

Product Information

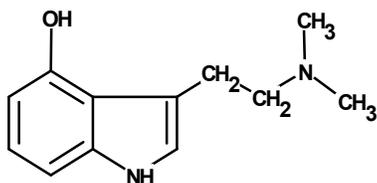
Psilocin solution

100 µg/mL±5% in methanol
drug standard

Catalog Number **P4054**
Lot Number SLBH8544V
Storage Temperature -20 °C

CAS RN 520-53-6

Synonyms: 3-[2-(Dimethylamino)ethyl]-1-H-indol-4-ol,
4-Hydroxy-N,N-dimethyltryptamine



Product Description

Molecular Formula: C₁₂H₁₆N₂O
Molecular Weight: 204.27

DEA Class: Exempt preparation of Class I

Concentration: 98 µg of psilocin/mL of GC grade methanol, concentration verified by UV.

Expiration Date: December 2016

Precautions and Disclaimer

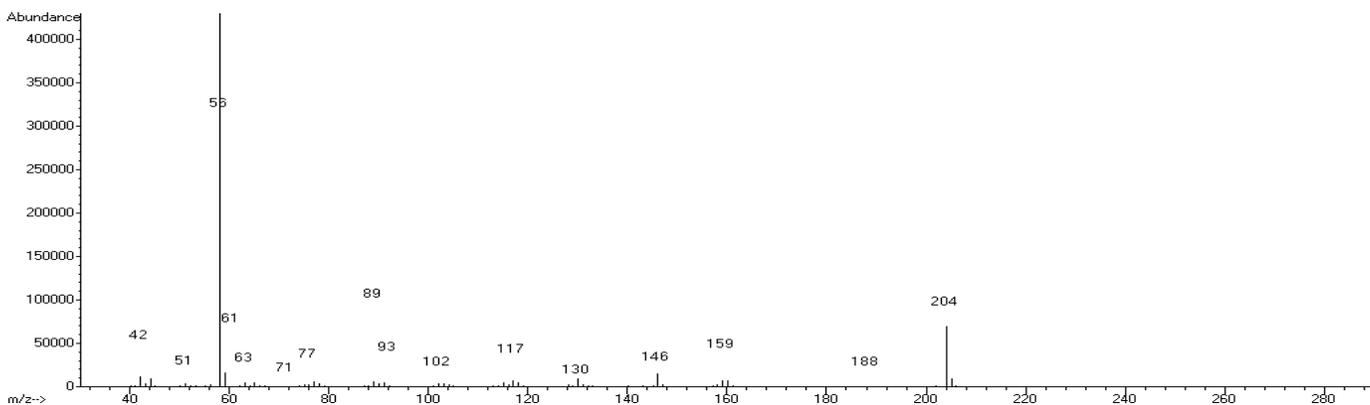
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at -20 °C. If stored at -20 °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.

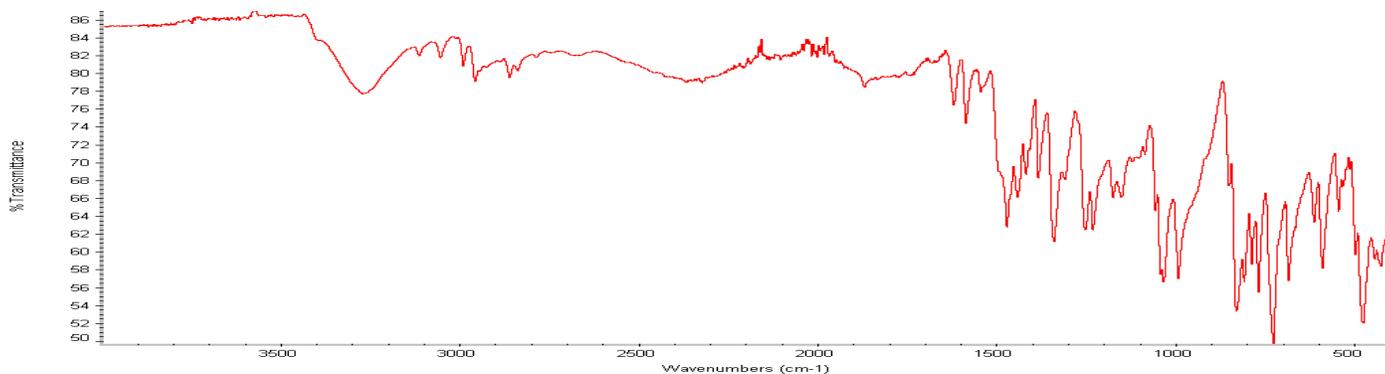
CMW,MAM 02/14-1

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)

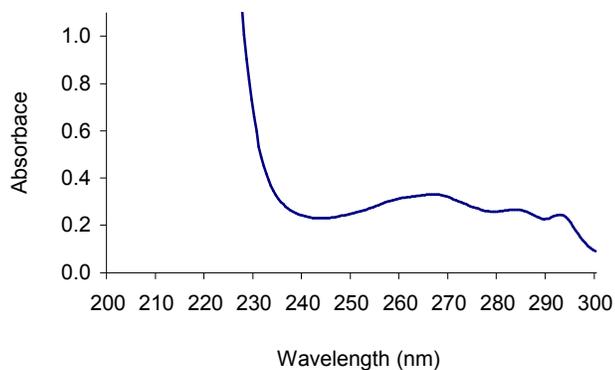
FT-IR



Nicolet 380 FT-IR with Thermo Smart Orbit

Ultraviolet Spectrum

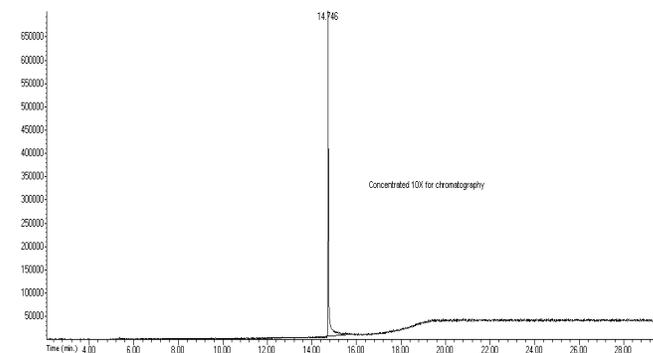
Peak	266.5 nm
Absorbance	0.3313
Solvent	GC grade methanol
Dilution	1:9(v/v)



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 5890