

Product Information

Heroin hydrochloride solution

**100 µg/mL±5% in methanol
drug standard**

Catalog Number **H5144**

Lot Number 050M8705

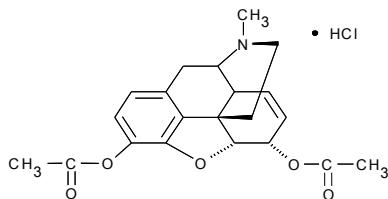
Storage Temperature –20 °C

CAS RN 1502-95-0

CAS RN 1302-55-6
Synonyms: Diacetylmorphine Hydrochloride,
Acetomorphine Hydrochloride, Diamorphine
Hydrochloride

Concentration: 0.114 mg of heroin hydrochloride (equivalent to 0.104 mg of free base)/mL of GC grade methanol (concentration verified by UV)

Expiration Date: August 2013



Product Description

Molecular Formula: $C_{21}H_{23}NO_5 \cdot HCl$

Molecular Weight: 405.87

DEA Class: Exempt preparation of Class I

Precautions and Disclaimer

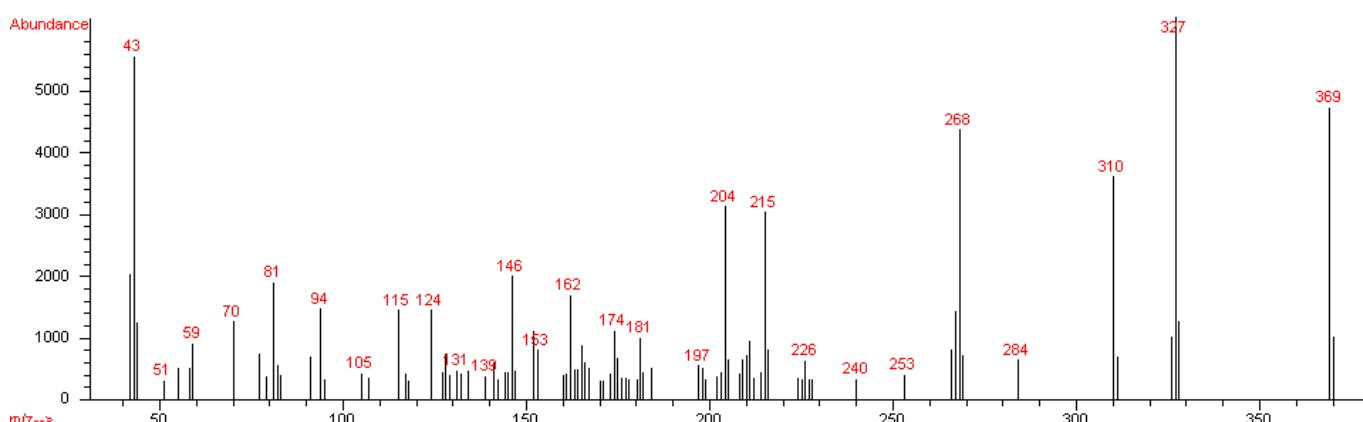
Precautions and Disclaimers:
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at -20°C . If stored at -20°C in an airtight 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.

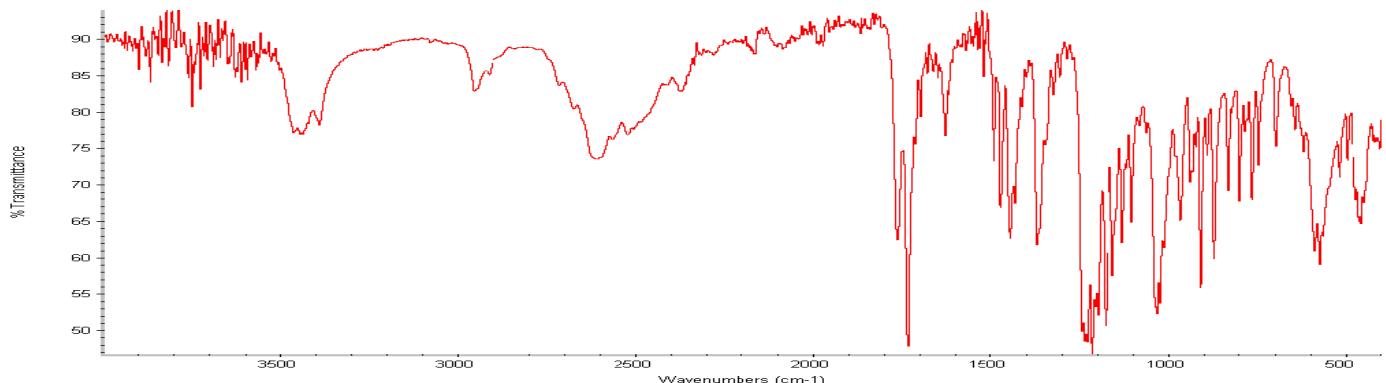
CMW,MAM 08/10-1

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



Nicolet 380 FT-IR Smart Orbit(ATR)

Ultraviolet Spectrum

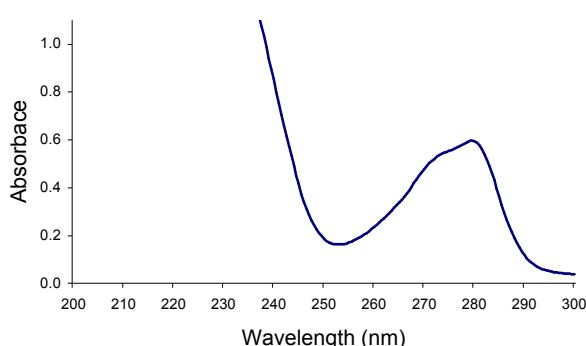
Peak 279.5 nm

Absorbance 0.5966

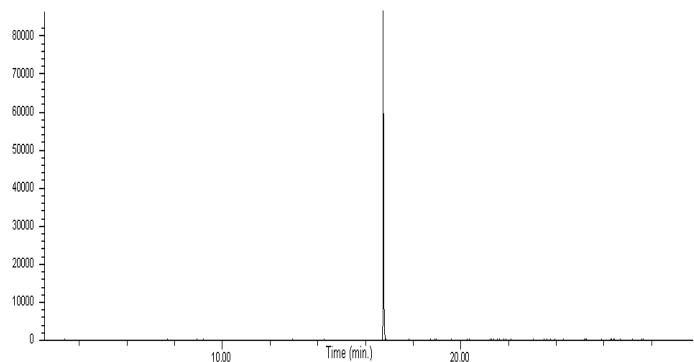
Dilution Neat

Capillary Gas Chromatography

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μ m
Oven Temperature 50 °C (2 minutes), then
15 °C/minute to 300 °C, hold 11 minutes
Injector Temperature 250 °C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Beckman-Coulter DU 800



Hewlett-Packard 5890

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