



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: 020503

Product Name: **BERGAPTEN**
(5-Methoxypsoralen; 5-MOP)

CAS Number: [484-20-8]

Lot Number: 0603025

Chemical Formula: C₁₂H₈O₄

Molecular Weight: 216.19

Melting Point: 189-190°C

Appearance: White fluffy powder

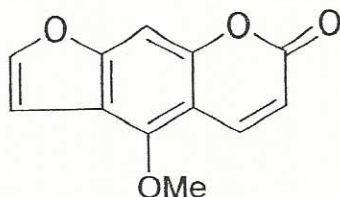
Solubility: Soluble in Chloroform

NMR Spectrum: Enclosed

IR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99+%





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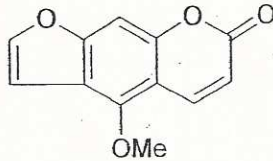
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HPLC ANALYSIS



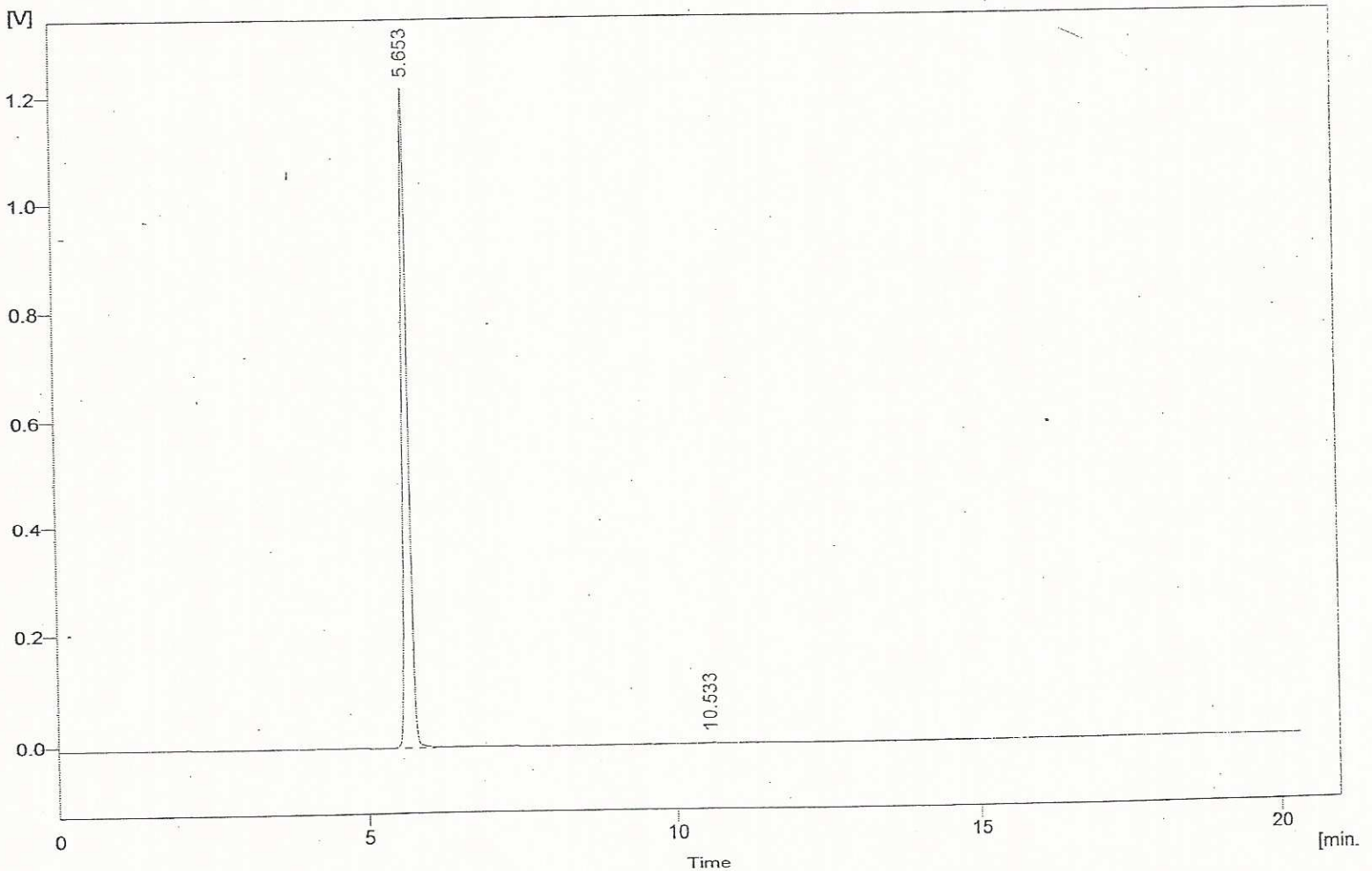
Catalog No.: 020503
Product name: Bergapten
Lot No.: 0603025

MOBILE PHASE : WATER + ACETONITRILE(30:70), COLUMN : C₁₈(250cmx4.6mm),
WAVE LENGTH :254 nm, FLOW RATE 1.0ml/min

Sample Info:

Sample ID : NP-020
Sample : BERGAPTEN
Inj. Volume [ml] : 0

Amount : 0
ISTD Amount : 0.0
Dilution : 1



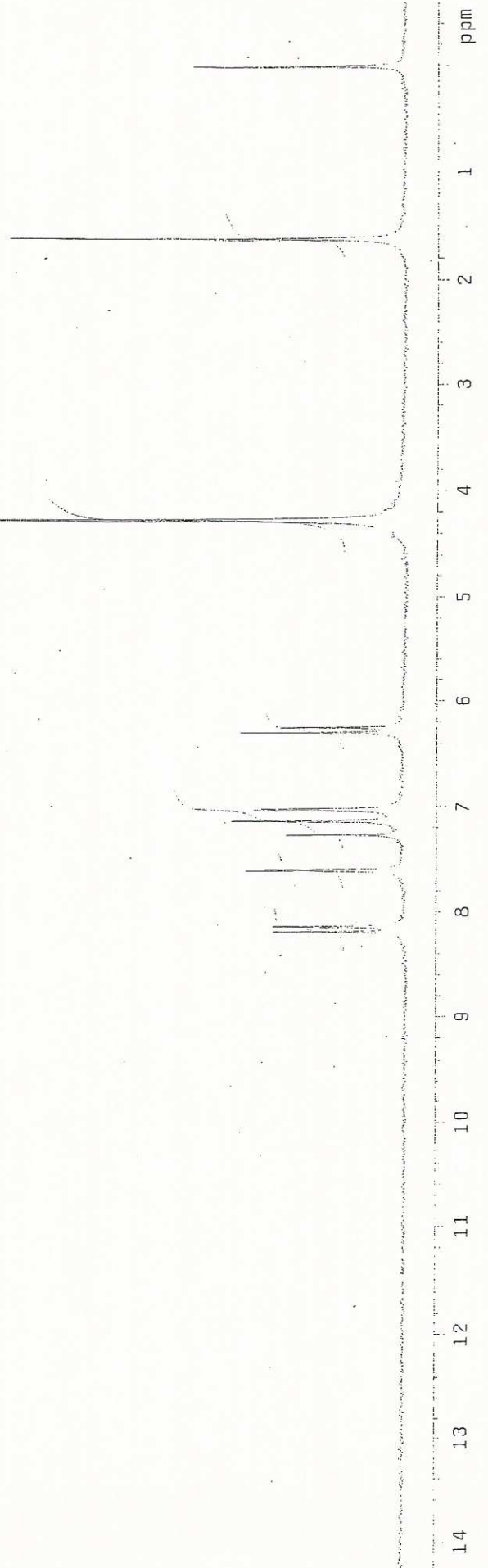
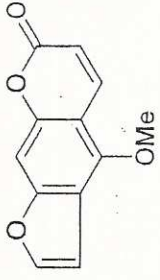
Result Table (Uncal - E:\HPLC\NP-30201)

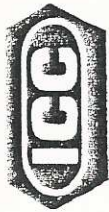
	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	5.653	7741.197	1222.678	99.9
2	10.533	6.529	0.550	0.1
	Total	7747.727	1223.229	100.0



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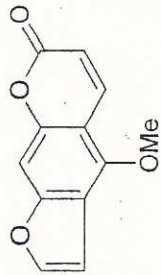
Catalog No.: 020503
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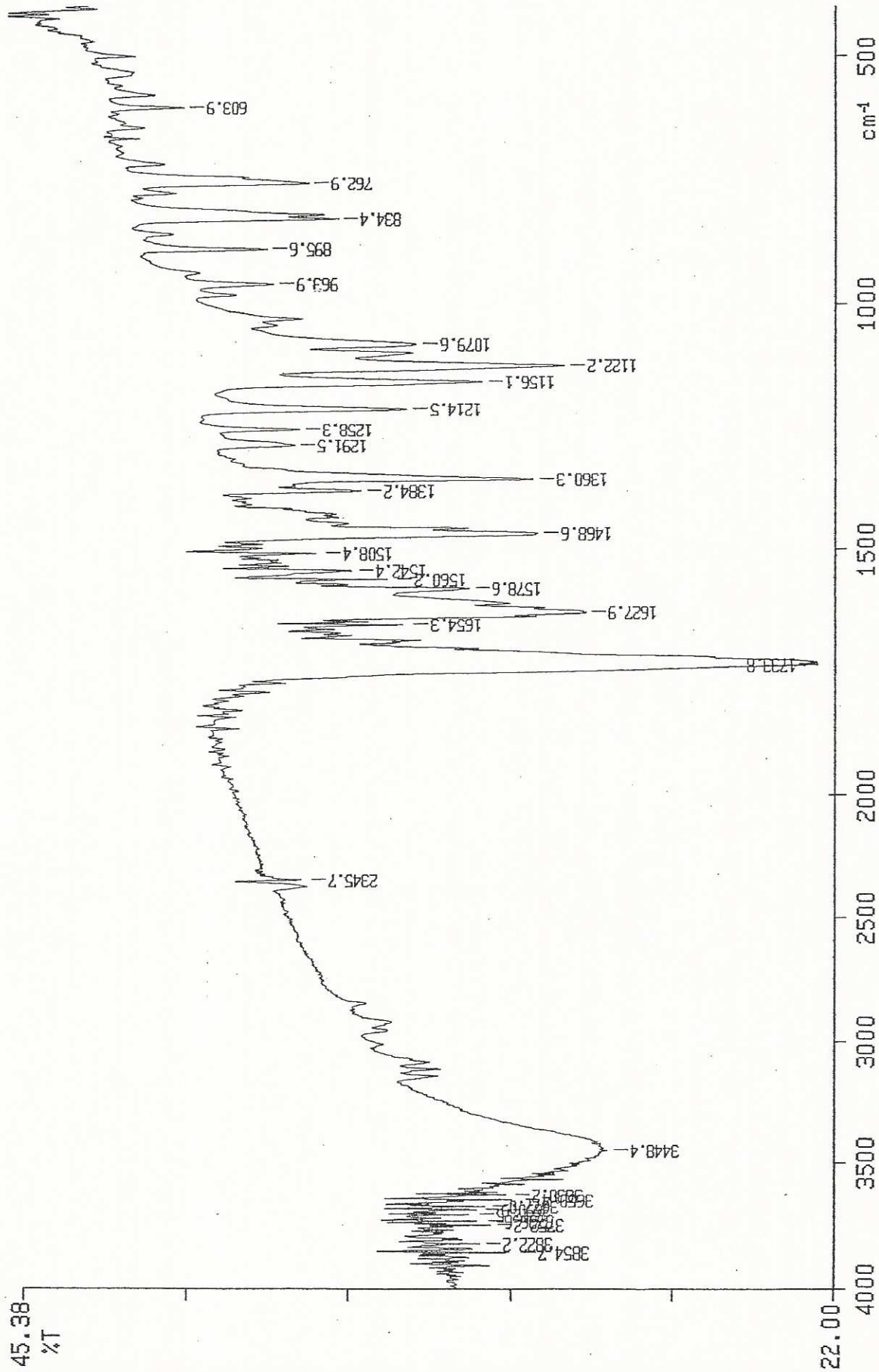


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PERKIN ELMER



X: 1 scan, 4.0cm-1