

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

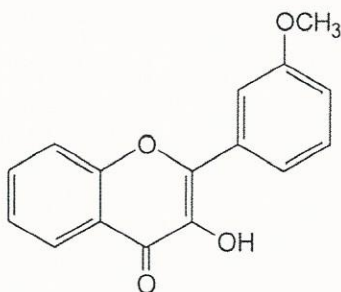
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: H-415

<u>Product:</u>	3-HYDROXY-3'-METHOXYFLAVONE
<u>CAS Number:</u>	[76666-32-5]
<u>Lot No.:</u>	98052
<u>Molecular Formula:</u>	C ₁₆ H ₁₂ O ₄
<u>M.W.:</u>	268.27
<u>Melting Point:</u>	128-130°C
<u>Appearance:</u>	Brown color powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Hexane:Ethyl acetate (7:3)
<u>Purity(HPLC):</u>	98.41%





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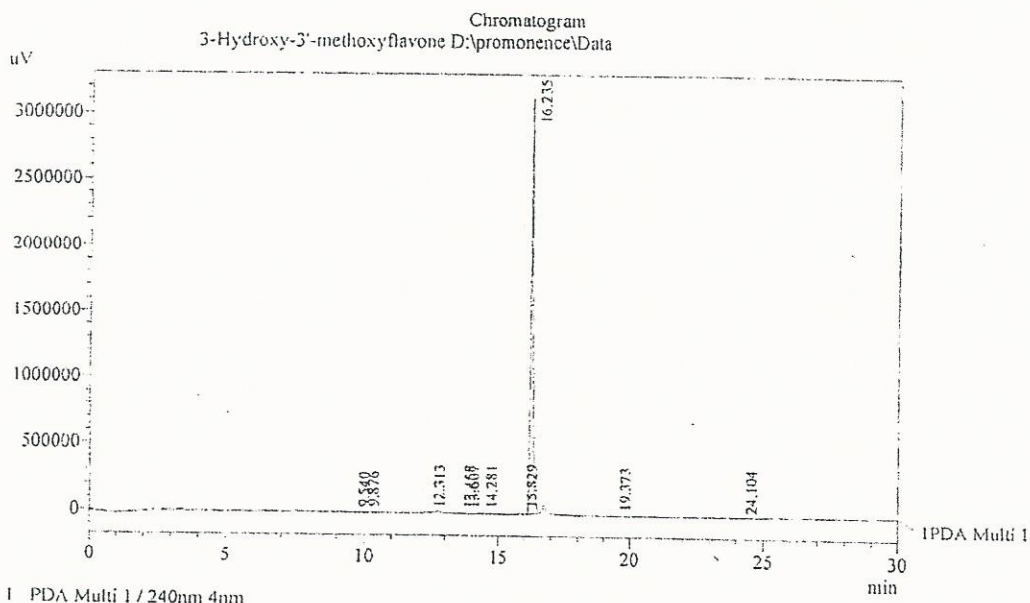
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 3-Hydroxy-3'-methoxyflavone
 Sample ID : Lot No:- 98052
 Injection Volume : 20 uL
 Data Filename : 060312E.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: H-415
 Product name: 3-Hydroxy-3'-methoxyflavone
 Lot No.: 98052

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



PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.540	9.540	14016	0.07	0.59
2	RT:9.876	9.876	85957	0.42	0.61
3	RT:12.313	12.313	9331	0.05	0.76
4	RT:13.458	13.458	8941	0.04	0.83
5	RT:13.607	13.607	10858	0.05	0.84
6	RT:14.281	14.281	40996	0.20	0.88
7	RT:15.829	15.829	108807	0.53	0.97
8	RT:16.235	16.235	20269481	98.41	1.00
9	RT:19.373	19.373	42906	0.21	1.19
10	RT:24.104	24.104	6449	0.03	1.48
Total			20597740	100.00	

PeakTable



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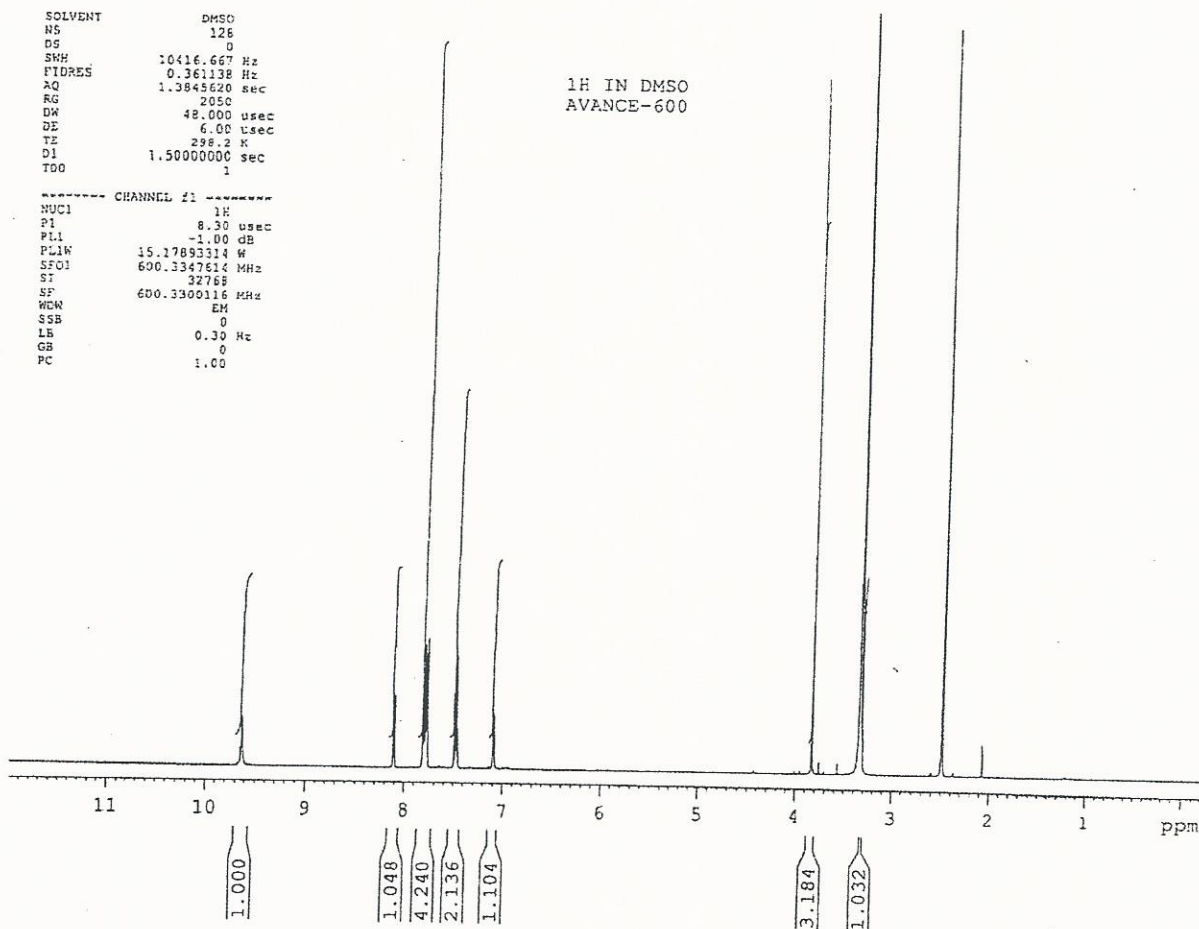
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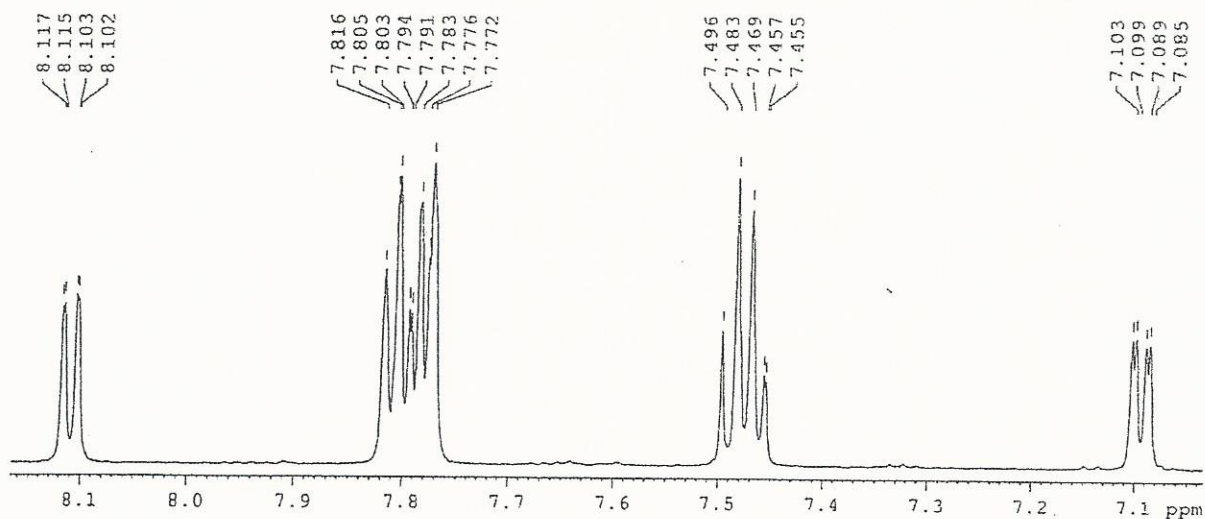
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Product name: 3-Hydroxy-3'-methoxyflavone
Lot No.: 98052

SOLVENT DMSO
HS 128
DS 9
SWH 10416.667 Hz
FIDRES 0.361138 Hz
AQ 1.3845620 sec
RG 2050
DM 48.000 usec
DE 4.00 usec
TE 295.2 K
D1 1.50000500 sec
TD0 1

1H IN DMSO
AVANCE-600

----- CHANNEL F1 -----
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SFO1 600.3347614 MHz
SI 32768
SF 600.3300116 MHz
WDW EM
SSE 0
LB 0.30 Hz
GB C
PC 1.00





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