



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.: A-106

Product: 5,7,4'-TRIMETHOXYFLAVONE

CAS Number: [5631-70-9]

Lot Number: 93024

Chemical Formula: C₁₈H₁₆O₅

Molecular Weight: 312.33

Appearance: Off white powder

Melting point: 157-159°C

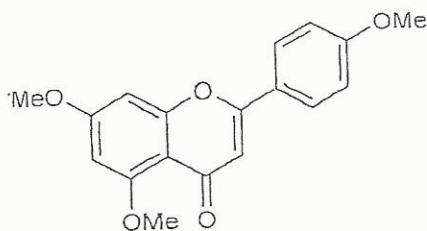
TLC: Chloroform:Methanol (9:1)

Solubility: Soluble in Chloroform

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.80%





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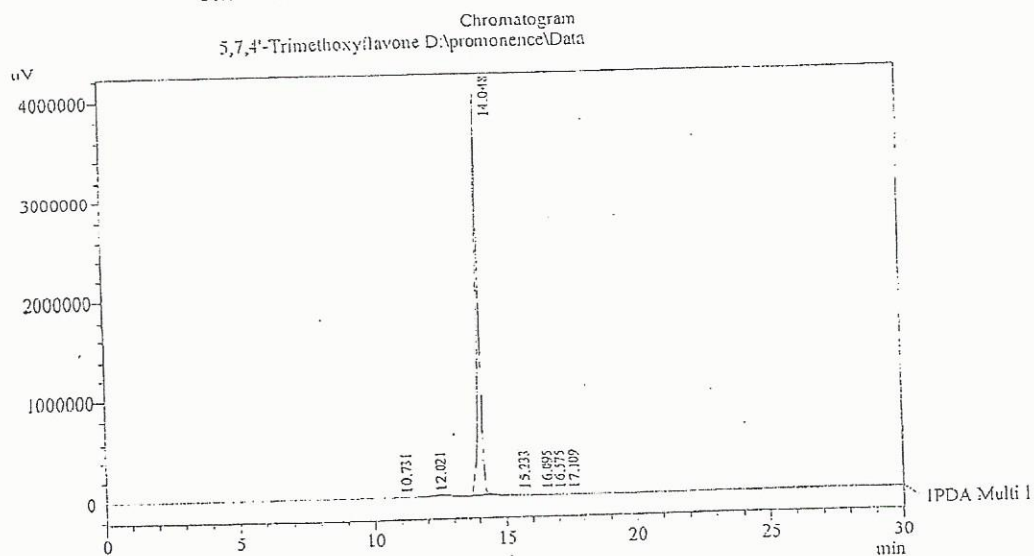
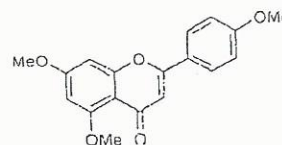
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 5,7,4'-Trimethoxyflavone
Sample ID : Lot No:-93024
Injection Volume : 20 uL
Data Filename : 251212H.Lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: A-106
Product name: 5,7,4'-Trimethoxyflavone
Lot No.: 93024

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
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

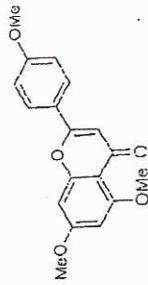
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.731	10.731	3887	0.01	0.76
2	RT:12.021	12.021	13780	0.05	0.86
3	5,7,4'-Trimethoxyflavone	14.048	30236713	99.80	1.00
4	RT:15.233	15.233	18756	0.06	1.08
5	RT:16.095	16.095	9113	0.03	1.13
6	RT:16.575	16.575	6427	0.02	1.18
7	RT:17.109	17.109	9507	0.03	1.22
Total			30318182	100.00	



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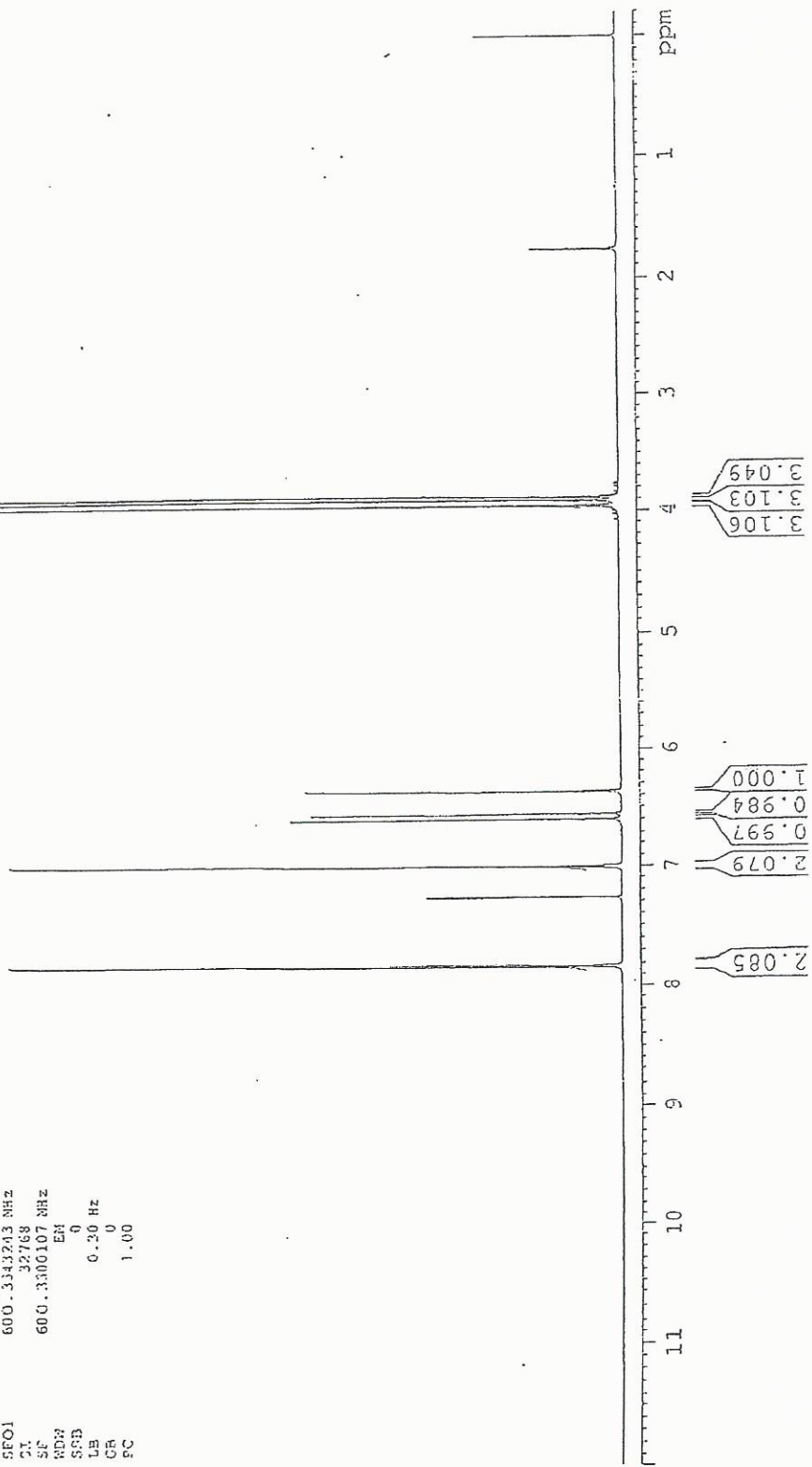
Catalog no.: A-106
Product name: 5,7,4'-Trimethoxyflavone
Lot No.: 93024



SOLVENT CDCl3
NS S
DS 0
SWH 9803.922 Hz
FIDRES 0.326019 Hz
AQ 1.5209480 sec
RG 20.2
DW 51.000 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 7.15 usec
PL1 2.60 dB
PL1W 6.6258448 W
SFO1 600.333203 MHz
CF 32768
SF 600.3300107 MHz
WDW EM
SSB 0
LB 0.20 Hz
GB 0
FC 1.00





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Catalog no.: A-106
Product name: 5,7,4'-Trimethoxyflavone
Lot No.: 93024

SOVENT CDCL3
RG 2
ES 0
SKH 9807.972 Hz
FIDRES 0.326819 Hz
AQ 1.5239460 sec
RG 20.2
UN 51.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

***** CHANNEL f1 *****
NUCL 1H
P1 7.15 usec
PL1 2.60 dB
PL1W 6.62584148 W
SF01 600.3343243 MHz
SI 37768
SF 600.3300107 MHz
WDW ER
SSP 0
LB 0
GB 0
PC 1.00

