

Product Information

(+)-Methamphetamine hydrochloride solution

1.0 mg/mL \pm 5% in methanol

analytical standard, for drug analysis

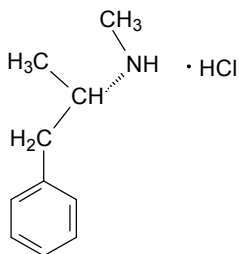
Catalog Number **M5260**

Lot Number SLBB1840

Storage Temperature 2–8 °C

CAS RN 51-57-0

Synonyms: d-Deoxyephedrine hydrochloride;
Desoxyephedrine hydrochloride; Methamphetamine
hydrochloride



Product Description

Molecular Formula: C₁₀H₁₅N · 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

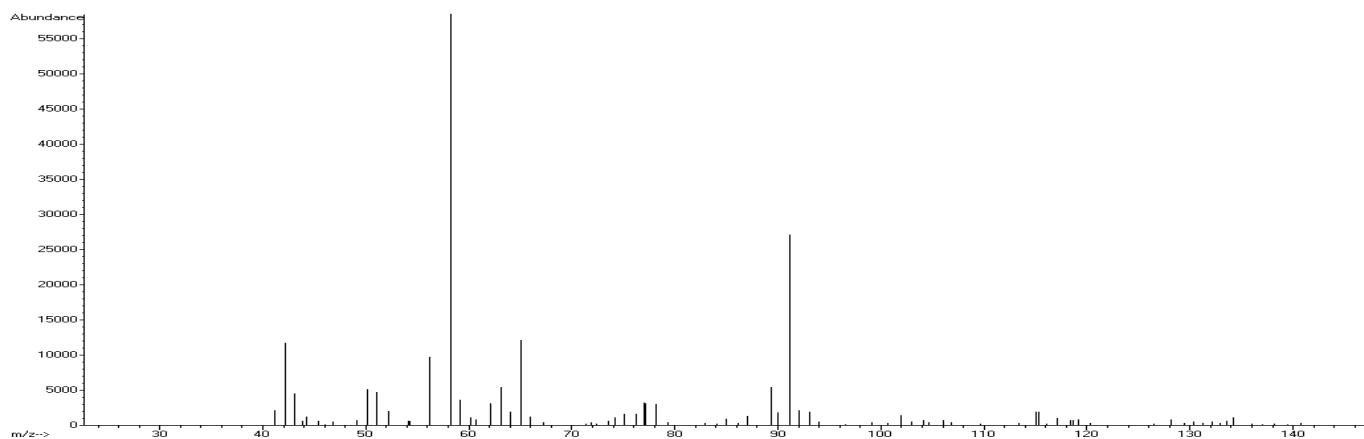
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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.

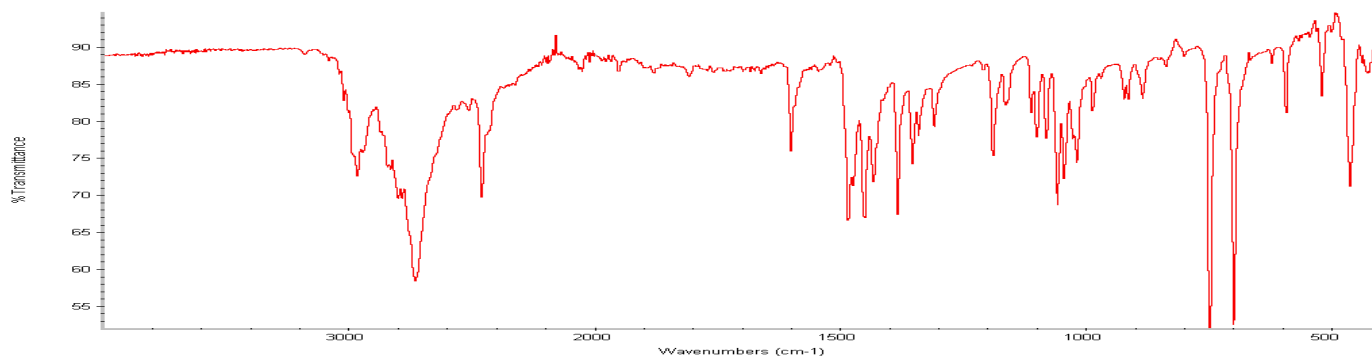
CMW,MAM 02/16-1

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)

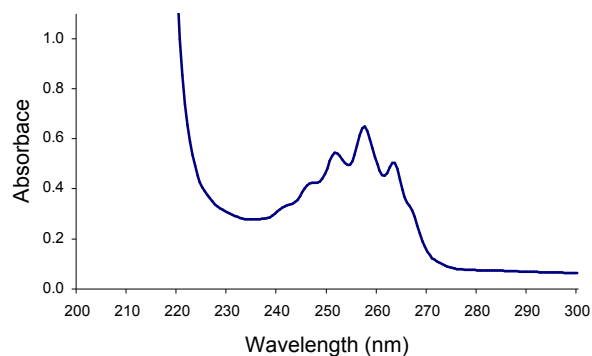
FT-IR



Nicolet 380 FT-IR Smart Orbit(ATR)

Ultraviolet Spectrum

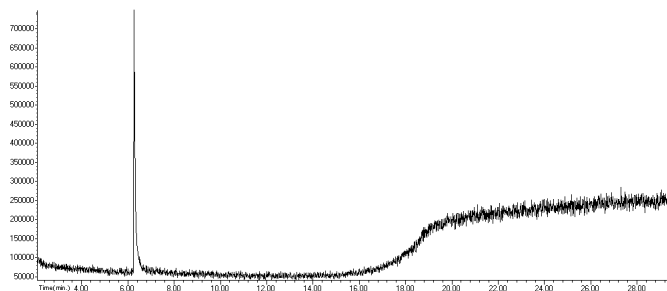
Peak	263.0 nm
Absorbance	0.5032
Solvent	Methanol
Dilution	1:1 (v/v)



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 μm
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