



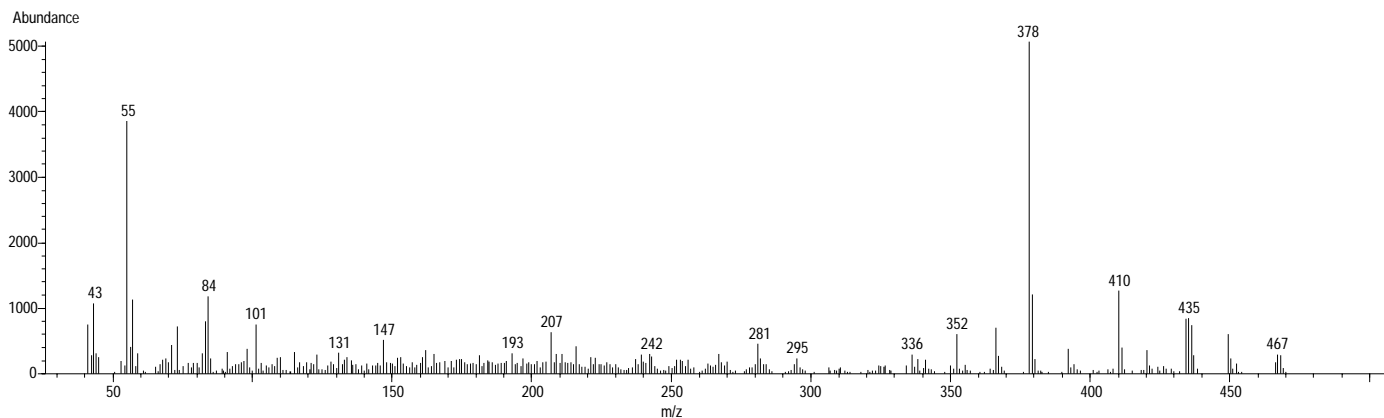
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Product Information

BUPRENORPHINE HYDROCHLORIDE

Methanol Solution

Product Number	B 7536	Synonyms	21-Cyclopropyl-7 α -[(S)-1-hydroxy-1,2,2-trimethylpropyl]-6,14-endo-ethano-6,7,8,14-tetrahydrooripavine hydrochloride
Lot Number	101K8811	Stability	If stored at < 0°C in an air tight container, protected from light, decomposition of the product is less than 2% in 12 months. After opening, concentration may change due to loss of solvent.
CAS Number	[53152-21-9]	Expiration Date	June 2006
Concentration	1.07 mg Burpenorphine Hydrochloride (equivalent to 0.99 mg free base)/mL GC grade methanol (conc. Verified by UV)	Storage	< 0°C; After opening, transfer contents to small vial provided for your convenience.
Molecular Formula	C ₂₉ H ₄₁ NO ₄ • HCl	DEA Class	Exempt preparation 70 eV Electron Ionization Mass Spectrum
Molecular Weight	504.1		



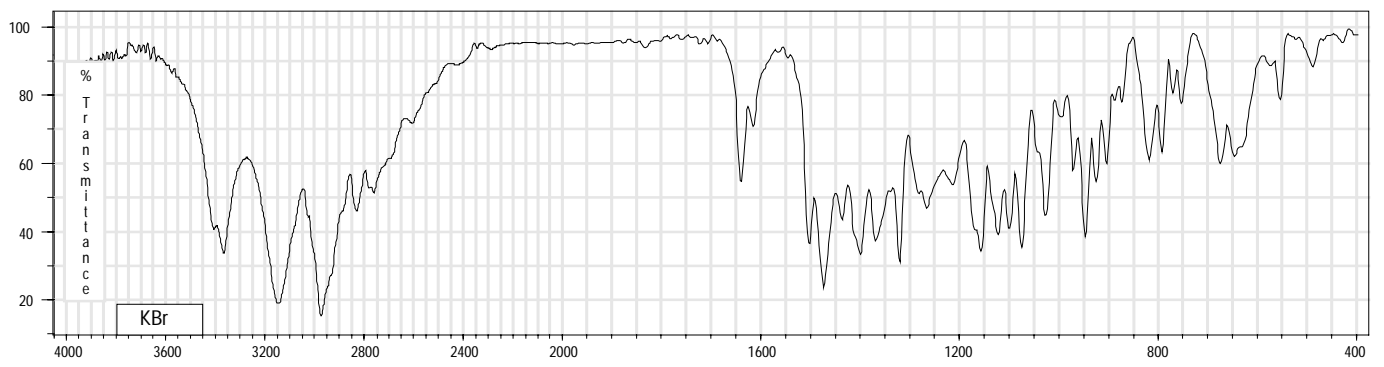
of Class V

Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR

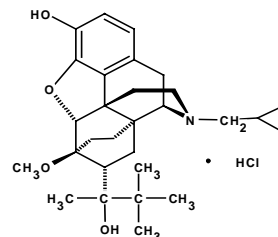
Wavenumbers (cm⁻¹)

Mattson Galaxy 3020 FT-IR



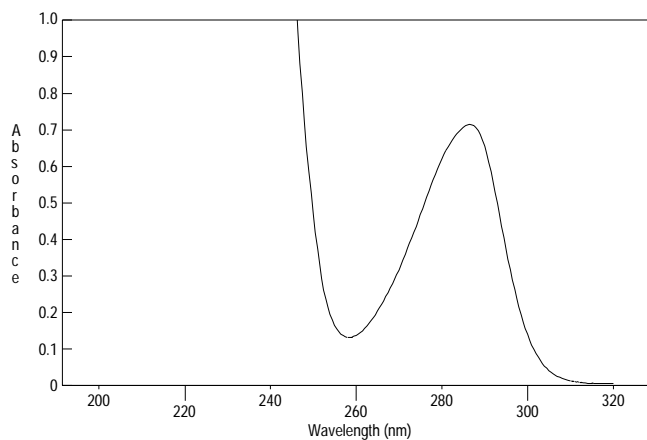
BUPRENORPHINE HYDROCHLORIDE

Methanol Solution
Product Number B 7536
Lot Number 101K8811



Ultraviolet Spectrum

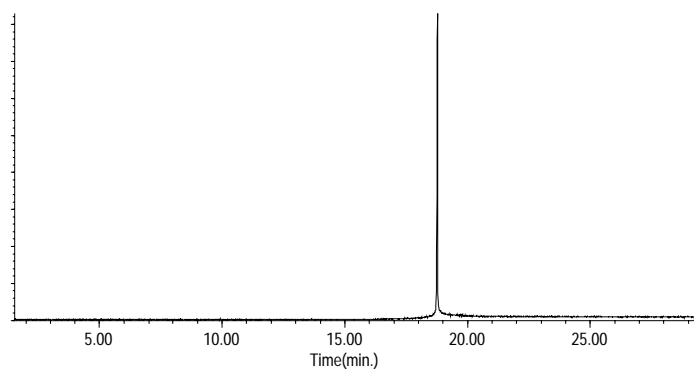
Peak	286.5 nm
Absorbance	0.714
Solvent	0.2 N H ₂ SO ₄
Dilution	1: 4 (v/v)



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 μ 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

B 7536/101K8811/11/07/01

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