

ICC **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

Cat No.: 19-230

Product: **BERGAPTOL**

CAS Number: [486-60-2]

Lot Number: 1206224

Molecular Formula: C₁₁H₆O₄

Molecular Weight: 202.17

Melting Point: 277-279°C

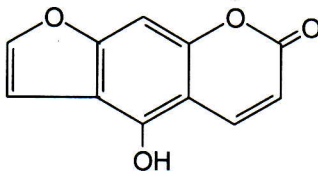
Appearance: Pale yellow powder

Solubility: Soluble in DMSO

TLC: Hexane:Ethyl acetate (1:1)

Moisture(KF): 0.50%

Purity(HPLC): 98.4%





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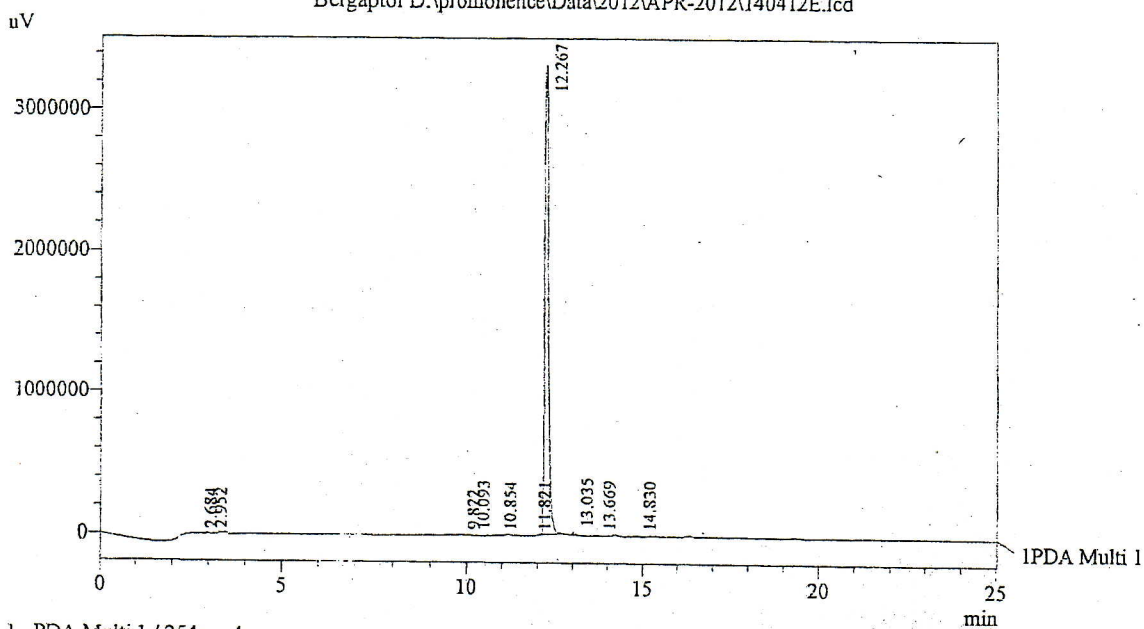
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : Bergaptol
 Sample ID : 10 gms Lot
 Injection Volume : 20 uL
 Data Filename : 140412E.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-230
 Product name: Bergaptol
 Lot No.: 1206224

Date Acquired : 4/14/2012 12:24:03 PM
 Date Processed : 4/14/2012 12:59:31 PM
 Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
 0.01 90 10
 12.0 10 90
 20.0 10 90
 23.0 90 10
 25.0 90 10

Chromatogram
 Bergaptol D:\promonence\Data\2012\APR-2012\140412E.lcd



1 IPDA Multi 1 / 254nm 4nm

PeakTable

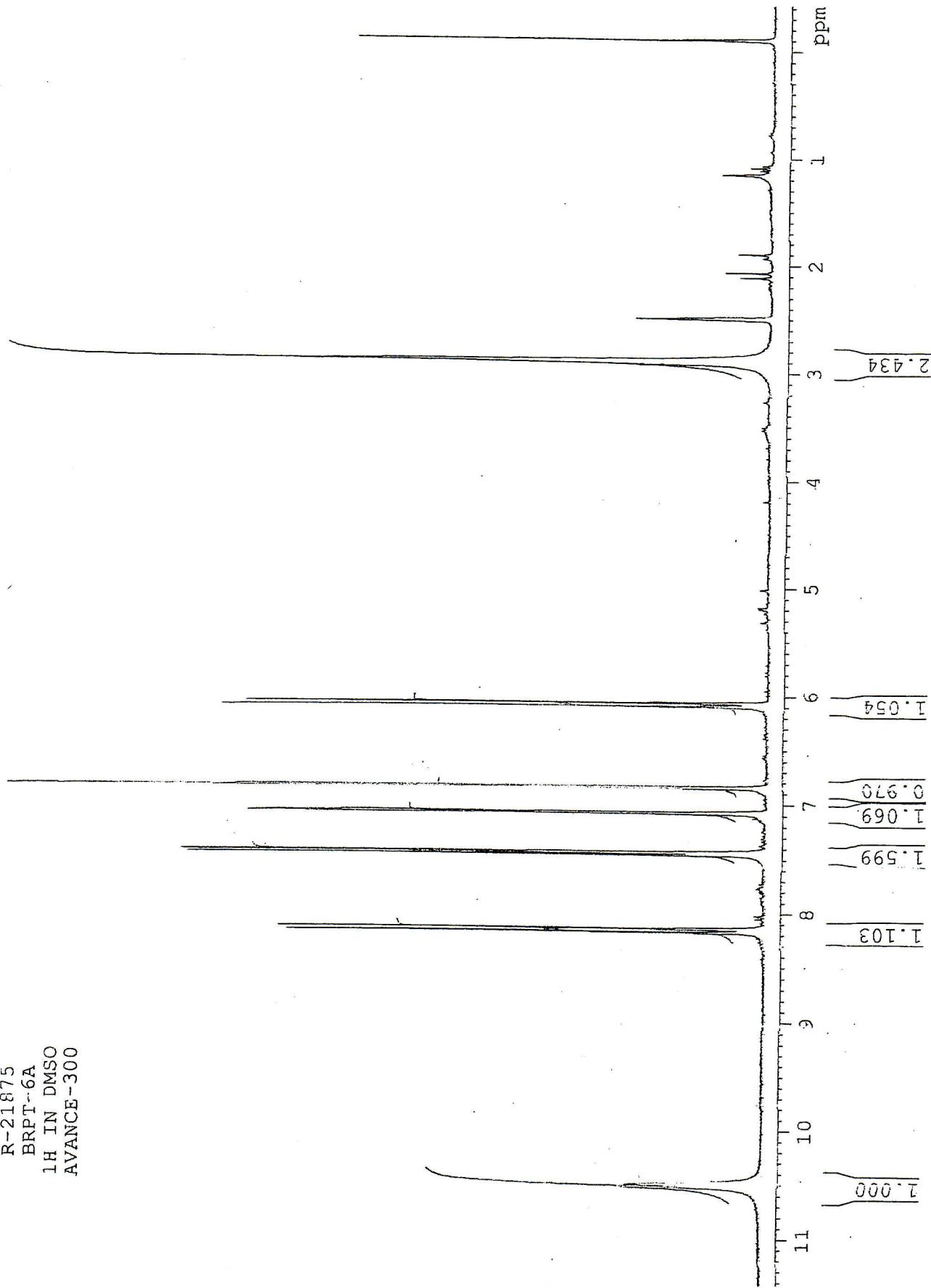
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.684	2.684	12047	0.04	0.22
2	RT:2.952	2.952	32797	0.12	0.24
3	RT:9.822	9.822	63944	0.24	0.80
4	RT:10.093	10.093	44108	0.16	0.82
5	RT:10.854	10.854	17569	0.07	0.88
6	RT:11.821	11.821	22794	0.08	0.96
7	Bergaptol	12.267	26425335	98.41	1.00
8	RT:13.035	13.035	130916	0.49	1.06
9	RT:13.669	13.669	51605	0.19	1.11
10	RT:14.830	14.830	52154	0.19	1.21
Total			26853267	100.00	



INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 19-230
Product name: Bergapto
Lot No.: 1206224

R-21875
BRPT-6A
1H IN DMSO
AVANCE-300





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