

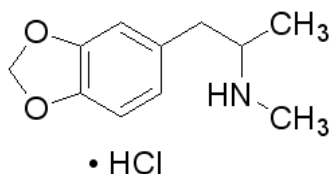
Product Information

**(±)-3,4-Methylenedioxyamphetamine
hydrochloride solution**
1.0 mg/ml ±5% in methanol
analytical standard, for drug analysis

Catalog Number **M5029**
Lot Number SLBH5818V
Storage Temperature 2–8 °C

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

Synonyms: DL-3,4-Methylenedioxyamphetamine
hydrochloride solution, DL-MDMA hydrochloride
solution, XTC hydrochloride solution



Product Description

Molecular Formula: C₁₁H₁₅NO₂ • HCl
Molecular Weight: 229.70
DEA Class: Exempt preparation of Class I

Concentration: 1.18 mg of (±)-3,4-methylenedioxy-
amphetamine hydrochloride (equivalent to 0.99 mg
of free base)/mL of GC grade methanol (concentration
verified by UV)

Expiration Date: December 2016

Precautions and Disclaimer

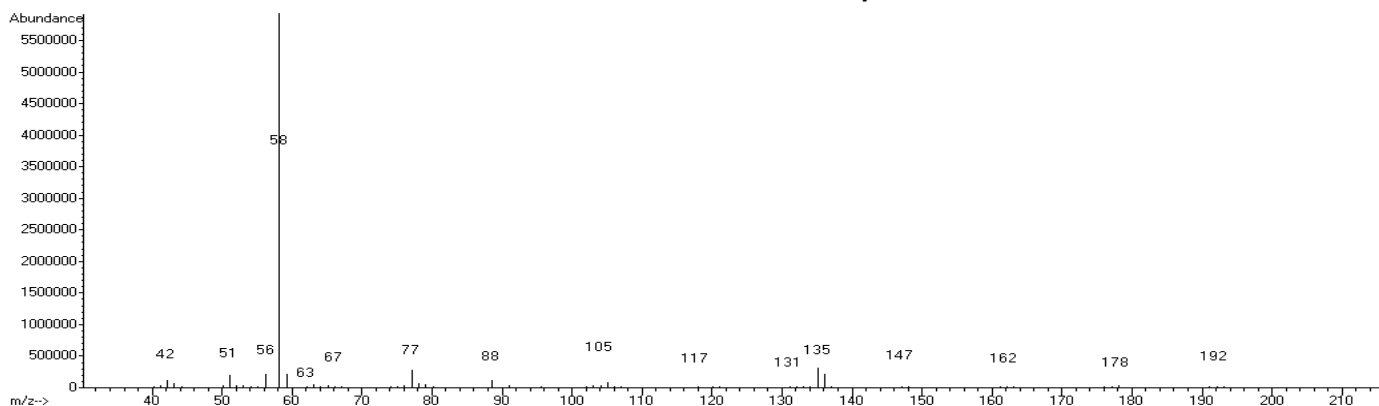
This product is for R&D use only, not for drug,
household, or other uses. Please consult the Material
Safety Data Sheet for information regarding hazards
and safe handling practices.

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.

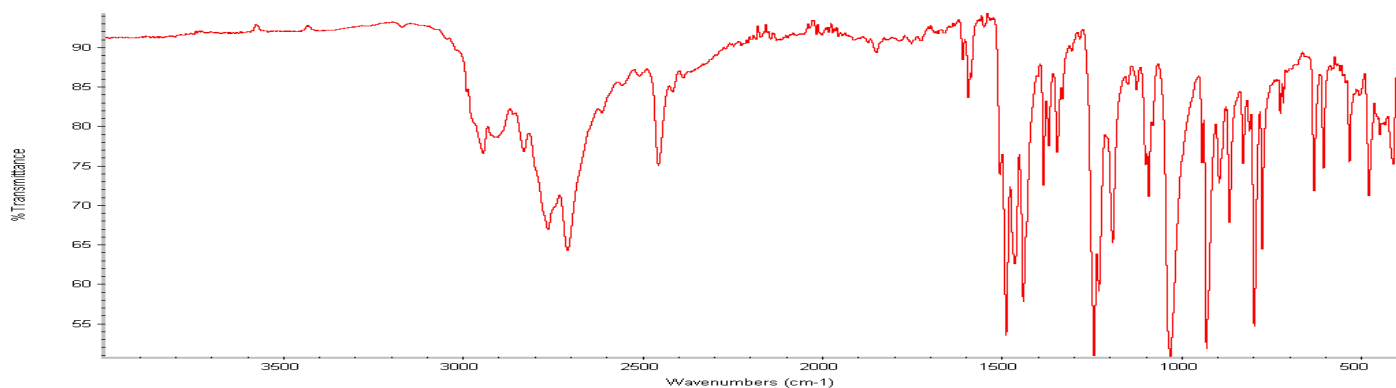
CMW,MAM 02/14-1

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 6890 Series II Gas Chromatograph
Hewlett-Packard 5973 Mass Selective Detector
Hewlett-Packard G1701DA MS ChemStation (HP-DOS series)

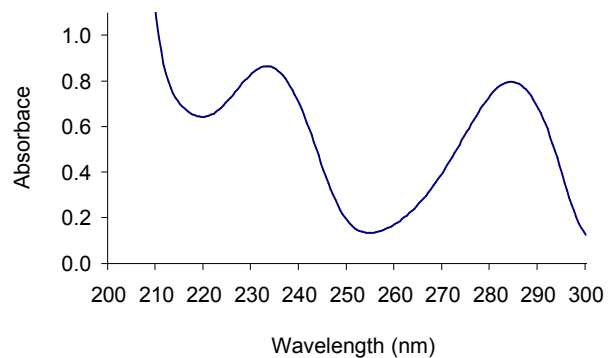
FT-IR



Nicolet 380 FT-IR with Thermo Smart Orbit

Ultraviolet Spectrum

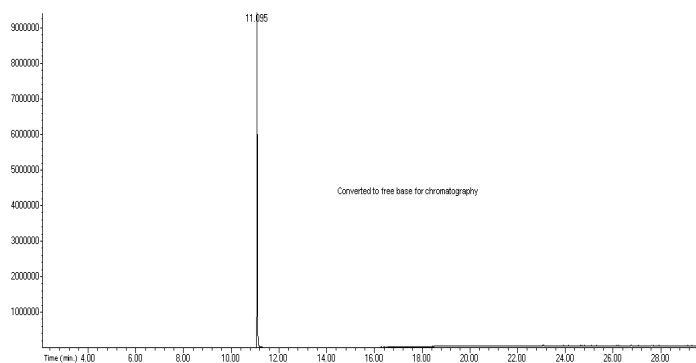
Peak	233.0 nm
Absorbance	0.8647
Solvent	0.2 N Sulfuric acid
Dilution	1:24 (v/v)



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 $^{\circ}\text{C}$ (2 minutes), then
15 $^{\circ}\text{C}/\text{minute}$ to 300 $^{\circ}\text{C}$, hold 11 minutes
Injector Temperature 250 $^{\circ}\text{C}$, Split
Detector Hewlett-Packard 5973
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890