



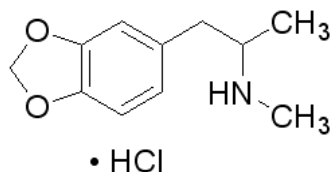
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Product Information

(±)3,4-Methylenedioxymethamphetamine
hydrochloride solution
1.0 mg/mL ± 5% in methanol
drug standard

Catalog Number **M5029**
Lot Number 077K5013
Storage Temperature 2–8 °C

CAS RN 92279-84-0
Synonyms: 5-(N,α-Dimethyl)ethanamine-
1,3-benzodioxole hydrochloride; MDMA hydrochloride;
Ecstasy; XTC



Product Description

Molecular Formula: $C_{11}H_{15}NO_2 \cdot HCl$
Molecular Weight: 229.70

DEA Class: Exempt

Concentration: 1.20 mg (±)3,4-methylenedioxymethamphetamine hydrochloride (equivalent to 1.01 mg of free base)/mL GC grade methanol (concentration verified by UV)

Expiration Date: December 2010

Precautions and Disclaimer

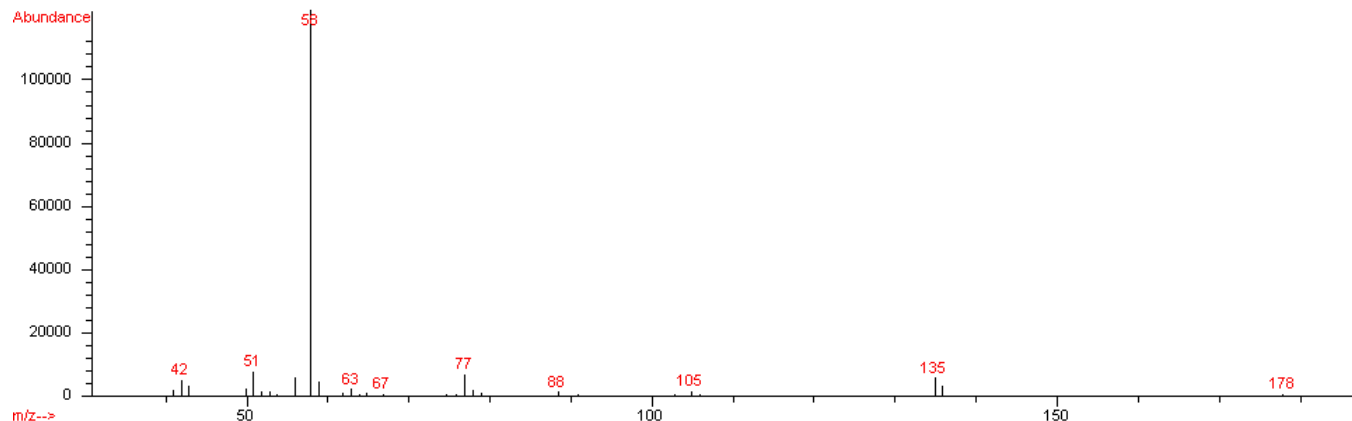
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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.

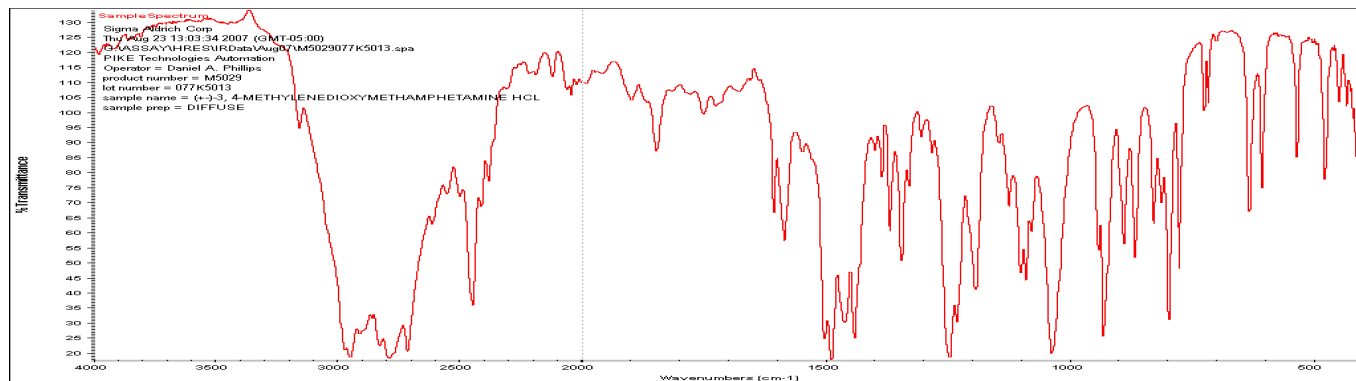
KP,MAM 09/07-1

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

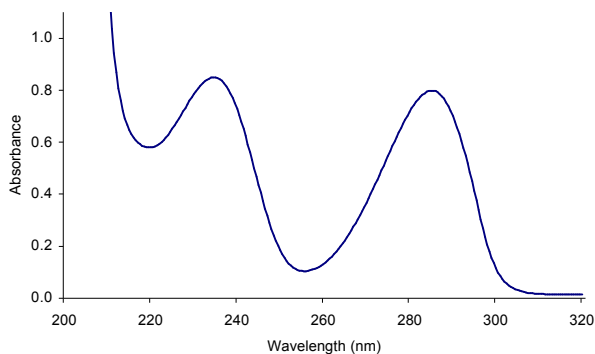
FT-IR



Nicolet Magna IR Spectrometer Series II

Ultraviolet Spectrum

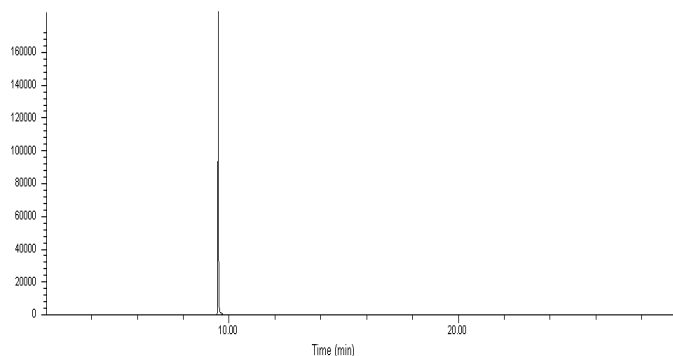
Peak	285.5 nm
Absorbance	0.798
Solvent	0.2 N H ₂ SO ₄
Dilution	1:100 (v/v)



Bio-Tek Uvikon XL

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, Split
Detector Hewlett-Packard 5971
 Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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