

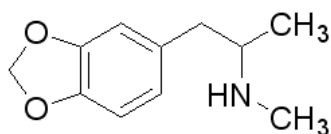
Product Information

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

Catalog Number **M5029**
Lot Number 070M8700V
Storage Temperature 2–8 °C

CAS RN: 64057-70-1
42542-10-9 (free base)

Synonyms: MDMA hydrochloride, Ecstasy
hydrochloride, XTC hydrochloride,
5-(N,α-Dimethyl)ethanamine-1,3-benzodioxole
hydrochloride



• HCl

Product Description

Molecular Formula: C₁₁H₁₅NO₂ · HCl
Molecular Weight: 229.70

DEA Class: Exempt preparation of Class I

Concentration: 1.19 mg (±)-3,4-methylenedioxy-
methamphetamine hydrochloride (equivalent to 1.00 mg
of free base)/mL of GC grade methanol (concentration
verified by UV)

Expiration Date: June 2013

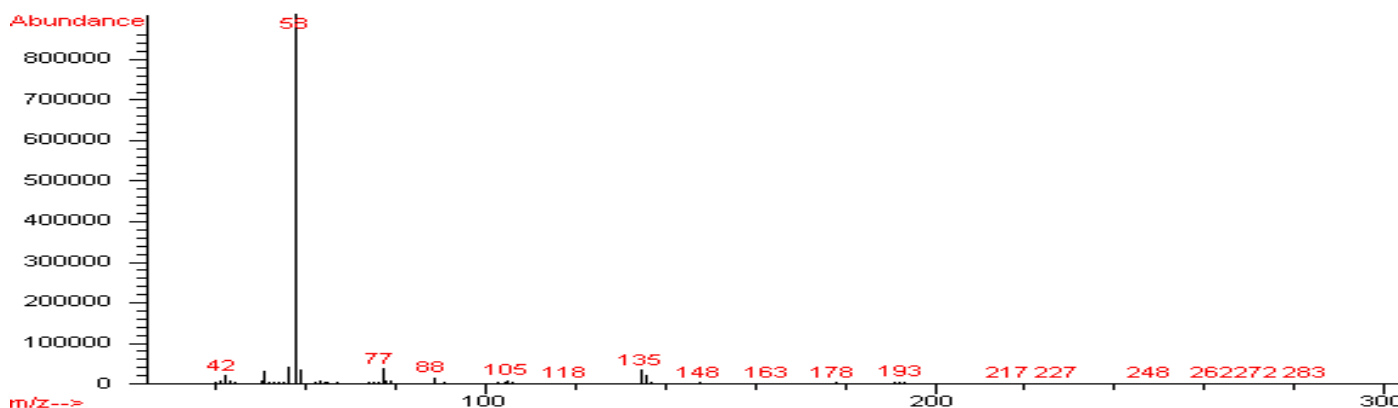
Precautions and Disclaimer

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.

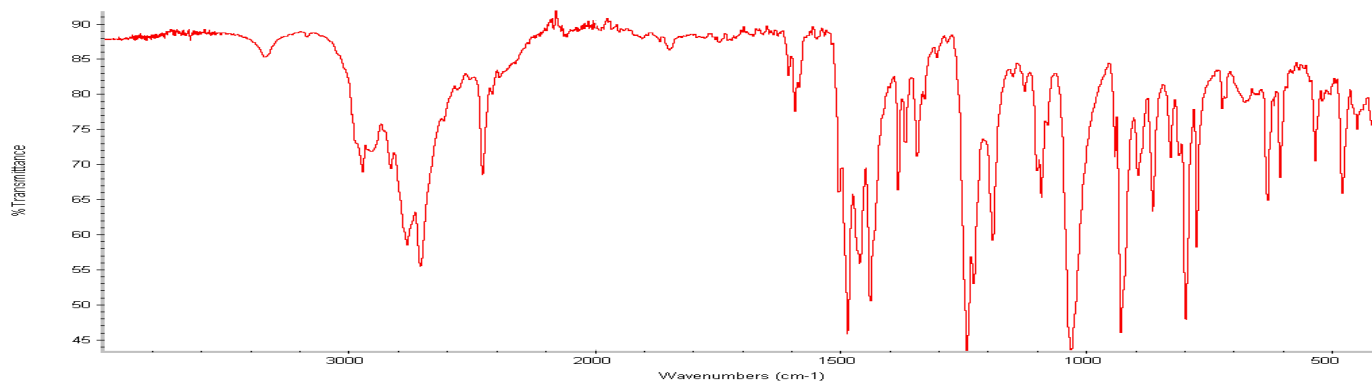
CMW,MAM 02/13-1



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)

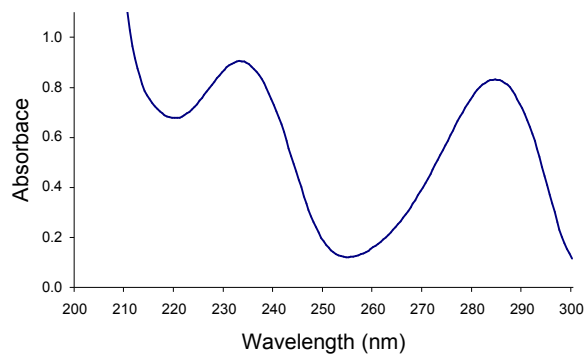
FT-IR



Nicolet 380 FT-IR Thermo Smart Orbit

Ultraviolet Spectrum

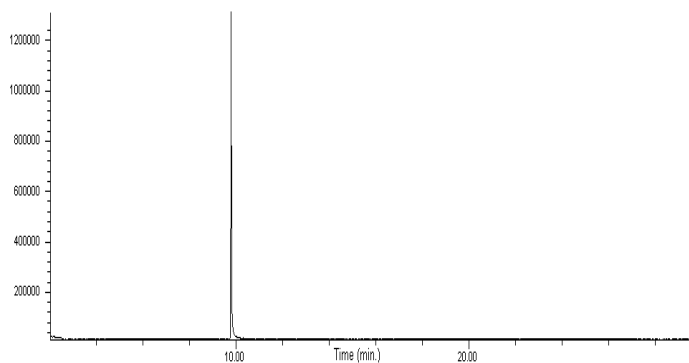
Peak	233.0 nm
Absorbance	0.9051
Solvent	0.2 N Sulfuric acid
Dilution	1:24 (v/v)



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



Hewlett-Packard 5890