



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: D-421

Product Name: 3,2'-DIMETHOXYFLAVONE

Lot Number: 93012

Chemical Formula: C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>

Molecular Weight: 282.30

Melting Point: 145-146°C

Appearance: White crystalline powder

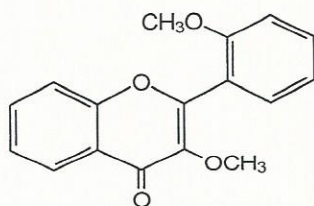
Solubility: Soluble in Chloroform

TLC: n-Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (confirms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 98.92%





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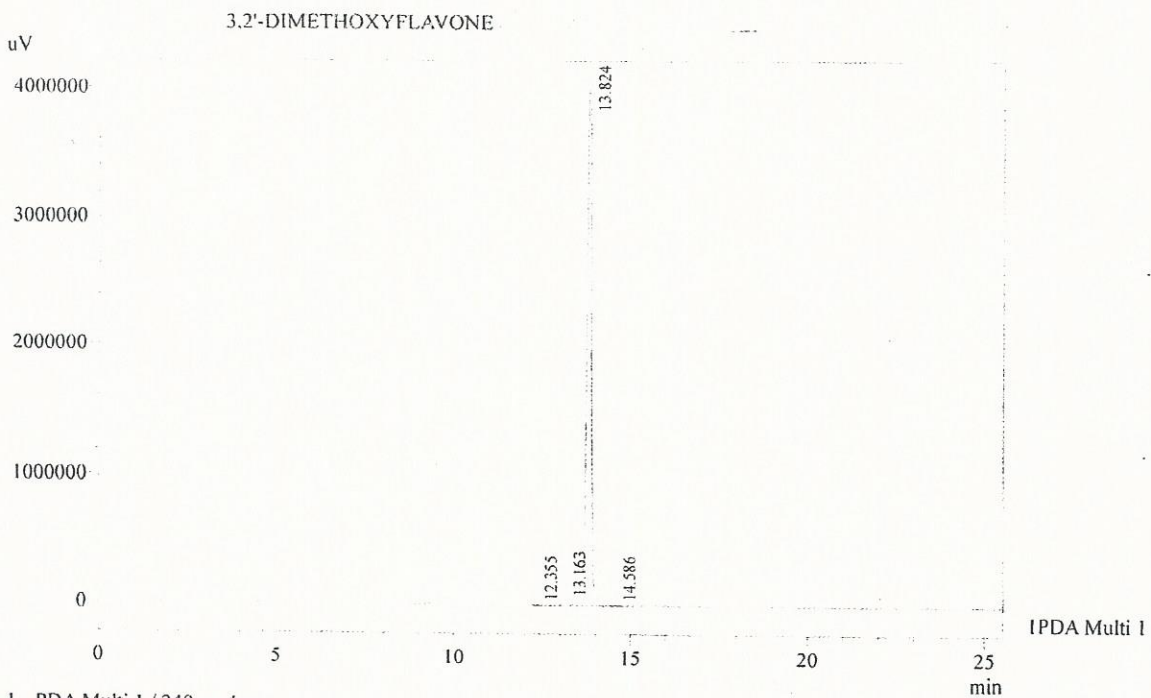
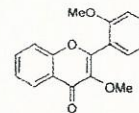
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## HPLC ANALYSIS

Acquired by : Admin  
 Sample Name : 3,2'-DIMETHOXYFLAVONE  
 Sample ID : Lot No:93012  
 Injection Volume : 1 uL  
 Data Filename : 060916B.lcd  
 Method Filename : Linear Gradient.M.lcm  
 Report Filename : Default.lcr

Catalog No.: D-421  
 Product Name: 3,2'-Dimethoxyflavone  
 Lot No.: 93012



1 PDA Multi 1 / 240nm 4nm

PeakTable

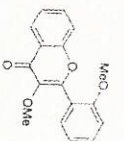
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.371	12.355	21763	0.06	0.00
2	RT:13.162	13.163	375133	0.98	0.00
3	RT:13.817	13.824	37831990	98.92	0.00
4	RT:14.560	14.586	17334	0.05	0.00
Total			38246219	100.00	



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 Lot No.: 93012

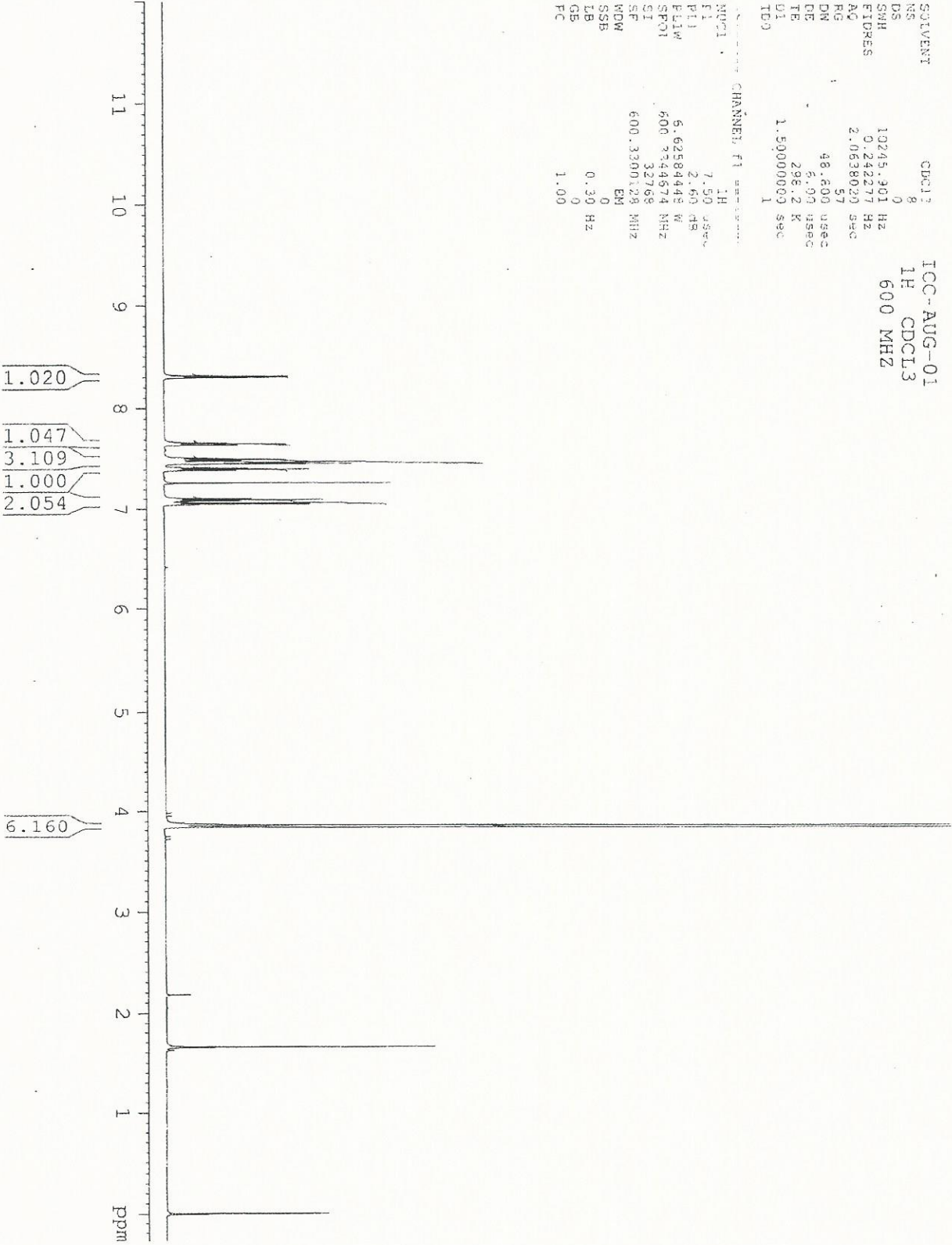


ICG-AUG-01  
 1H CDCl3  
 600 MHZ

SOLVENT CDCl3  
 NS 8  
 DS 0  
 SWH 10245.901 HZ  
 FIDRES 0.242277 HZ  
 AQ 2.0638020 SEC  
 RG 57  
 DW 48.600 USEC  
 DE 6.00 USEC  
 TE 298.2 K  
 D1 1.50000000 SEC  
 TD0 1

CHANNEL F1

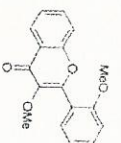
NUC1 1H  
 F1 7.50 USEC  
 P1 2.68 DB  
 E1J1W 5.62584448 W  
 SFO1 600.7344674 MHZ  
 SI 32768  
 SF 600.3300128 MHZ  
 WDW EM  
 SSB 0  
 LB 0.30 HZ  
 GB 0  
 PC 1.00





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SOLVENT CDCl<sub>3</sub>  
 NS 0  
 DS 0  
 SMH 10245.901 Hz  
 FIDRES 0.242277 Hz  
 AQ 2.0638020 sec  
 RG 57  
 DM 48.800 usec  
 DE 6.00 usec  
 TE 298.2 K  
 D1 1.50000000 sec  
 TD0 1

ICG-AUG-01  
 1H CDCl<sub>3</sub>  
 600 MHz

\*\*\*\*\* CHANNEL F1 \*\*\*\*\*  
 NUCL1 1H  
 P1 7.50 usec  
 F11 2.60 dB  
 P111 5.62584448 W  
 SFO1 600.3341674 MHz  
 S1 32768  
 SF 600.3300128 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00

