



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

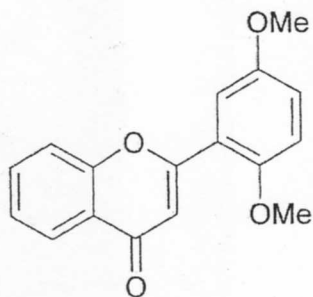
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 19-833

<u>Product:</u>	2',5'-DIMETHOXYFLAVONE
<u>CAS No.:</u>	[74670-10-3]
<u>Lot No.:</u>	0411274
<u>Molecular Formula:</u>	C ₁₇ H ₁₄ O ₄
<u>Molecular Weight:</u>	282.30
<u>Melting Point:</u>	108.5-112°C
<u>Appearance:</u>	Yellow powder
<u>TLC:</u>	Chloroform:methanol (9:1)
<u>Solubility:</u>	Soluble in chloroform
<u>Purity(HPLC):</u>	97.77%





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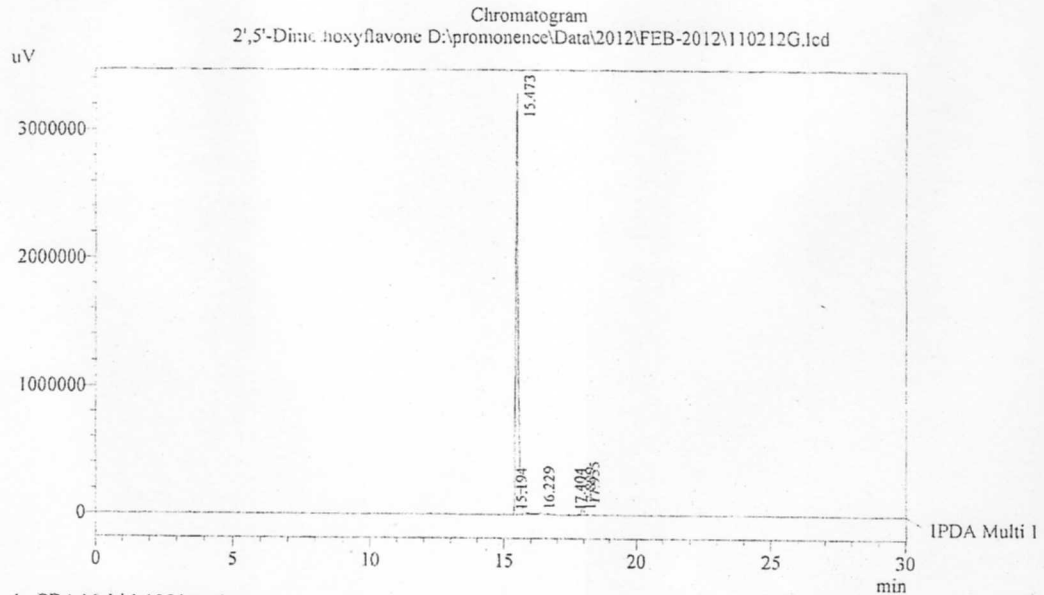
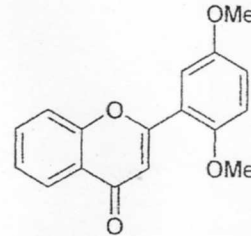
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2',5'-Dimethoxyflavone
Sample ID : Lot No:-0411274
Injection Volume : 20 uL
Data Filename : 110212G.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-833
Product name: 2'-5'-Dimethoxyflavone
Lot No.: 0411274

Date Acquired : 2/11/2012 4:18:19 PM
Data Processed : 2/11/2012 4:56:32 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
25.0 10 90
28.0 90 10
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

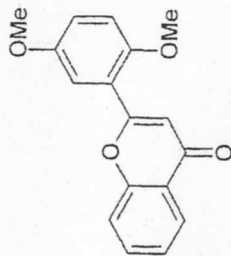
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.194	15.194	4149	0.02	0.98
2	RT:15.473	15.473	21301718	97.77	1.00
3	RT:16.229	16.229	7080	0.03	1.05
4	RT:17.404	17.404	7154	0.03	1.12
5	RT:17.809	17.809	38328	0.18	1.15
6	RT:17.955	17.955	429753	1.97	1.16
Total			21788182	100.00	



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Lot No.: 0411274

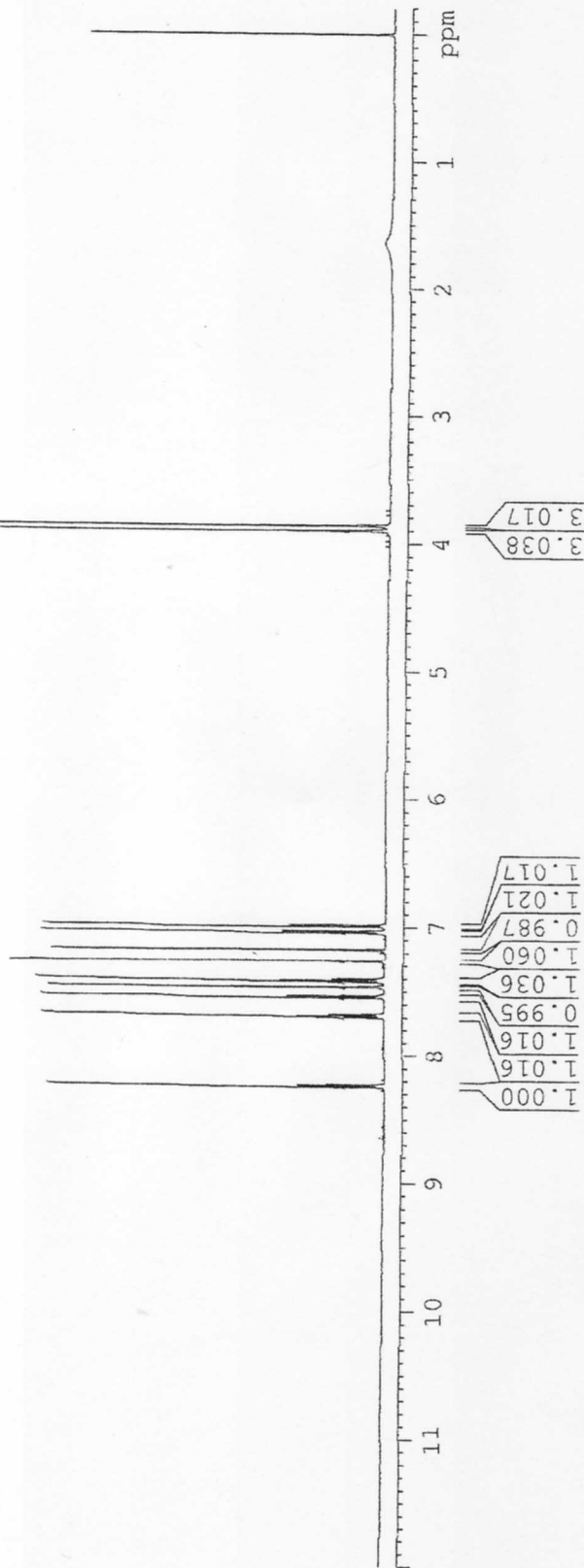


ICC-04
1H IN CDCL3
AVANCE-600
28-2-12

SOVENT CDCL3
NS 24
DS 0
SWH 11029.412 Hz
FIDRES 0.382381 Hz
AQ 1.3076447 sec
RG 1320
DW 45.333 usec
DE 6.00 usec
TE 293.2 K
D1 1.50000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PL1W 15.1789314 W
SFO1 600.3340821 MHz

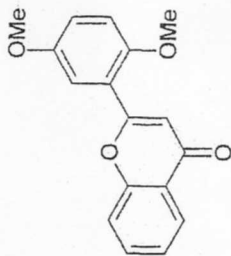
F2 - Processing parameters
SI 32768
SF 600.3300133 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 19-833
Product name: 2'-5'-Dimethoxyflavone
Lot No.: 0411274



ICC-04
1H IN CDCL3
AVANCE-600
28-2-12

SOLVENT CDCL3
NS 24
DS 0
SWH 11029.412 Hz
FIDRES 0.382381 Hz
AQ 1.307547 sec
RG 1820
DW 45.333 usec
DE 5.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1



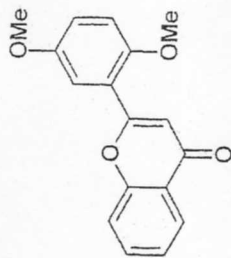
===== CHANNEL f1 =====
NUC1 1H
P1 9.30 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SFO1 600.3343821 MHz
F2 - Processing parameters
SI 32768
SF 600.3300133 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

7.25 7.20 7.15 7.10 7.05 7.00 ppm



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ICC-04
1H IN CDCL3
AVANCE-600
28-2-12

SOLVENT CDCL3
NS 24
DS 0
SNH 11029.412 Hz
FIDRES 0.382381 Hz
AQ 1.3075447 sec
RG 1820
DA 45.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SF01 600.3340821 MHz

F2 - Processing parameters
SI 32768
SF 600.3303133 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00

