



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: **021294**

Product Name: **3,4-DIMETHOXYCHALCONE**

CAS Number: **[5416-71-7]**

Lot Number: **08118**

Chemical Formula: **C₁₇H₁₆O₃**

Molecular Weight: **268.32**

Melting Point: **86-89°C**

Appearance: **Pale yellow powder**

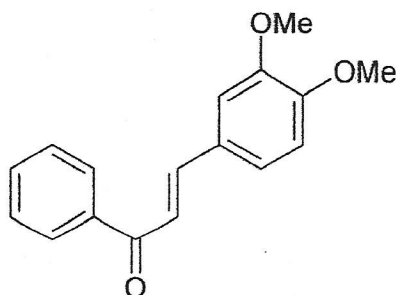
Solubility: **Soluble in Chloroform**

TLC: **Hexane:Ethyl acetate (7:3)**

NMR Spectrum: **Enclosed (Conforms to the structure)**

Storage: **Store in a cool, dry place**

Purity(HPLC): **99.07%**





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

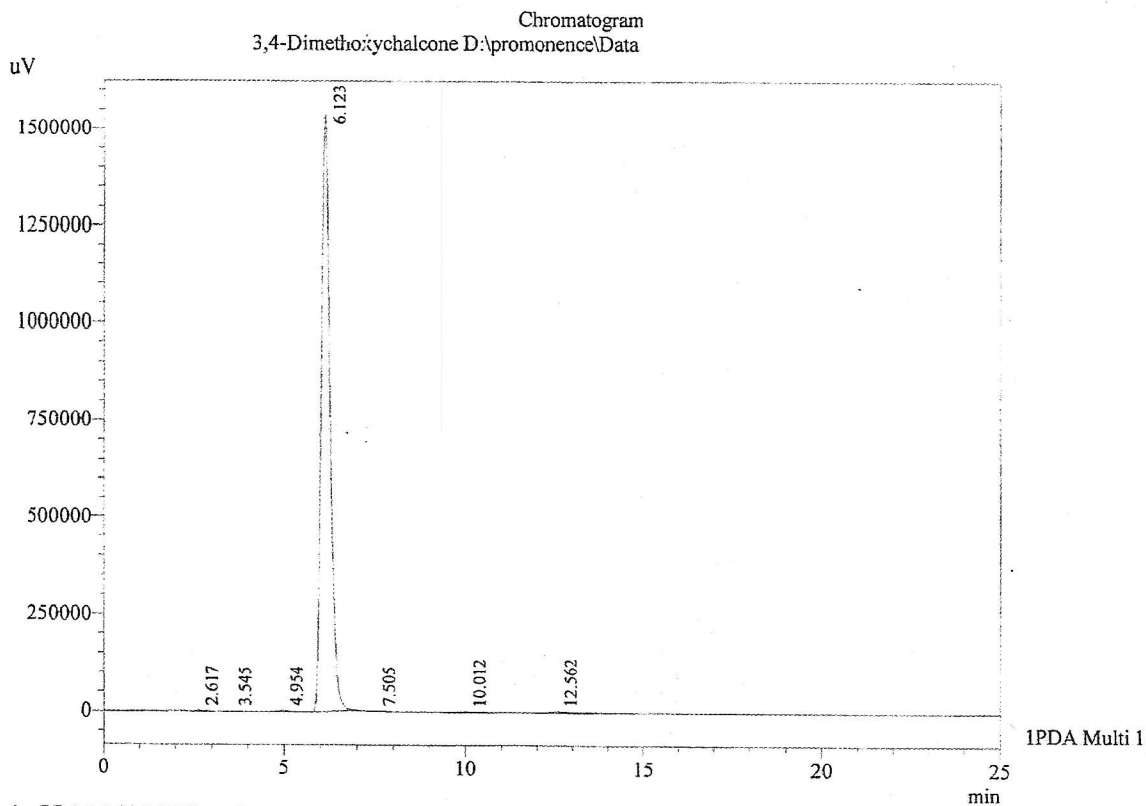
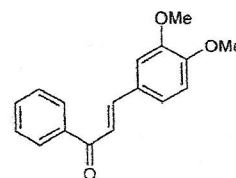
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 3,4-Dimethoxychalcone
Sample ID : Lot No: 08118
Injection Volume : 20 uL
Data Filename : 100314R.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 021294
Product Name: 3,4-Dimethoxychalcone
Lot No.: 08118

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(30% of Water) B(70% of Acetonitrile)
Diluent : Acetonitrile



PDA Ch1 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.617	2.617	19012	0.07	0.43
2	RT:3.545	3.545	3968	0.02	0.58
3	RT:4.954	4.954	47736	0.19	0.81
4	3,4-Dimethoxychalcone	6.123	25498513	99.07	1.00
5	RT:7.505	7.505	16456	0.06	1.23
6	RT:10.012	10.012	25450	0.10	1.64
7	RT:12.562	12.562	125561	0.49	2.05
Total			25736696	100.00	



INDOFINE Chemical Company, Inc.

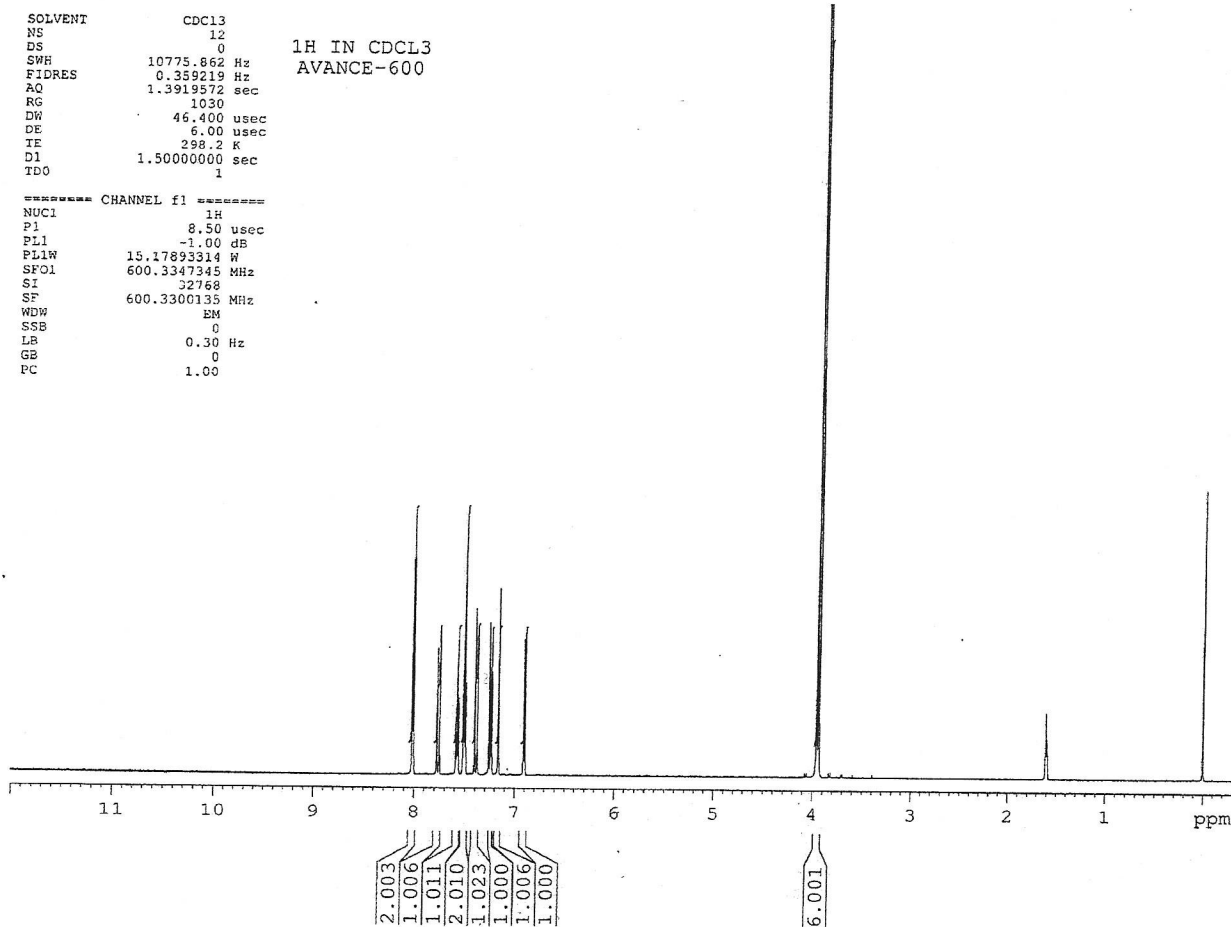
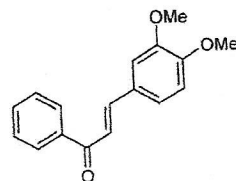
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog No.: 021294
Product Name: 3,4-Dimethoxychalcone
Lot No.: 08118





INDOFINE Chemical Company, Inc.

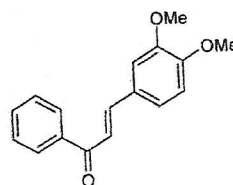
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog No.: 021294
Product Name: 3,4-Dimethoxychalcone
Lot No.: 08118



SOLVENT CDC13
NS 12
DS 0
SWH 10775.862 Hz
FIDRES 0.359219 Hz
AQ 1.3919572 sec
RG 1030
DW 46.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 8.50 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SF01 600.3347345 MHz
SI 32768
SF 600.3300135 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

