

## Product Information

### Psilocin solution

100 µg/mL±5% in methanol  
drug standard

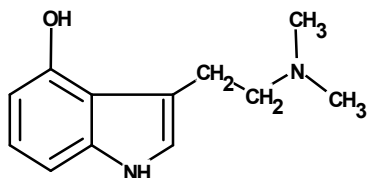
Catalog Number **P4054**

Lot Number 039K8720

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: C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O

Molecular Weight: 204.27

DEA Class: Exempt preparation of Class I

Concentration: 104 µg of psilocin/mL of GC grade methanol, concentration verified by UV.

Expiration Date: April 2013

### Precautions and Disclaimer

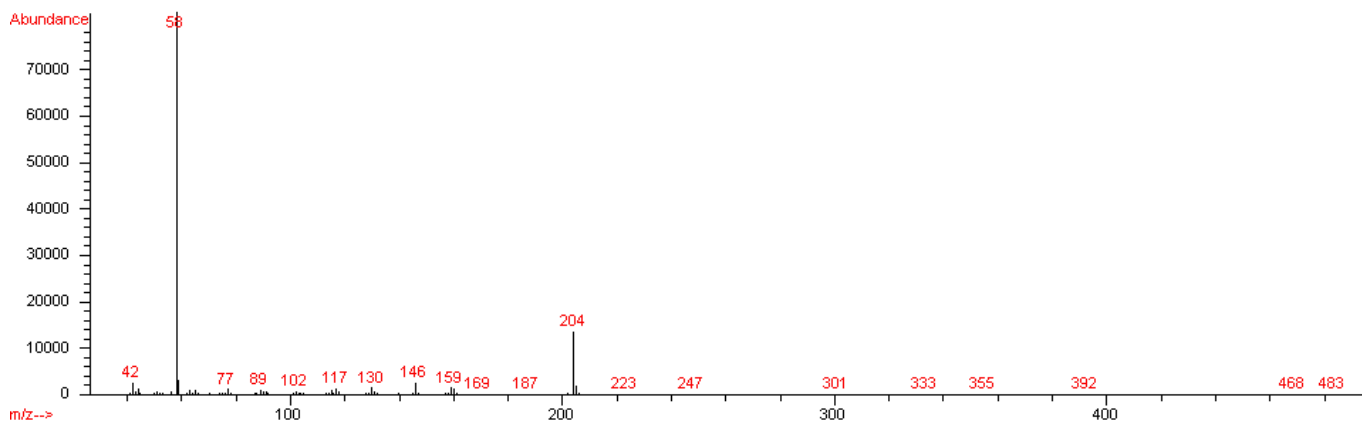
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

Store the product at -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 05/09-1

### 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)

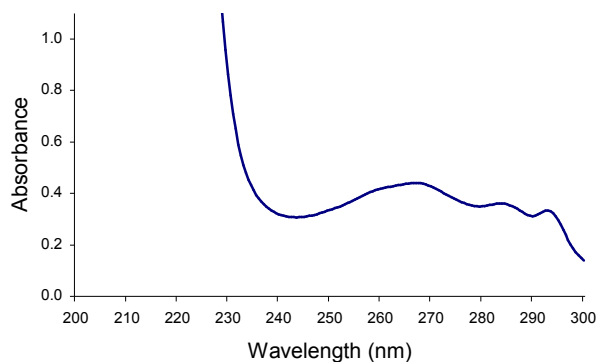
### FT-IR



Nicolet 380 FT-IR Thermo Smart Orbit

### Ultraviolet Spectrum

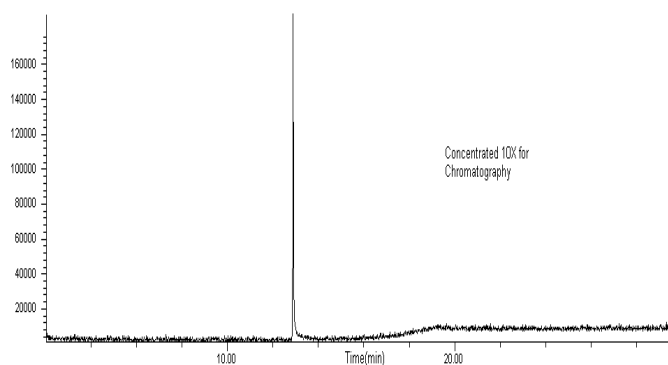
<b>Peak</b>	266.5 nm
<b>Absorbance</b>	0.4409
<b>Solvent</b>	Methanol
<b>Dilution</b>	1:9 (v/v)



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  $\mu\text{m}$   
**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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