



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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 19-230

Product Name: **BERGAPTOL**
(4-Hydroxybergapten; 5-Hydroxypsoralen)

CAS Number: [486-60-2]

Lot Number: 0808050

Chemical Formula: C₁₁H₆O₄

Molecular Weight: 202.17

Melting Point: 284-286°C

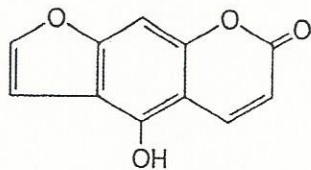
Appearance: Yellow powder

Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1) single compound)

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 98.05%





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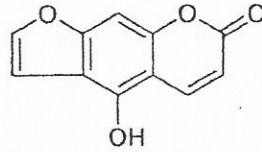
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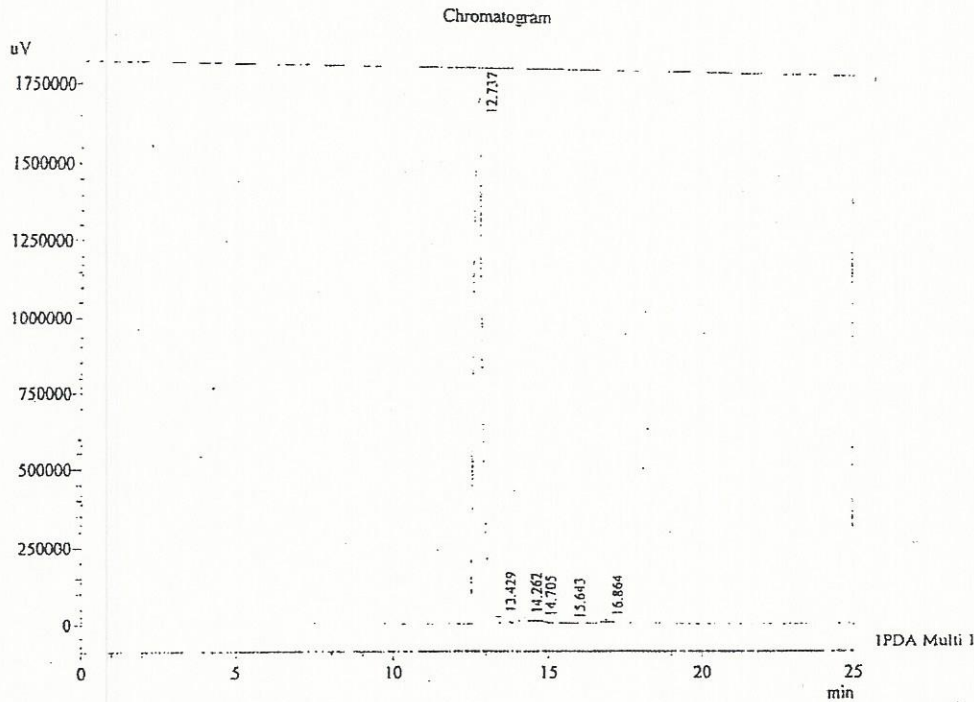
e-mail: chemical@indofinechemical.com

Acquire: by : Ramana
Sample Name : Bergaptol
Sample : Blended
Injection Volume : 20 uL
Data Filename : 200708B.tcd
Method Name : Linear Gradient.M.lcm



19-230
Bergaptol
Lot no.: 0808050

Description:
Column : Inertsil C-18. 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05%TFA) : B(ACN)
00.00 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	12.737	32555346	1726711	98.056
2	13.429	259321	20766	0.781
3	14.262	221859	11189	0.668
4	14.705	51020	3032	0.154
5	15.643	19689	1153	0.059
6	16.864	93651	6309	0.282
Total		33200886	1769160	100.000



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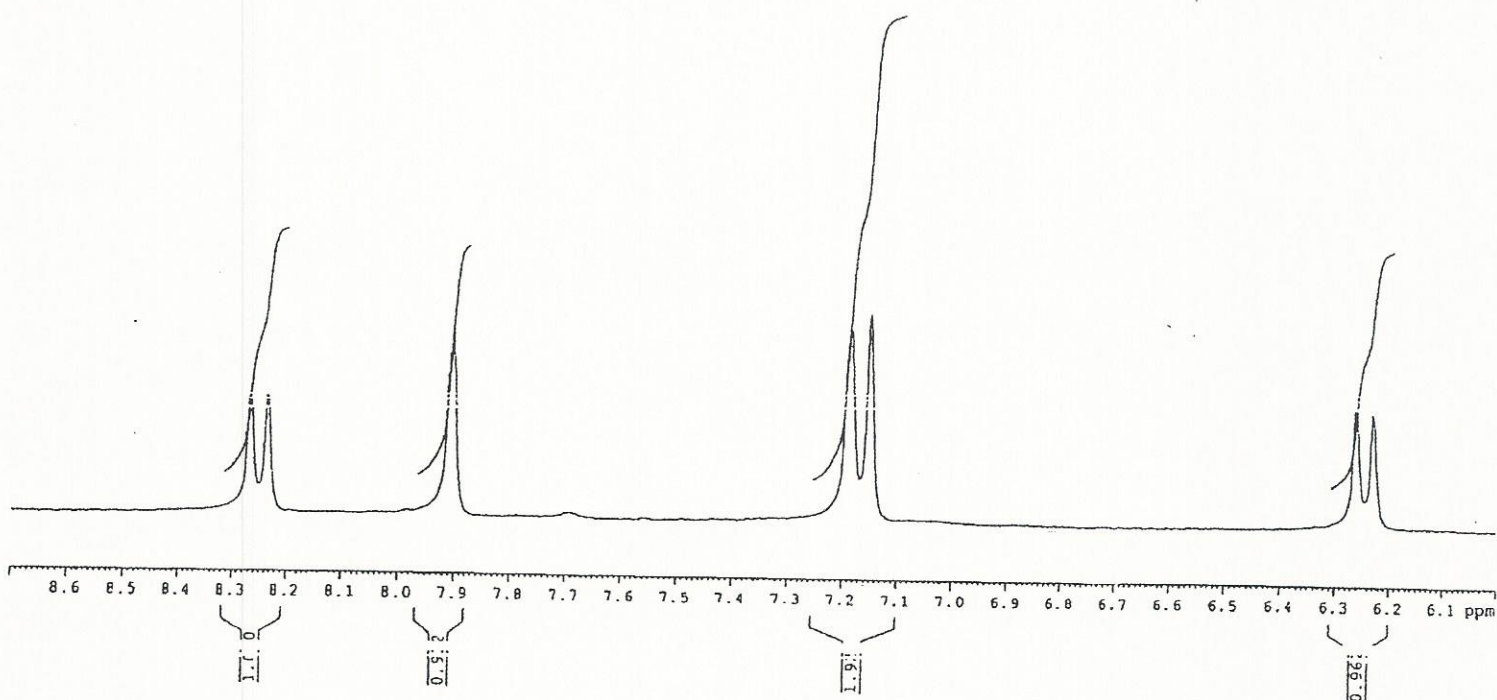
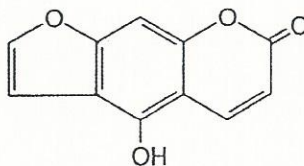
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19-230

Bargaptol

Lot No.: 0808050





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19-230
Bergaptol
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