

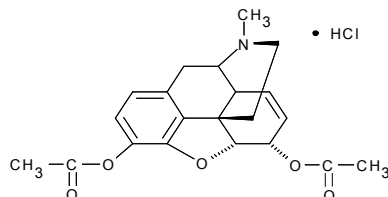
Product Information

Heroin hydrochloride solution 100 µg/mL±5% in methanol drug standard

Catalog Number **H5144**
Lot Number 095K8801
Storage Temperature -20 °C

CAS RN 1502-95-0

Synonyms: Diacetylmorphine hydrochloride;
Acetomorphine hydrochloride; Diamorphine
hydrochloride



Product Description

Molecular Formula: C₂₁H₂₃NO₅ · HCl
Molecular Weight: 405.87

DEA Class: Exempt preparation of Class I

Expiration Date: December 2009

110 µg of Heroin hydrochloride (equivalent to 100 µg of free base)/mL of GC grade methanol, concentration verified by UV.

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.

Preparation Instructions

After opening, transfer contents to small vial provided for your convenience.

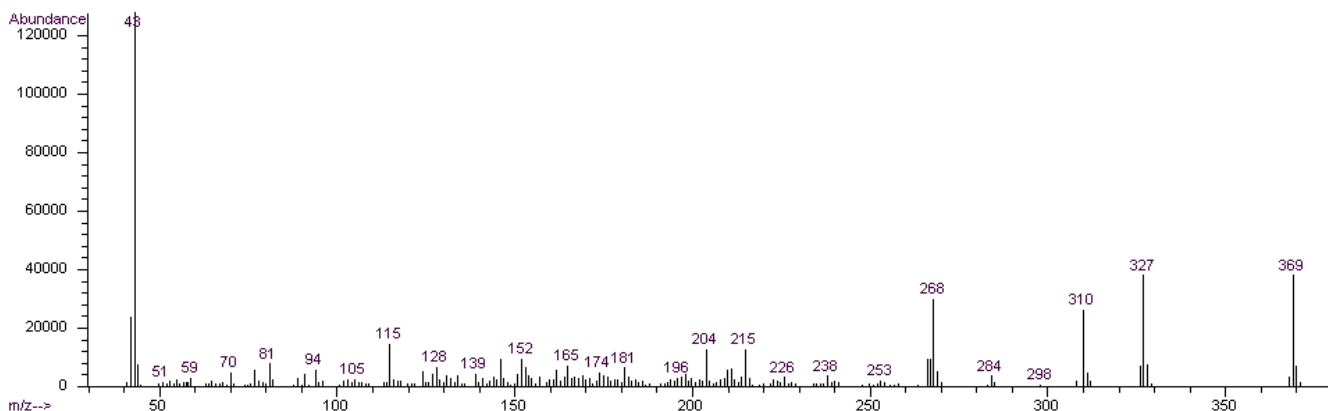
Storage/Stability

Store the product at -20 °C.

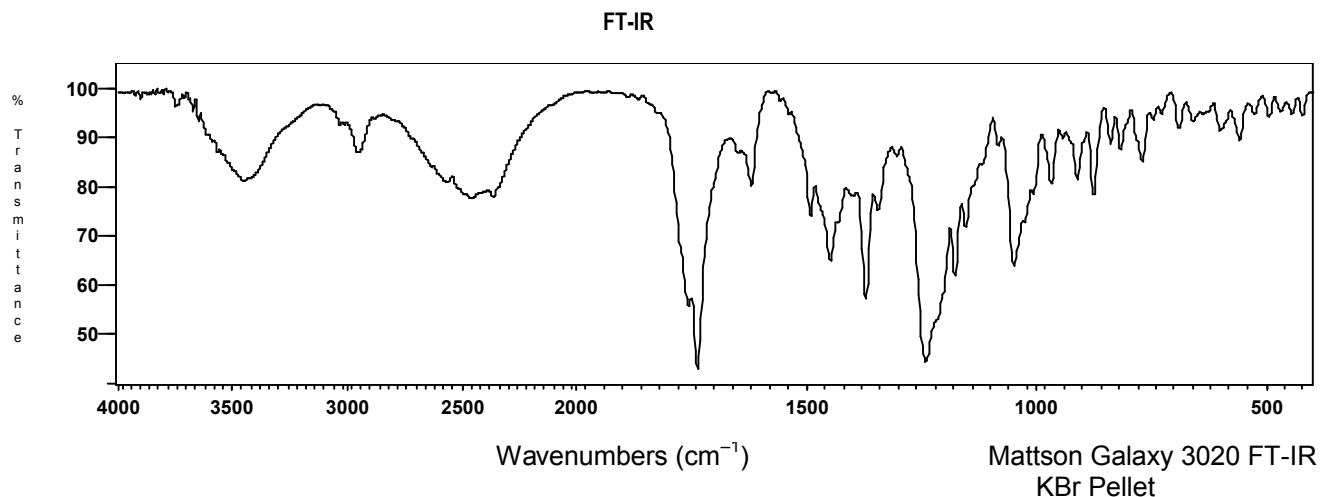
If stored at -20 °C in an airtight container, protected from light, decomposition of the product is less than 1% in 12 months. After opening, concentration may change due to loss of solvent.

TH,MAM 03/08-1

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)



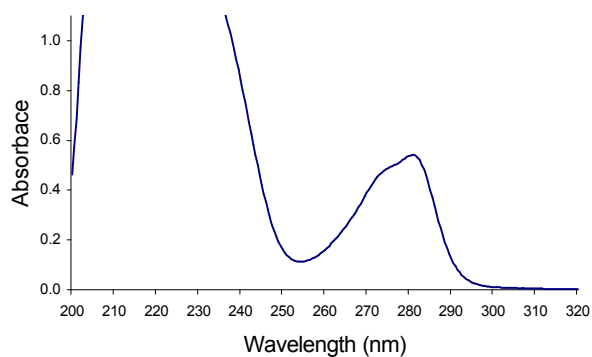
Ultraviolet Spectrum

Peak 281.0 nm

Absorbance 0.541

Solvent N. A.

Dilution neat



Bio-Tek Uvikon XL

Capillary Gas Chromatography

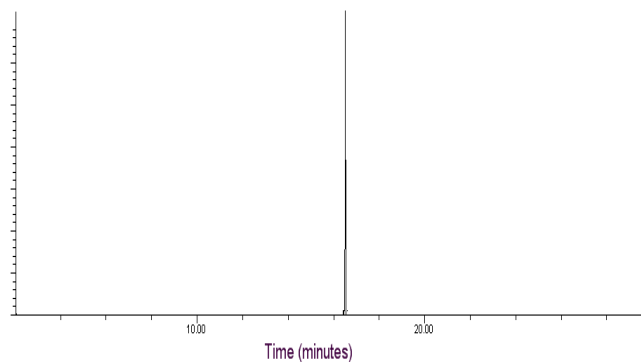
Column Supelco SPB-1 (Catalog Number 24162)

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 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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