

Product Information

HEROIN HYDROCHLORIDE

Methanol Solution

Product Number H 5144
Lot Number 62K88051
CAS Number [1502-95-0]
Concentration 112 µg Heroin Hydrochloride
 (equivalent to 102 µg free base)/mL GC
 grade methanol (conc. verified by UV)

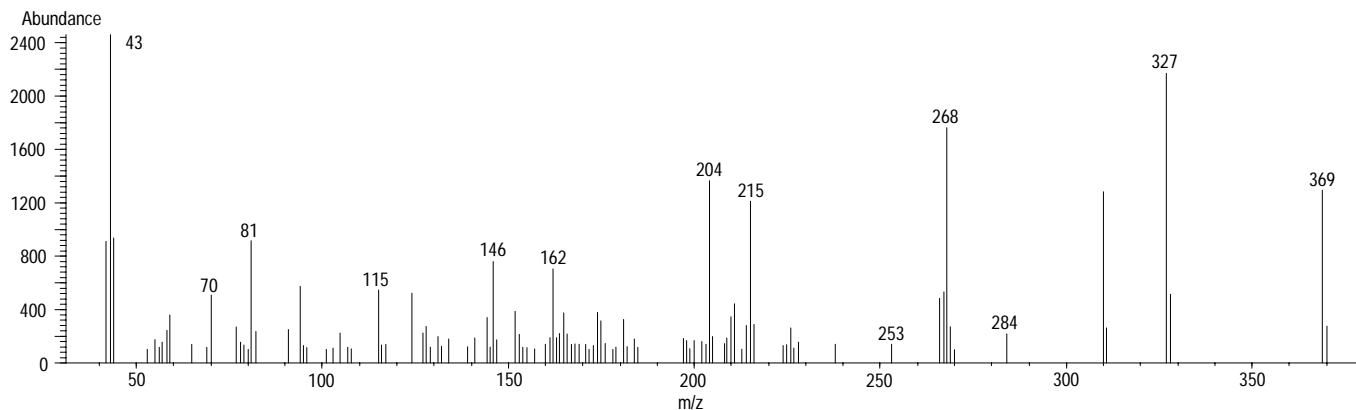
Molecular Formula C₂₁H₂₃NO₅ • HCl • H₂O
Molecular Weight 423.9
DEA Class Exempt preparation of Class I

Synonyms Diacetylmorphine Hydrochloride,
 Acetomorphine Hydrochloride, Diamorphine
 Hydrochloride

Stability If stored at < 0°C in an air tight container,
 protected from light, decomposition of the
 product is less than 1% in 12 months. After
 opening, concentration may change due to
 loss of solvent.

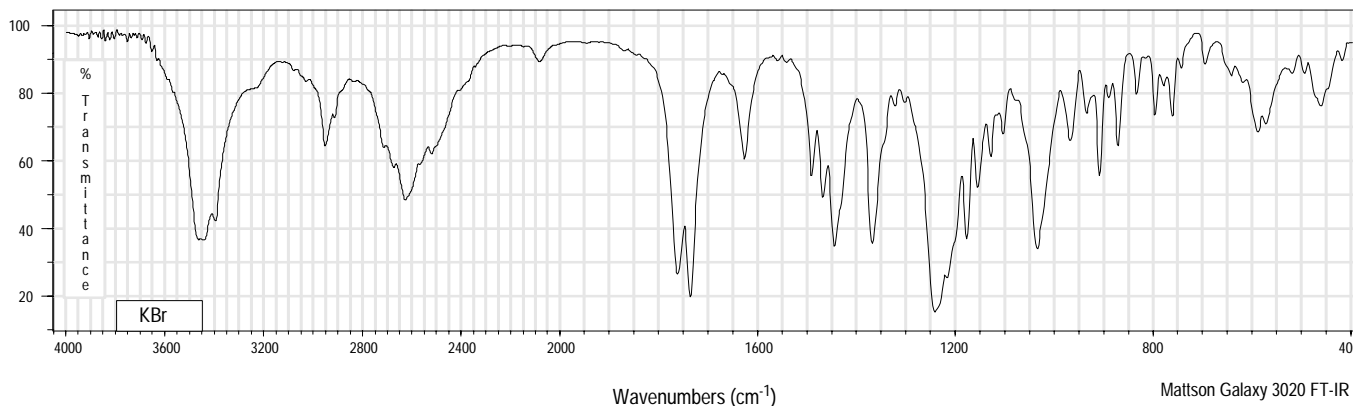
Expiration Date December 2008
Storage < 0°C; After opening, transfer contents to
 small vial provided for your
 convenience.

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



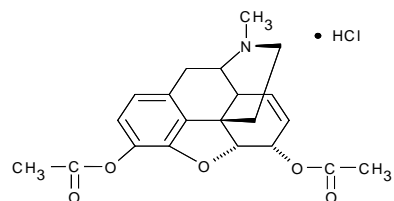
Mattson Galaxy 3020 FT-IR

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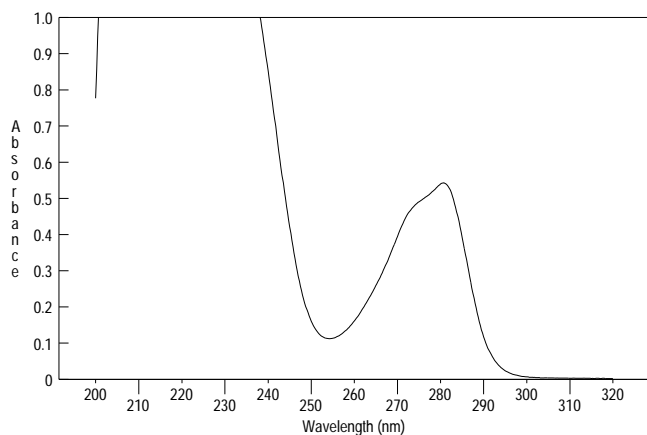
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Ultraviolet Spectrum

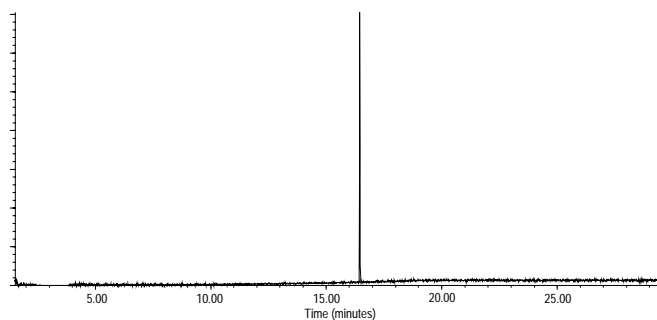
Peak	280.8 nm
Absorbance	0.542
Solvent	N. A.
Dilution	neat



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

H 5144/62K88051/1/14/05

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Please see reverse side of the invoice or packing slip.