



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: 22-346

Product Name: **3,7,3',4',5'-PENTAMETHOXYFLAVONE**

Lot Number: 0303023

Chemical Formula: C₂₀H₂₀O₇

Molecular Weight: 372.38

Melting Point: 148-149°C

Appearance: White crystals

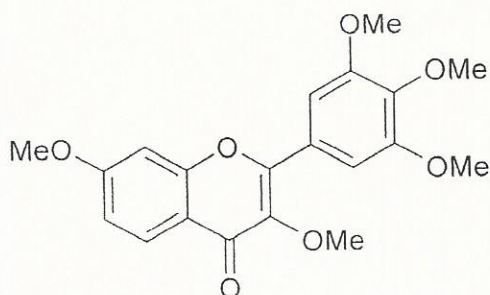
Solubility: Soluble in chloroform

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

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.40%





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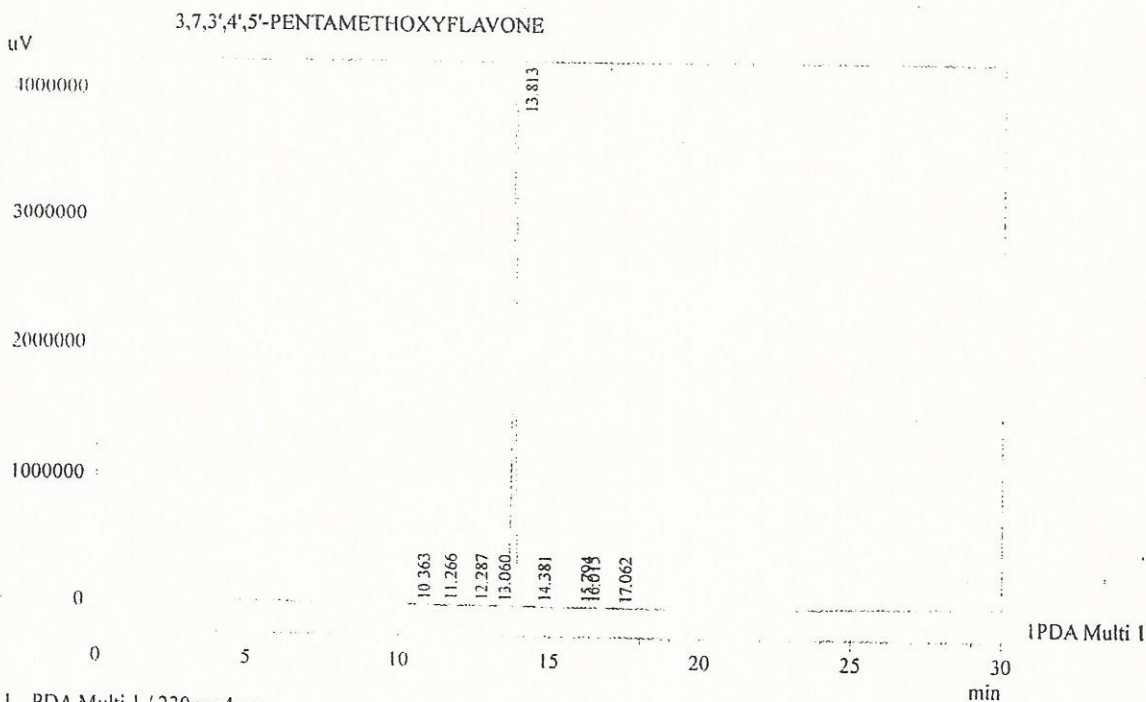
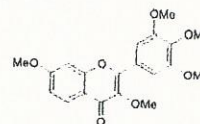
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
Sample Name : 3,7,3',4',5'-PENTAMETHOXYFLAVONE
Sample ID : Lot No 0303023
Injection Volume : 1 uL

Catalog No.: 22-346
Product Name: 3,7,3',4',5'-Pentamethoxyflavone
Lot No.: 0303023

Method Filename : Linear Gradient.M.lcm
Report Filename : Default.lcr



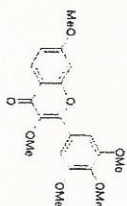
I PDA Multi I / 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.363	10.363	7066	0.02	0.00
2	RT:11.266	11.266	18723	0.05	0.00
3	RT:12.287	12.287	52047	0.15	0.00
4	RT:13.060	13.060	6573	0.02	0.00
5	RT:13.813	13.813	35163045	99.40	0.00
6	RT:14.381	14.381	23161	0.07	0.00
7	RT:15.794	15.794	40655	0.11	0.00
8	RT:16.015	16.015	29235	0.08	0.00
9	RT:17.062	17.062	34389	0.10	0.00
Total			35374895	100.00	



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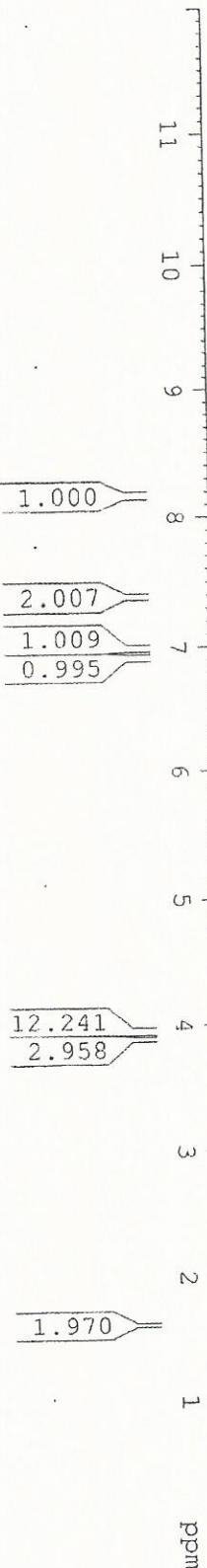
Catalog No.: 22-346
Product Name: 3,7,3',4',5'-Pentamethoxyflavone
Lot No.: 0303023



SOLVENT CDCl3
NS 8
DS 0
SMH 10245.501 Hz
FIDRES 0.242277 Hz
AQ 2.0536020 sec
RG 57
DM 48.800 usec
DE 6.90 usec
TE 288.2 K
D1 1.50000900 sec
TD0 1

***** CHANNEL f1 *****
NUC1 1H
F1 7.50 usec
F1 2.50 dB
F1W 6.52584448 W
SFO1 600.3344674 MHz
SI 32768
SF 600.3300111 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

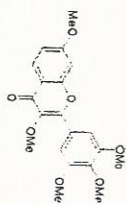
1H CDCl3
600 MHz





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 Product Name: 3,7,3',4',5'-Pentamethoxyflavone
 Lot No.: 0303023



SOLVENT CDCl3
 NS 8
 DS 0
 SMH 10245.991 Hz
 FIDRES 0.242277 Hz
 FQ 2.0635020 sec
 RG 57
 DW 48.800 usec
 DE 6.00 usec
 TE 298.2 K
 DI 1.50000000 sec
 ID0 1

***** CHANNEL F1 *****
 NUC1 1H
 EL 7.50 usec
 FL1 2.60 dB
 FL1W 6.62584448 W
 SF01 600.3344674 MHz
 SI 32768
 GF 600.3300111 MHz
 MFW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 FC 1.00

1H CDCl3
 600 MHz

