



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

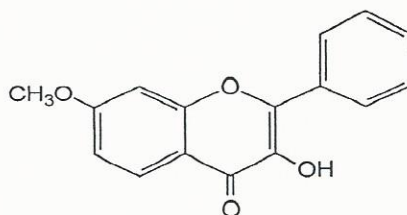
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: H-418

<u>Product:</u>	3-HYDROXY-7-METHOXYFLAVONE (7-Methoxyflavonol)
<u>Cas Number:</u>	[7478-60-6]
<u>Lot Number:</u>	98022
<u>Chemical Formula:</u>	C ₁₆ H ₁₂ O ₄
<u>Molecular Weight:</u>	268.27
<u>Melting Point:</u>	177-179°C
<u>Appearance:</u>	Light beige fluffy powder
<u>Solubility:</u>	Soluble in Chloroform
<u>TLC:</u>	Hexane: Ethyl acetate (7:3)
<u>NMR Spectrum</u>	Enclosed
<u>Storage:</u>	Store in cool, dry place
<u>Purity (HPLC):</u>	99.80%





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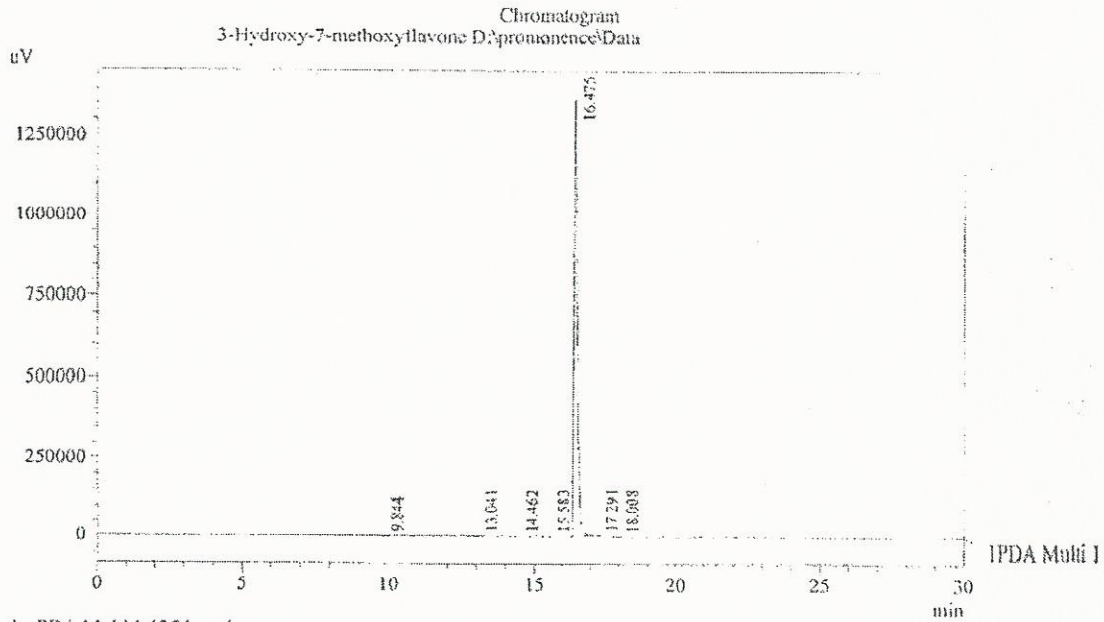
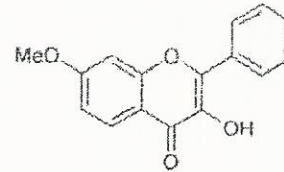
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 3-Hydroxy-7-methoxyflavone
 Sample ID : Lot No:-98022
 Injection Volume : 20 ul.
 Data Filename : 170812D.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog no.: H-418
 Product name: 3-Hydroxy-7-methoxyflavone
 Lot No.: 98022

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
 25.0 90 10
 30.0 90 10



PDA Multi 1 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.844	9.844	1531	0.01	0.60
2	RT:13.041	13.041	3294	0.03	0.79
3	RT:14.462	14.462	5378	0.05	0.88
4	RT:15.583	15.583	6429	0.06	0.93
5	3-OH-7-methoxyflavone	16.475	10976146	99.80	1.00
6	RT:17.291	17.291	1883	0.02	1.05
7	RT:18.008	18.008	3182	0.03	1.09
Total			10997843	100.00	



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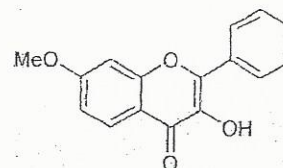
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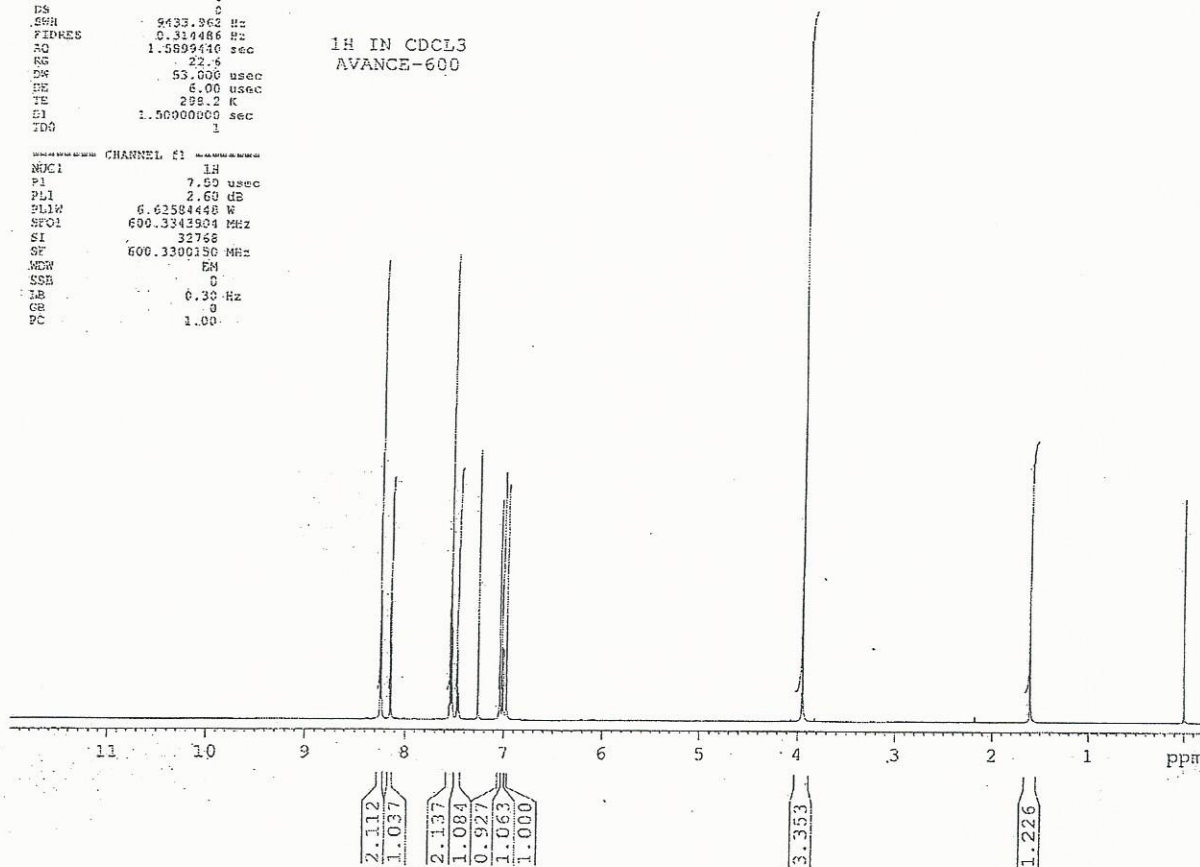
Catalog no.: H-418
Product name: 3-Hydroxy-7-methoxyflavone
Lot No.: 98022



SOLVENT CDCl3
NS 0
DS 0
SWH 9435.962 Hz
FIDRES 0.319486 Hz
AQ 1.5699440 sec
RG 22.6
DR 55.000 usec
DE 6.00 usec
TE 298.2 K
EI 1.56900000 sec
TD0 1

1H IN CDCl3
AVANCE-600

CHANNEL F1
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PLW 6.62584448 W
SFO1 600.3343904 MHz
SI 32768
SF 600.3300150 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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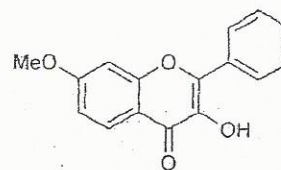
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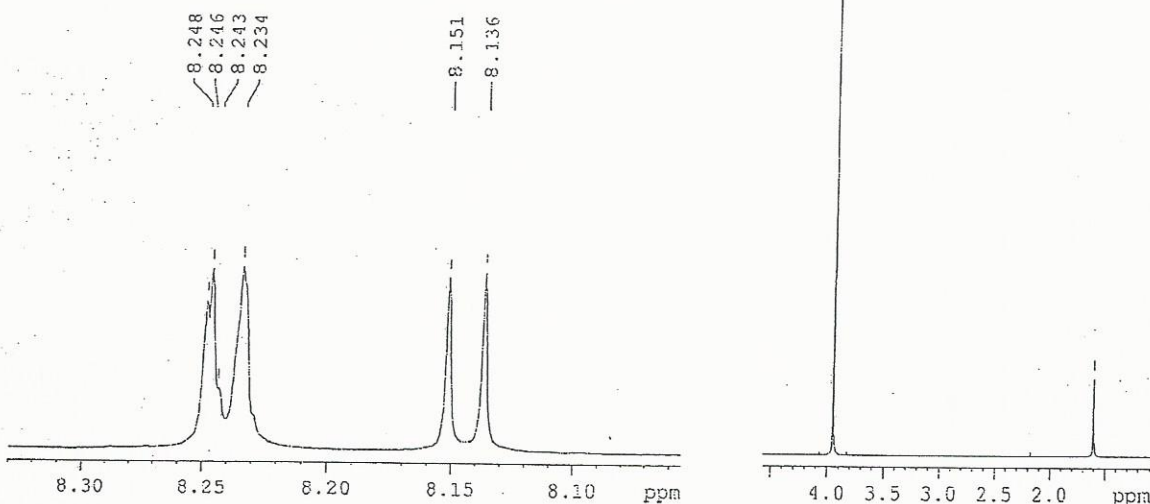
Catalog no.: H-418
Product name: 3-Hydroxy-7-methoxyflavone
Lot No.: 98022



SOLVENT CDCl3
NS 8
DS 0
SWH 9433.962 Hz
FIDRES 0.314486 Hz
AQ 1.585940 sec
RG 22.5
DN 53.060 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

1H IN CDCl3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
P1W 6.62504448 W
SFO1 606.334304 MHz
S1 32768
SF 600.3900150 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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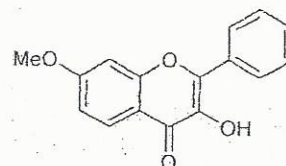
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NS 8
DS 0
SWH 9433.962 Hz
FIDRES 0.314406 Hz
AQ 1.5699440 sec
RG 22.6
BW 53.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCl3
AVANCE-600

NAME CHANNEL f1
NUC1 1H
P1 7.90 usec
PL1 2.00 dB
PL1W 6.62564400 W
SFO1 600.3343904 MHz
SE 32768
SF 600.3300120 MHz
WDW EM
SSB 0
LB 0.30 Hz
CB 0
PC 1.00

