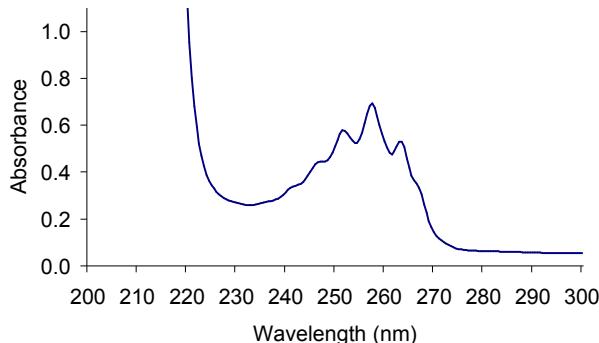
Nicolet 380 FT-IR Thermo Smart Orbit

Ultraviolet Spectrum

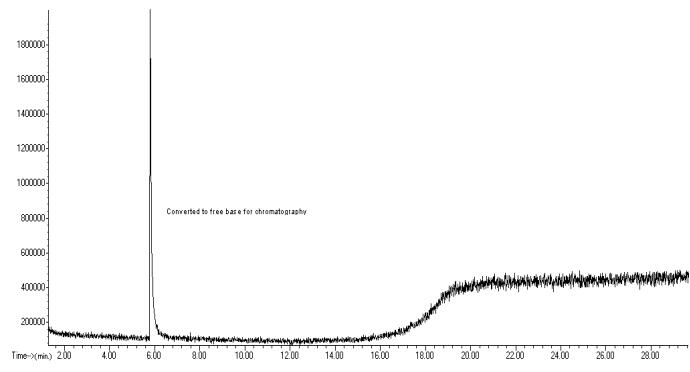
Peak	257.5 nm
Absorbance	0.6945
Solvent	Methanol
Dilution	1:1 (v/v)

Capillary Gas Chromatography

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
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)



Beckman-Coulter DU 800



Hewlett-Packard 6890