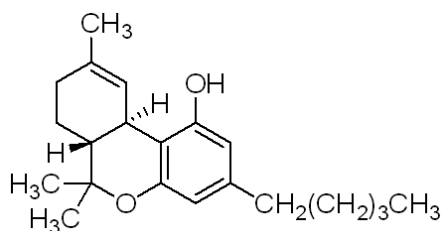


Product Information

Δ^9 -Tetrahydrocannabinol solution 1.0 mg/mL \pm 5% in methanol drug standard

Catalog Number **T4764**
Lot Number 118K8709
Storage Temperature 2–8 °C

CAS RN 1972-08-3
Synonyms: Δ^1 -Tetrahydrocannabinol



Product Description
Molecular Formula: C₂₁H₃₀O₂
Molecular Weight: 314.46

DEA Class: Exempt preparation of Class I

Concentration: 0.96 mg of Δ^9 -Tetrahydrocannabinol/mL of GC grade methanol, concentration verified by HPLC.

Expiration Date: January 2012

Precautions and Disclaimer

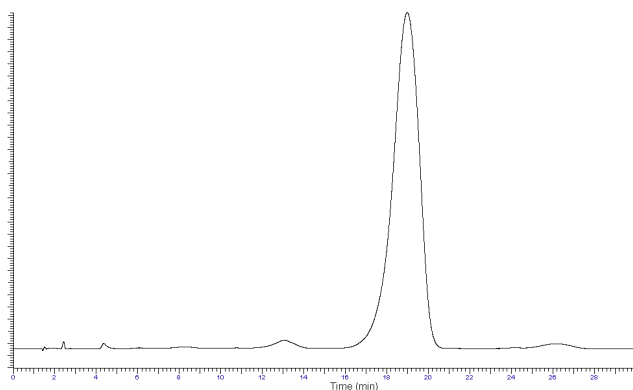
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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

CMW,MAM 12/08-1

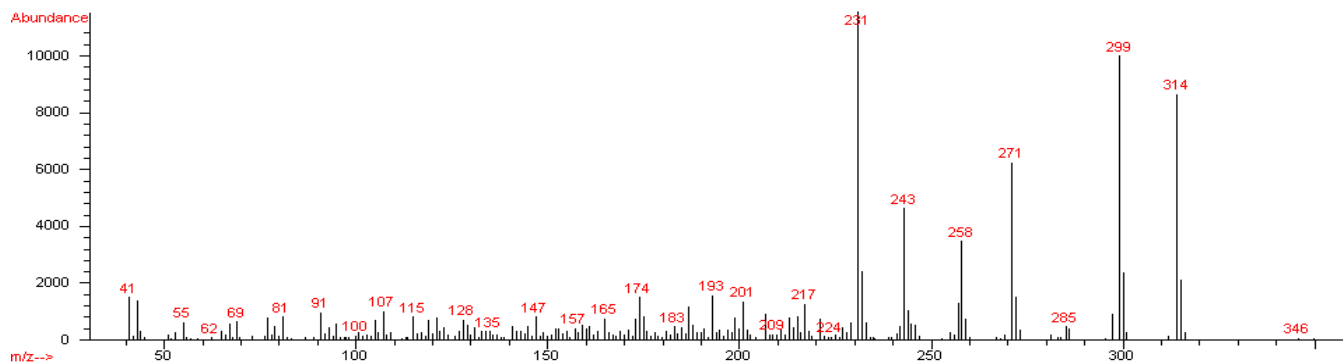
High Pressure Liquid Chromatography



Column Supelco Ascentis C18, 5 μ m, 4.6 \times 250 mm
Mobile Phase 80% Methanol/ 20% Water(18 M Ω -cm)
Gradient Isocratic
Flow Rate 1.0 mL/min
Temperature ambient
Detector UV (210 nm)

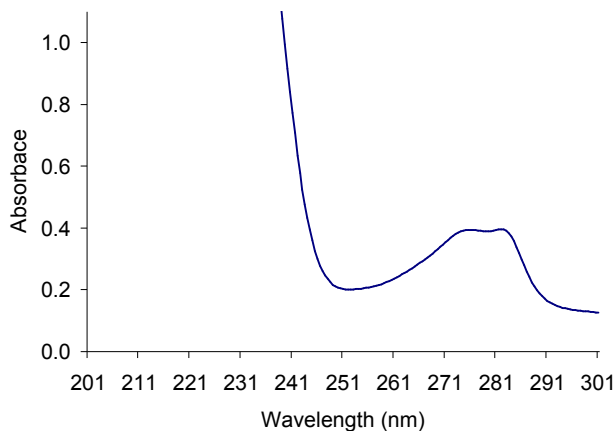
Perkin-Elmer Series 200 with
Totalchrom w/s ver. 6.3.0.0445

70 eV Electron Ionization Mass Spectrum



Ultraviolet Spectrum

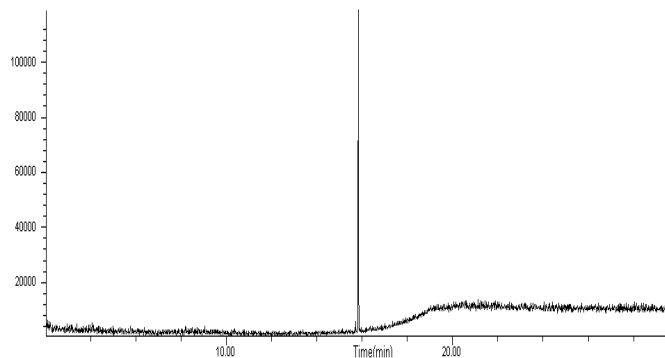
Peak	275 nm
Absorbance	0.3993
Solvent	Methanol
Dilution	1:9 (v/v)



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



Hewlett-Packard 5890

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