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## Product Information

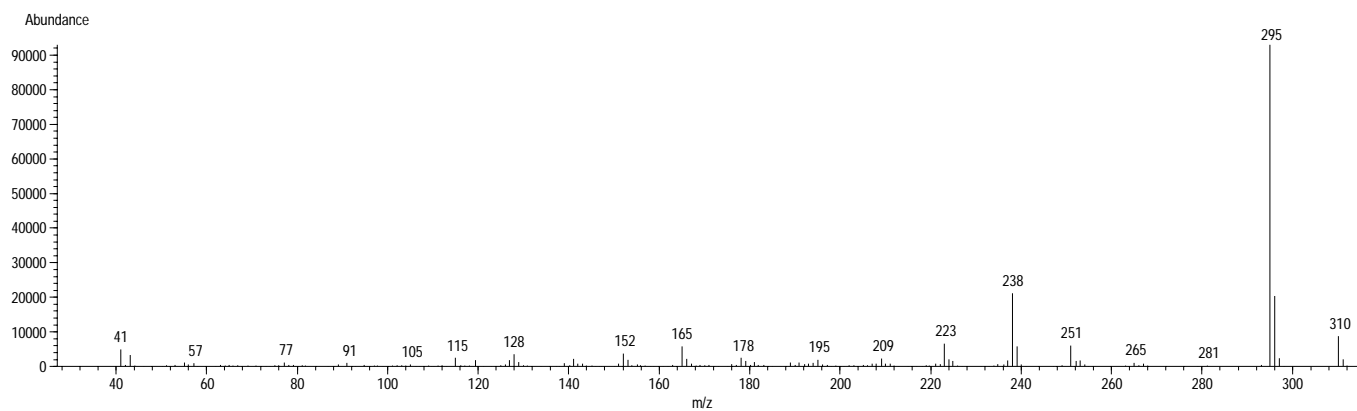
### CANNABINOL

Methanol Solution

**Product Number** C 6520  
**Lot Number** 23K8807  
**CAS Number** [521-35-7]  
**Concentration** 0.98 mg Cannabinol/mL GC grade methanol (conc. verified by UV)  
**Molecular Formula**  $C_{21}H_{26}O_2$   
**Molecular Weight** 310.4  
**DEA Class** Exempt preparation of Class I

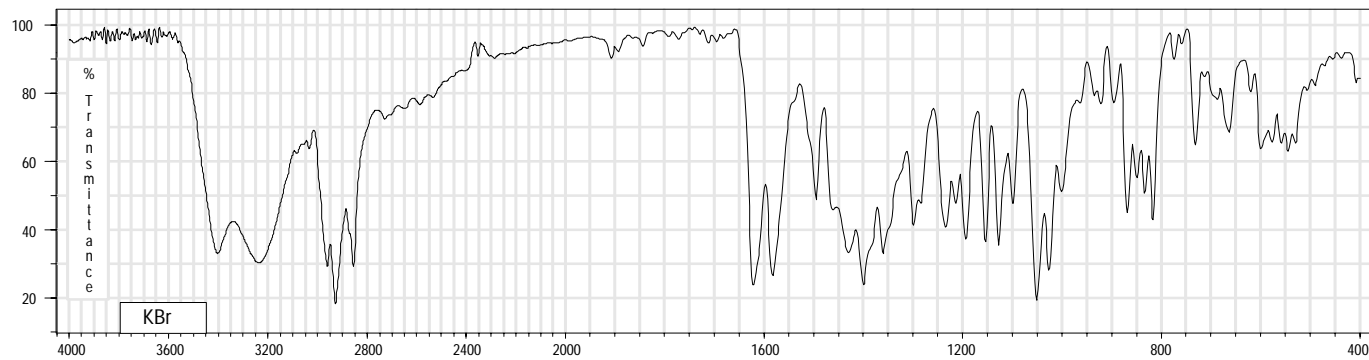
**Synonyms** 6,6,9-Trimethyl-3-pentyl-6H-dibenzo[b,d]pyran-1-ol; CBN  
**Stability** If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.  
**Expiration Date** October 2007  
**Storage** 2-8°C; After opening, transfer contents to small vial provided for your convenience.

### 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



Wavenumbers (cm<sup>-1</sup>)

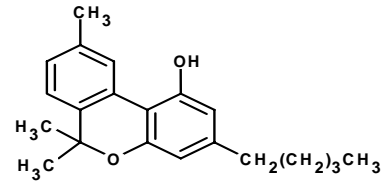
Mattson Galaxy 3020 FT-IR

# CANNABINOL

Methanol Solution

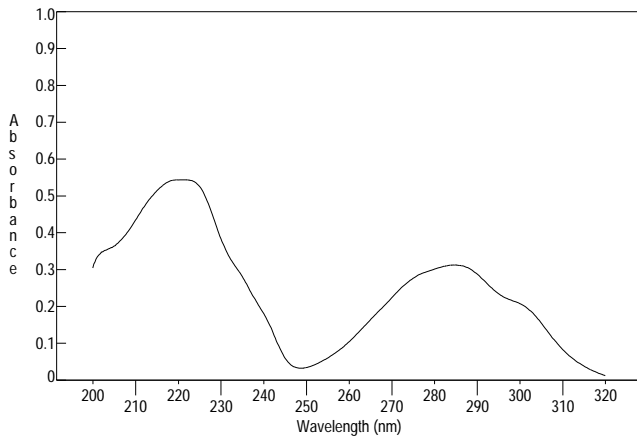
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## Ultraviolet Spectrum

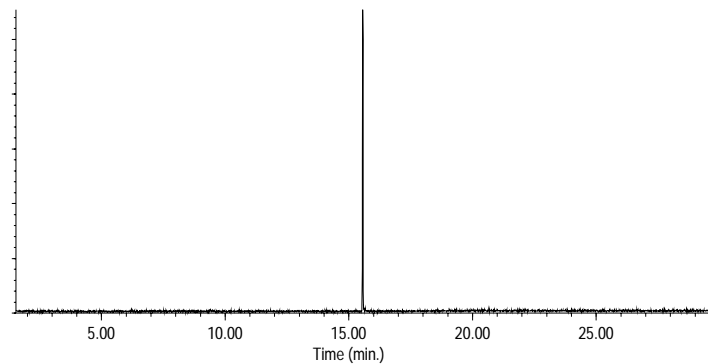
<b>Peak</b>	284.2 nm
<b>Absorbance</b>	0.312
<b>Solvent</b>	Methanol
<b>Dilution</b>	1 : 199 (v/v)



Bio-Tek Uvikon XL

## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 2-4162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ m  
**Oven Temperature** 50°C (2 min.), then 15°/min. to 300°C, hold 11 min.  
**Injector Temperature** 250°C, Split  
**Detector** Hewlett-Packard 5971  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

C 6520/23K8807/02/25/03

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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