

Product Information

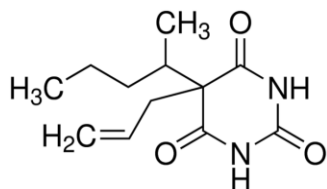
Secobarbital solution

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

Catalog Number **S4006**
Lot Number SLBB3066V
Storage Temperature 2–8 °C

CAS RN 76-73-3

Synonyms: 5-(1-Methylbutyl)-5-(2-propenyl)-
2,4,6(1H,3H,5H)-pyrimidinetrione, Meballymal, 5-Allyl-
5(1-methylbutyl)barbituric acid;Quinalbarbitone



Product Description

Molecular Formula: C₁₂H₁₈N₂O₃
Molecular Weight: 238.28

DEA Class: Exempt preparation of Class II

Concentration: 1.01 mg of secobarbital/mL of GC grade
methanol, concentration verified by UV.

Expiration Date: March 2015

Precautions and Disclaimer

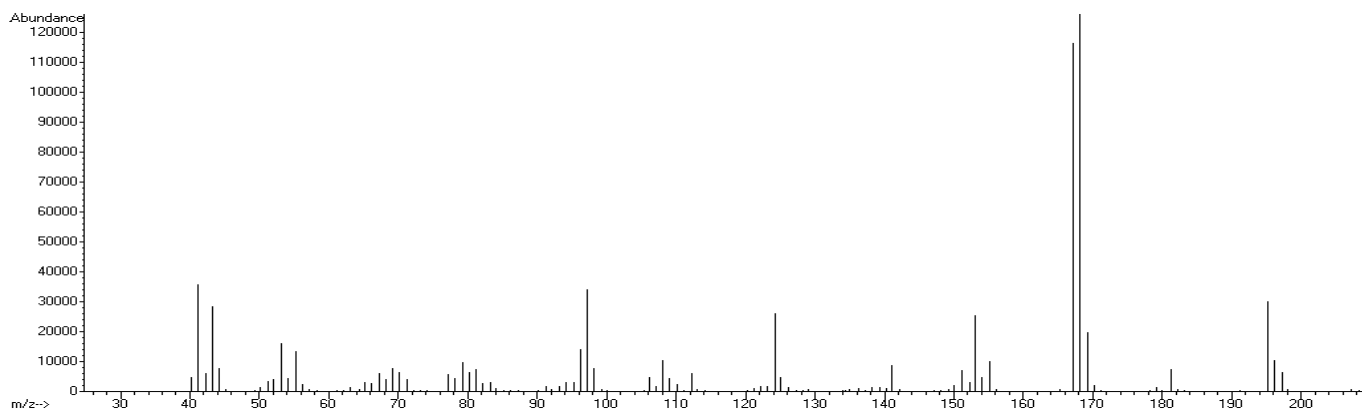
This product is for R&D use only, not for drug,
household, or other uses. Please consult the Material
Safety Data Sheet for information regarding hazards
and safe handling practices.

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.

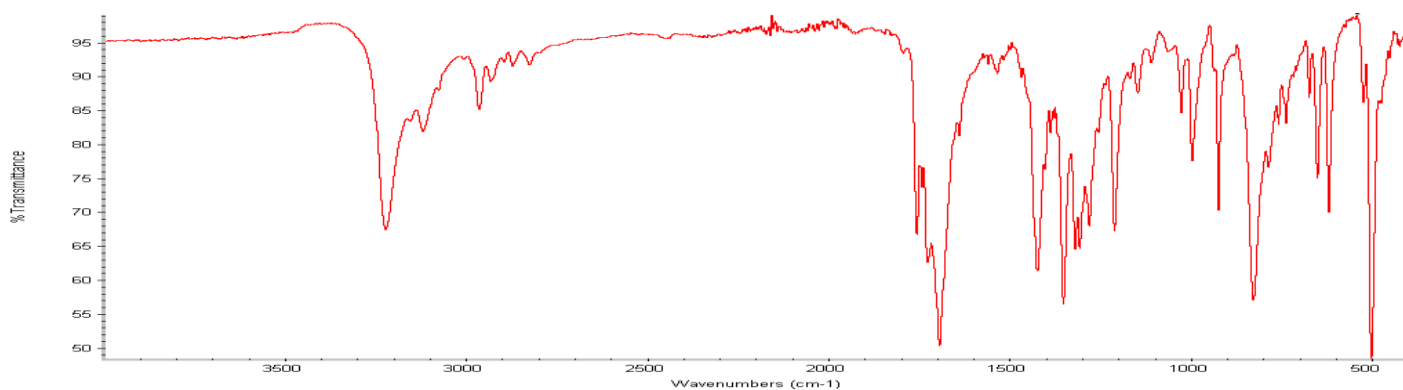
CMW,MAM 02/16-1

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)

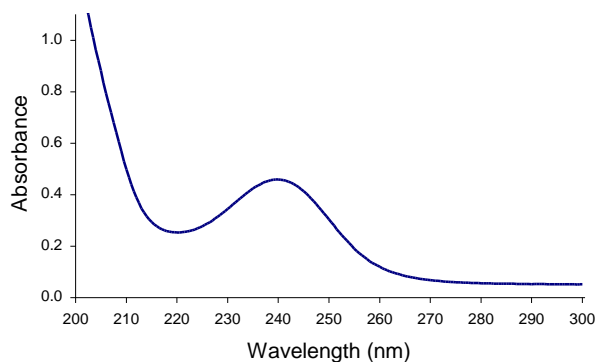
FT-IR



Nicolet 380 FT-IR (Thermo Smart Orbit)

Ultraviolet Spectrum

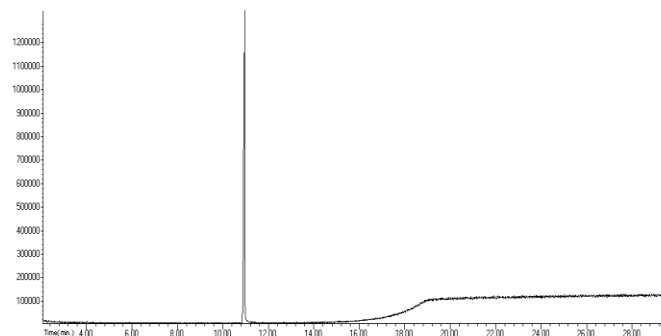
Peak	240.0 nm
Absorbance	0.4551
Solvent	50 mM Borax
Dilution	1: 99 (v/v)



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 6890
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 6890