

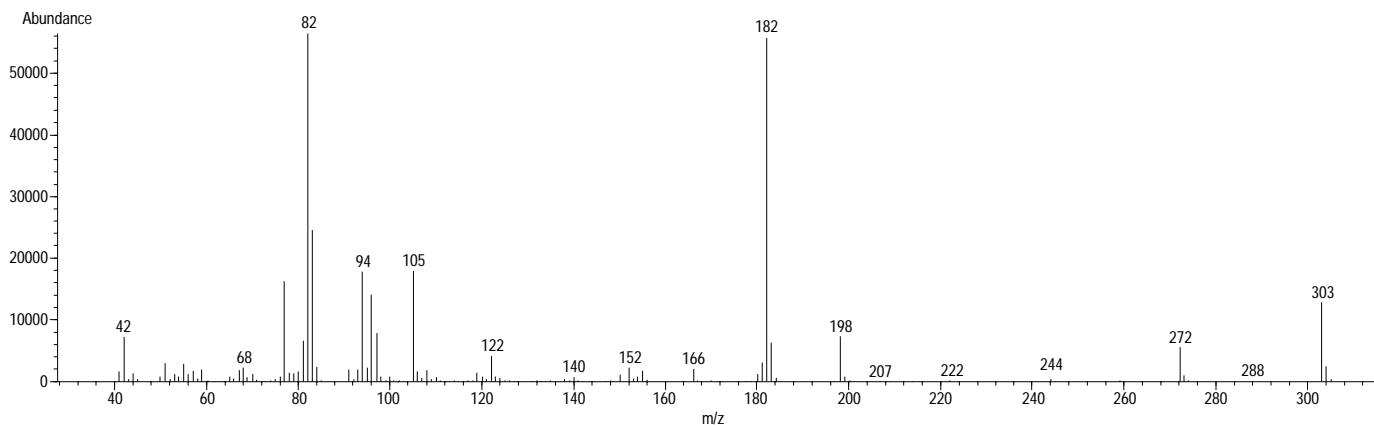
## Product Information

### COCAINE HYDROCHLORIDE

Methanol Solution

<b>Product Number</b>	C 1528	<b>Synonyms</b>	3-(Benzoyloxy)-8-azabicyclo-[3.2.1]octane-2-carboxylic acid methyl ester hydrochloride; l-Cocaine hydrochloride; Ecgonine methyl ester bezoate hydrochloride; Benzoylmethylecgonine hydrochloride
<b>Lot Number</b>	41K8800	<b>Stability</b>	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 24 months. After opening, concentration may change due to loss of solvent.
<b>CAS Number</b>	[53-21-4]	<b>Expiration Date</b>	December 2003
<b>Concentration</b>	1.15 mg Cocaine Hydrochloride (equivalent to 1.03 mg free base) /mL GC grade methanol (conc. verified by UV)	<b>Storage</b>	2-8°C; After opening, transfer contents to small vial provided for your convenience.
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>21</sub> NO <sub>4</sub> • HCl		
<b>Molecular Weight</b>	339.8		
<b>DEA Class</b>	Exempt preparation of Class II		

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

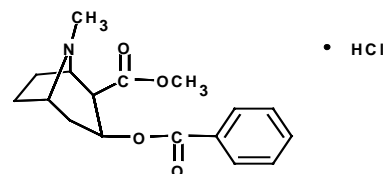
Wavenumbers (cm<sup>-1</sup>)

Mattson Galaxy 3020 FT-IR



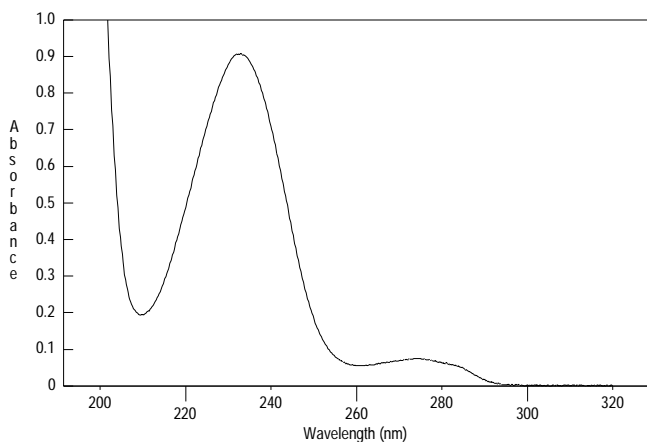
# COCAINE HYDROCHLORIDE

Methanol Solution  
Product Number C 1528  
Lot Number 41K8800



## Ultraviolet Spectrum

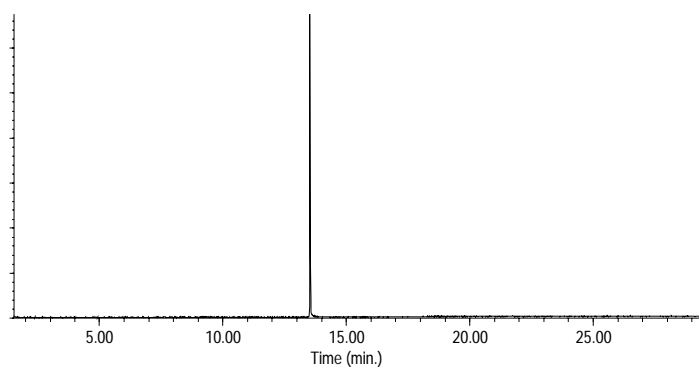
**Peak** 233.0 nm  
**Absorbance** 0.907  
**Solvent** 0.2 N H<sub>2</sub>SO<sub>4</sub>  
**Dilution** 1 : 49 (v/v)



Kontron Uvikon 940

## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 2-4162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ 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

C 1528/41K8800/04/13/01

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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