



**SIGMA-ALDRICH**

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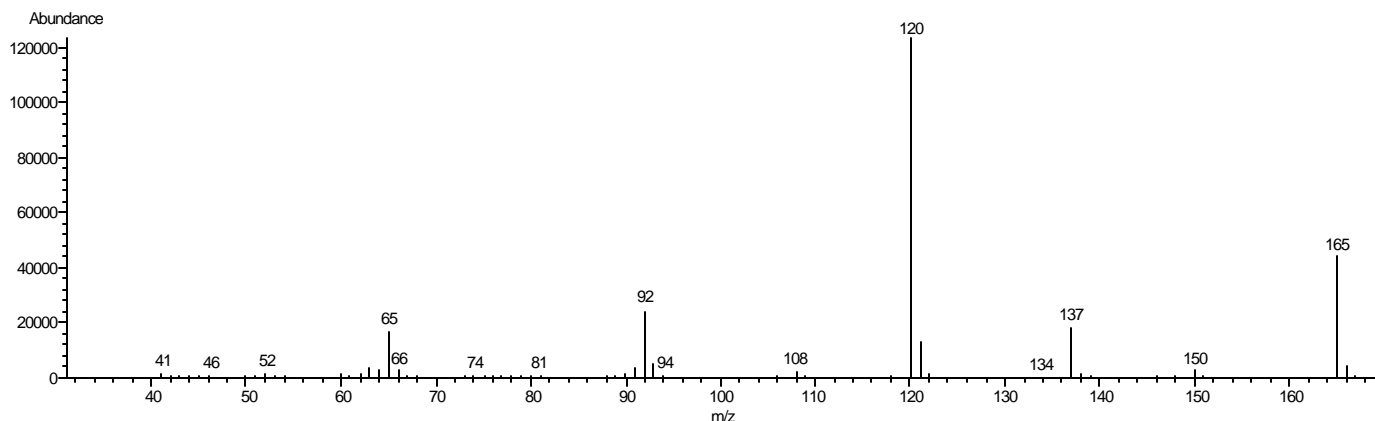
## Product Information

### BENZOCAINE

Methanol Solution

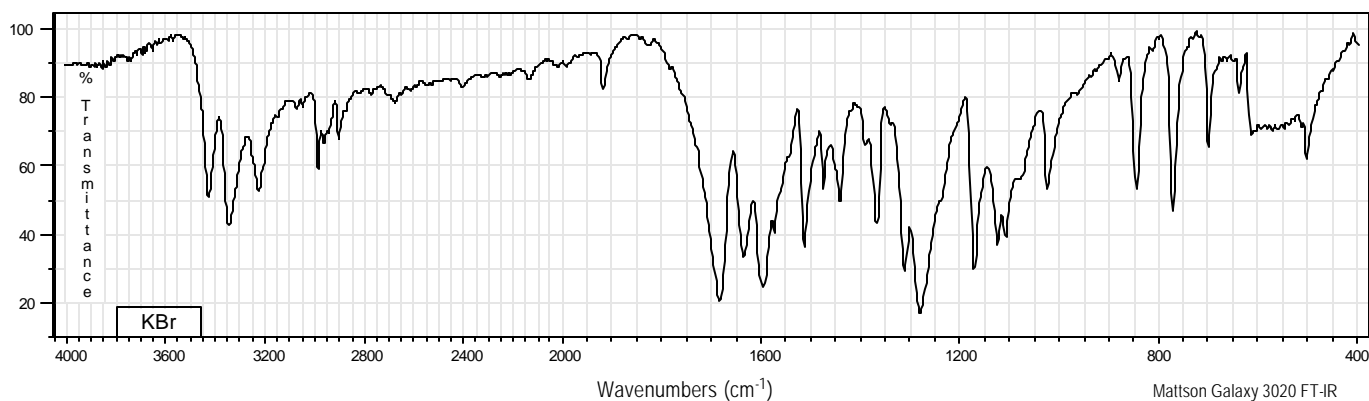
<b>Product Number</b>	B 7150	<b>Synonyms</b>	Ethyl p-aminobenzoate; 4-Aminobenzoic acid ethyl ester
<b>Lot Number</b>	61K8804	<b>Stability</b>	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 36 months. After opening, concentration may change due to loss of solvent.
<b>CAS Number</b>	[94-09-7]	<b>Expiration Date</b>	March 2005
<b>Concentration</b>	1.02 mg Benzocaine/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>9</sub> H <sub>11</sub> NO <sub>2</sub>		
<b>Molecular Weight</b>	165.2		
<b>DEA Class</b>	Preparation of a non-controlled substance		

70 eV Electron Ionization Mass Spectrum



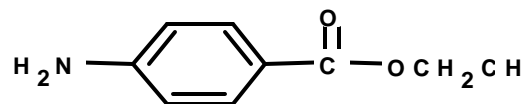
Hewlett-Packard 5890 Series II Gas Chromatograph  
Hewlett-Packard 5971 Mass Selective Detector  
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR



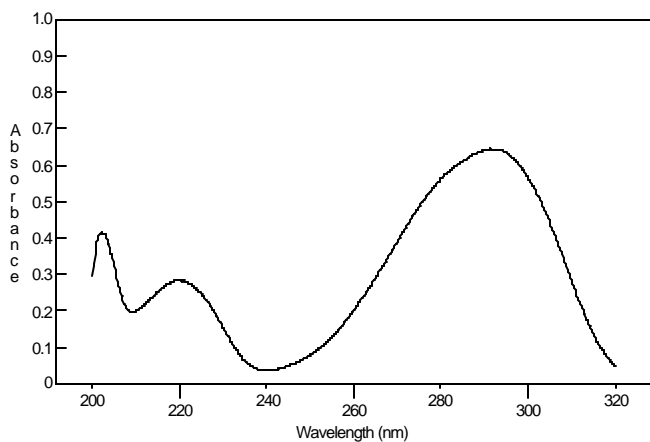
# BENZOCAINE

Methanol Solution  
Product Number B 7150  
Lot Number 61K8804



## Ultraviolet Spectrum

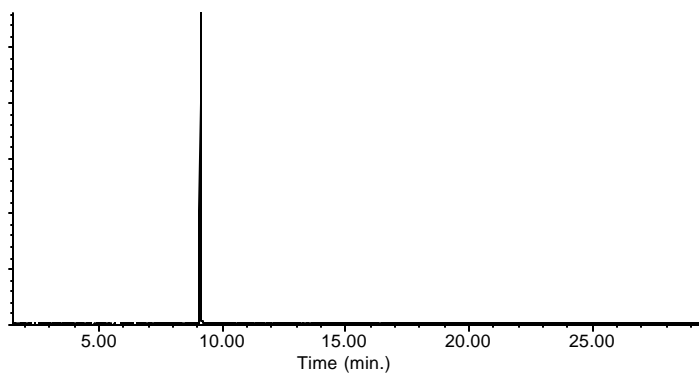
**Peak** 291.4 nm  
**Absorbance** 0.645  
**Solvent** Methanol  
**Dilution** 1 : 199 (v/v)



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

B 7150/61K8804/07/03/01

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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Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.