



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.: M-406

Product: **8-METHYLFLAVONE**

CAS No.: [70794-01-3]

Lot Number: 1212281

Chemical Formula: C₁₆H₁₂O₂

Molecular Weight: 236.27

Melting Point 165-166°C

Appearance: White color shining powder

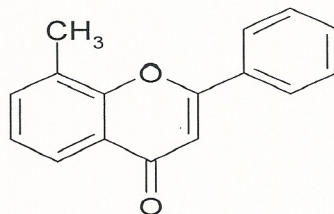
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC) : 99.76%





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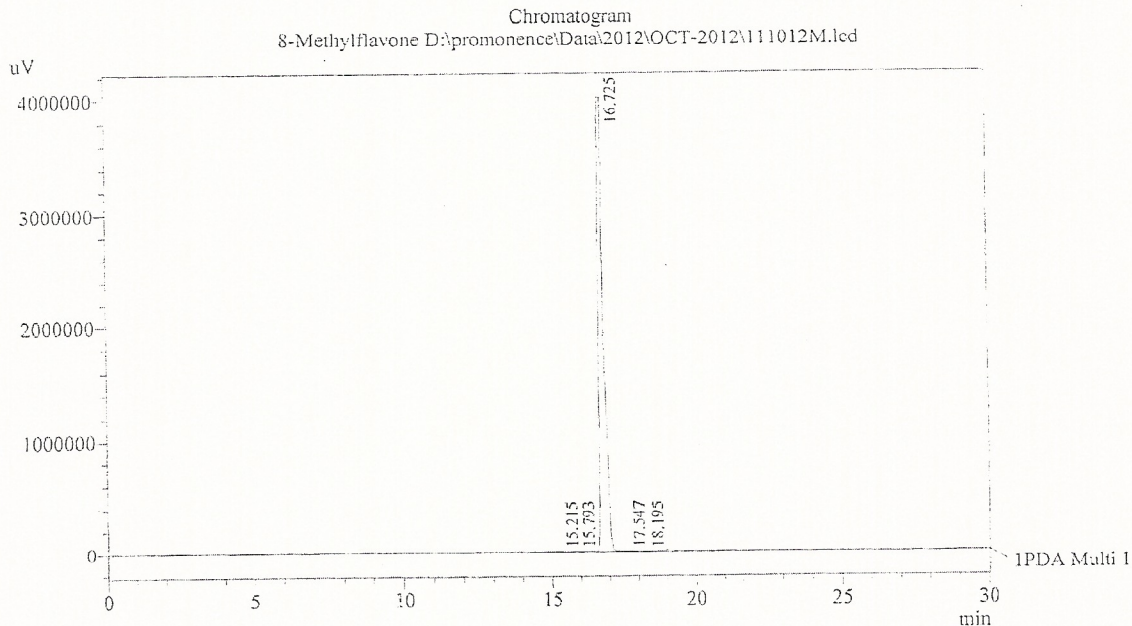
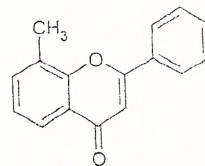
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 8-Methylflavone
Sample ID : 150gm Lot (Herbororganics)
Injection Volume : 20 uL
Data Filename : 111012M.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: M-406
Product name: 8-Methylflavone
Lot No.: 1212281

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

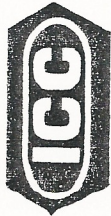


1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.215	15.215	57557	0.11	0.91
2	RT:15.793	15.793	50745	0.10	0.94
3	8-Methylflavone	16.725	50361818	99.76	1.00
4	RT:17.547	17.547	6250	0.01	1.05
5	RT:18.195	18.195	5306	0.01	1.09
Total			50481676	100.00	



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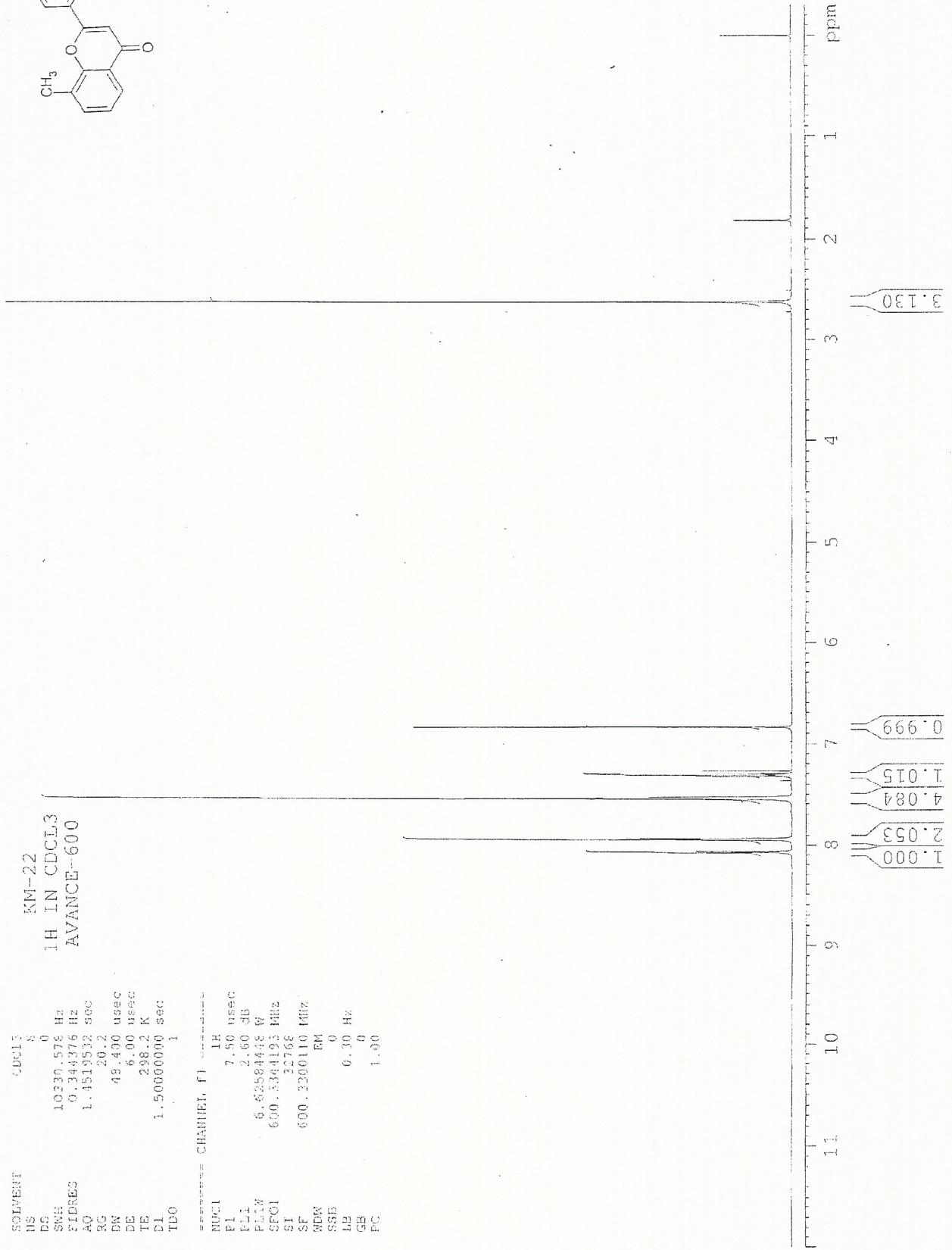
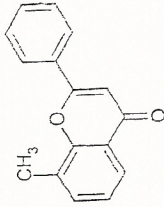
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog no.: M-406
Product name: 8-Methylflavone
Lot No.: 1212281

SOLVENT CDCL3
NS 8
DS 0
SWH 10330.578 Hz
FIDRES 0.344376 Hz
AQ 1.1519532 sec
RG 20.2
RG 49.400 usec
DE 6.00 usec
TE 298.2 K
DI 1.50000000 sec
TD0 1

KM-22
1H IN CDCL3
AVANCE-600

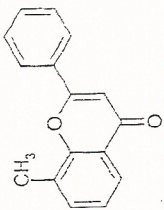
***** CHANNEL F1 *****
NUCL 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.52584448 W
SFO1 600.3364193 MHz
SI 32768
SF 600.3300110 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00





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Catalog no.: M-406
Product name: 8-Methylflavone
Lot No.: 1212281



SOLVENT CDCL3
US S 0
DS 0
SRH 10330.578 Hz
F1URES 0.344376 Hz
AQ 1.4513532 sec
RG 20.2
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
EI 1.50000000 sec
TD0 1

KM-22
1H IN CDCL3
AVANCE-600

***** CHANNEL f1 *****
NUC1 1H
PI 7.50 usec
PL1 2.60 dB
PL1W 6.6258444E W
SF01 600.3344193 MHz
SI 32768
SF 600.3300110 MHz
EM
SSE 0
LB 0.20 Hz
GB 0
PC 1.00

