



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

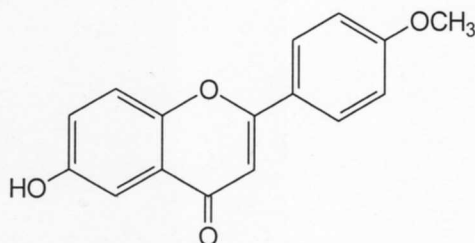
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: H-500

<u>Product:</u>	6-HYDROXY-4'-METHOXYFLAVONE
<u>Lot No.:</u>	0104043
<u>CAS No.:</u>	[35794-88-8]
<u>Molecular Formula:</u>	C ₁₆ H ₁₂ O ₄
<u>Molecular Weight:</u>	268.27
<u>Melting Point:</u>	250-252°C
<u>Appearance:</u>	Off white fluffy powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Chloroform:methanol (9.5:0.5)
<u>Purity(HPLC):</u>	99.83%





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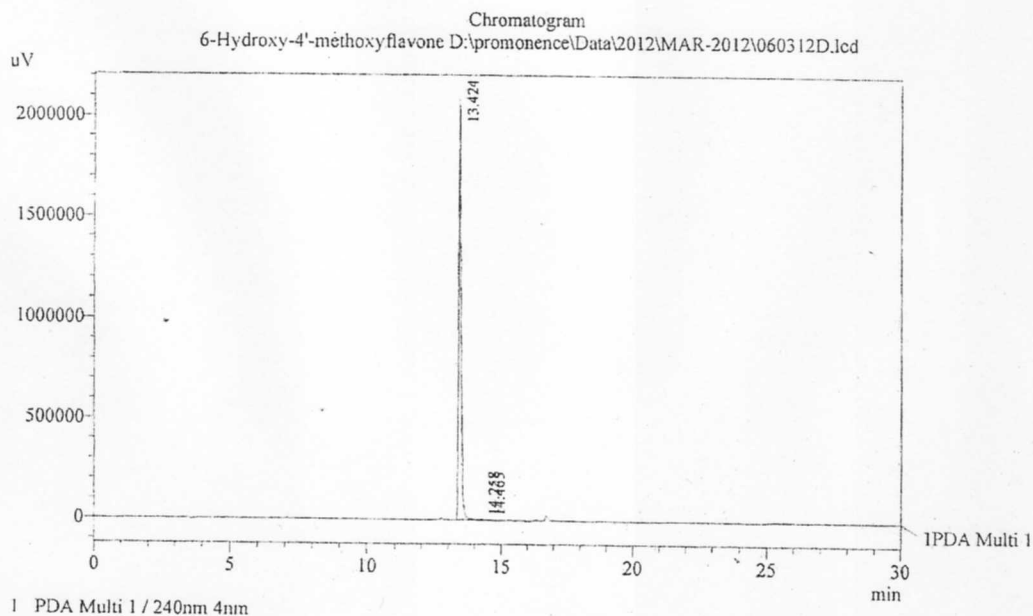
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 6-Hydroxy-4'-methoxyflavone
 Sample ID : Lot No:- 0104043
 Injection Volume : 20 uL
 Data Filename : 060312D.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: H-500
 Product name: 6-Hydroxy-4'-methoxyflavone
 Lot No.: 0104043

Date Acquired : 3/6/2012 1:41:02 PM
 Data Processed : 3/6/2012 2:45:13 PM
 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



I PDA Multi 1 / 240nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.424	13.424	12894769	99.83	1.00
2	RT:14.258	14.258	15906	0.12	1.06
3	RT:14.465	14.465	5474	0.04	1.08
Total			12916150	100.00	



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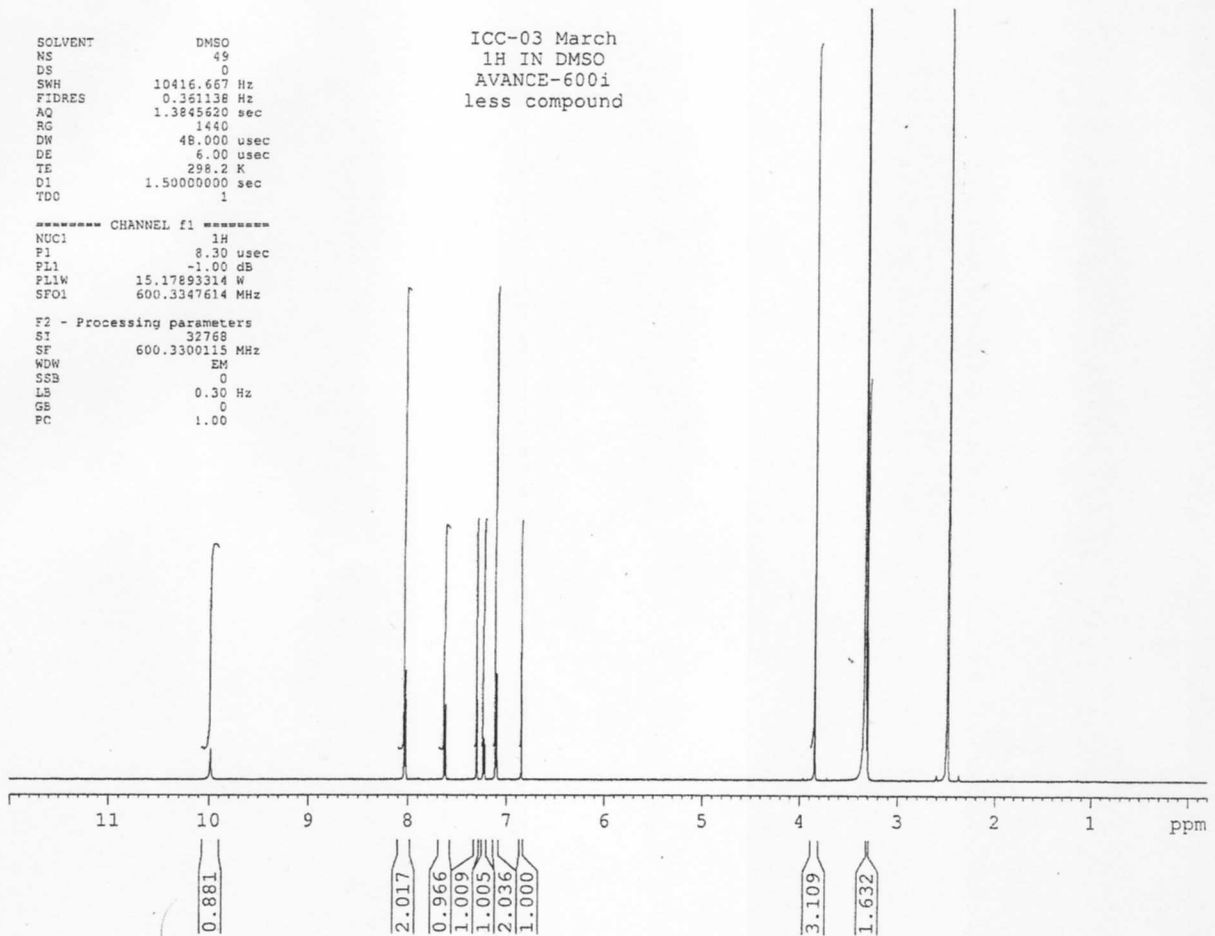
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SOLVENT DMSO
NS 49
DS 0
SWH 10416.667 Hz
FIDRES 0.361138 Hz
AQ 1.3845620 sec
RG 1440
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

ICC-03 March
1H IN DMSO
AVANCE-600i
less compound

***** CHANNEL f1 *****
NUC1 1H
P1 8.30 usec
FL1 -1.00 dB
PL1W 15.17893314 W
SFO1 600.3347614 MHz
F2 - Processing parameters
SI 32768
SF 600.3300115 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
FC 1.00

