

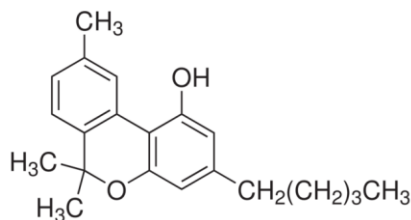
Product Information

Cannabinol solution

1.0 mg/mL±5% in methanol
analytical standard, for drug analysis

Catalog Number **C6520**
Lot Number SLBB8058V
Storage Temperature 2–8 °C

CAS RN 521-35-7
Synonyms: 6,6,9-Trimethyl-3-pentyl-
6H-dibenzo[b,d]pyran-1-ol, CBN



Product Description

Molecular Formula: C₂₁H₂₆O₂
Molecular Weight: 310.43

DEA Class: Exempt preparation of Class I

Concentration: 1.03 mg of cannabinol/mL of GC grade
methanol (concentration verified by UV)

Expiration Date: March 2015

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.

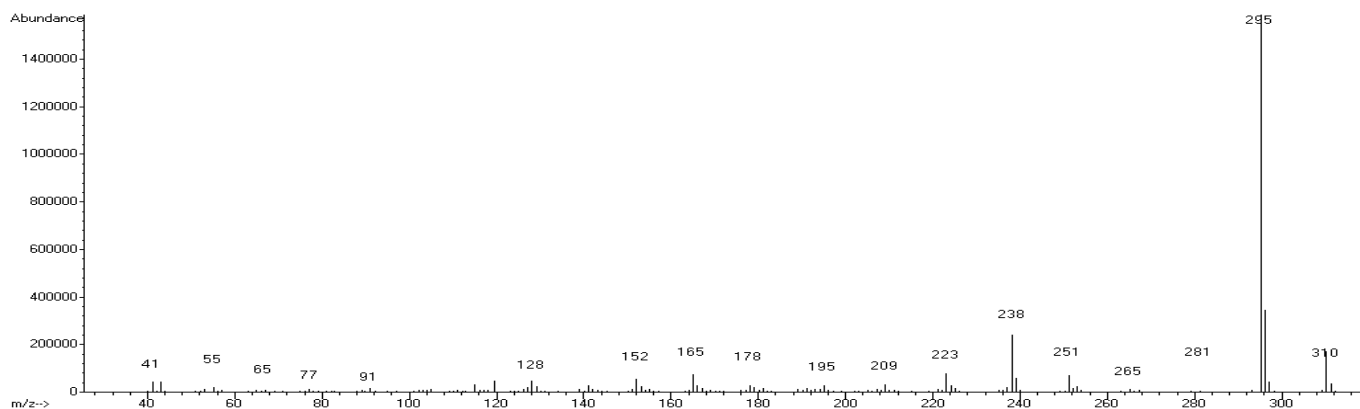
Storage/Stability

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 48 months. After opening, concentration may change
due to loss of solvent.

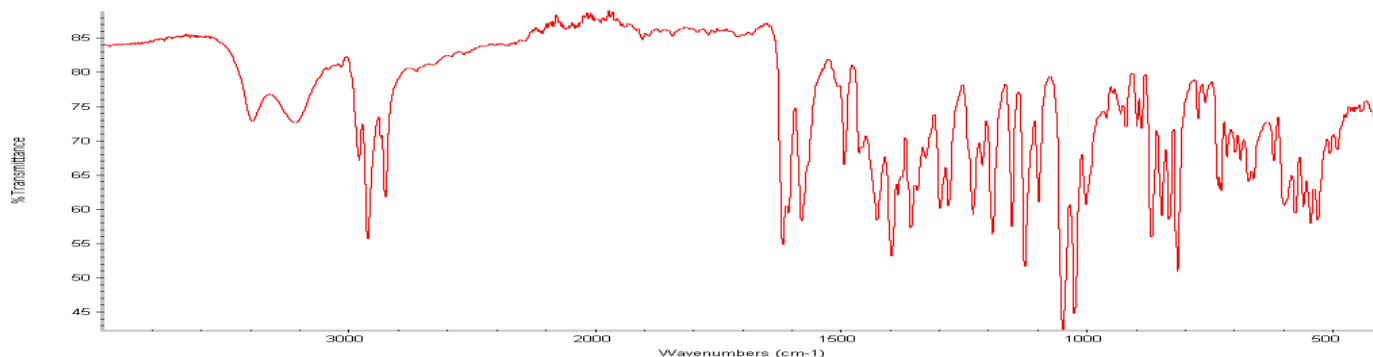
CMW,MAM 02/16-1

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)

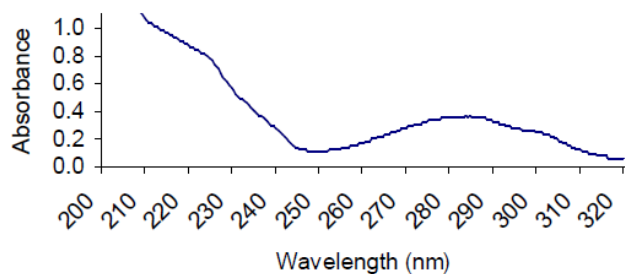
FT-IR



Nicolet 380 FT-IR with Thermo Smart Orbit attachment

Ultraviolet Spectrum

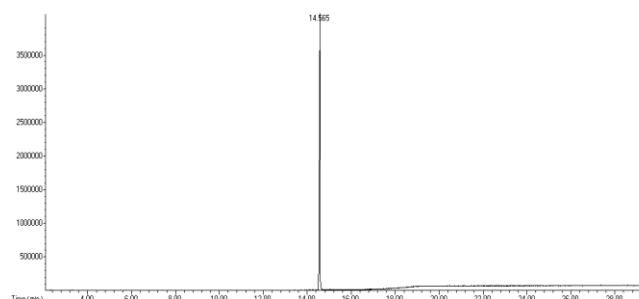
| | |
|-------------------|-------------------|
| Peak | 283.5 nm |
| Absorbance | 0.3593 |
| Solvent | GC grade methanol |
| Dilution | 1:199 (v/v) |



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 5973
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890