



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

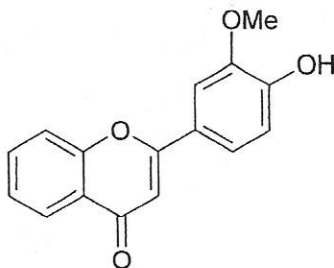
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	H-419
<u>Product Name:</u>	4'-HYDROXY-3'-METHOXYFLAVONE
<u>Cas Number:</u>	[4143-73-1]
<u>Lot Number:</u>	0112310
<u>Chemical Formula:</u>	C ₁₆ H ₁₂ O ₄
<u>Molecular Weight:</u>	268.27
<u>Melting Point:</u>	192-195°C
<u>Appearance:</u>	Dark yellow powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Chloroform:Methanol (9.5:0.5)
<u>NMR Spectrum:</u>	Enclosed (conforms to the structure)
<u>Purity(HPLC):</u>	98.81%





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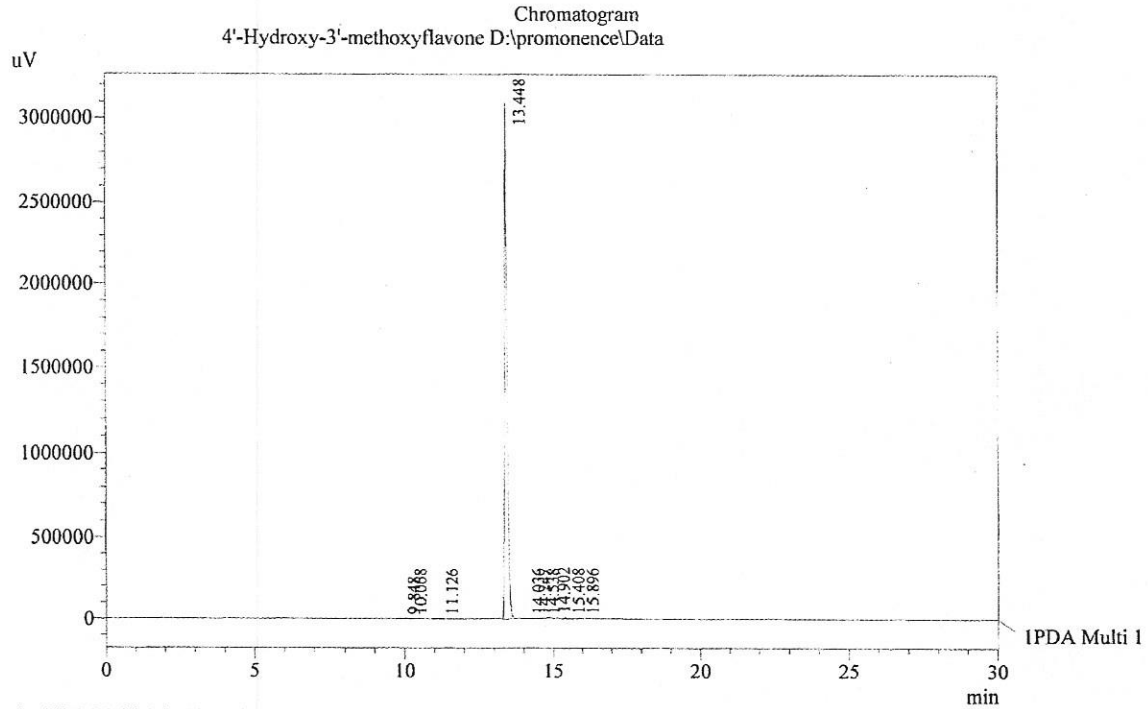
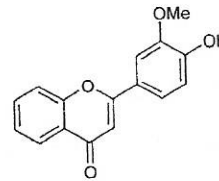
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 4'-Hydroxy-3'-methoxyflavone
Sample ID : Lot No: 0112310
Injection Volume : 20 uL
Data Filename : 021214M.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-419
Product Name: 4'-Hydroxy-3'-methoxyflavone
Lot No.: 0112310

Column : Gemini C18 (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% of 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

Diluent : Methanol



1 PDA Multi 1 / 254nm 4nm

PeakTable

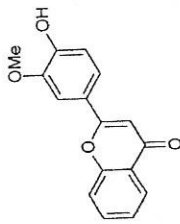
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.848	9.848	8279	0.05	0.73
2	RT:10.068	10.068	13493	0.07	0.75
3	RT:11.126	11.126	13237	0.07	0.83
4	4'-OH-3'-methoxyflavone	13.448	17988964	98.81	1.00
5	RT:14.036	14.036	25487	0.14	1.04
6	RT:14.247	14.247	21967	0.12	1.06
7	RT:14.538	14.538	10800	0.06	1.08
8	RT:14.902	14.902	63893	0.35	1.11
9	RT:15.408	15.408	32381	0.18	1.15
10	RT:15.896	15.896	27603	0.15	1.18
Total			18206105	100.00	



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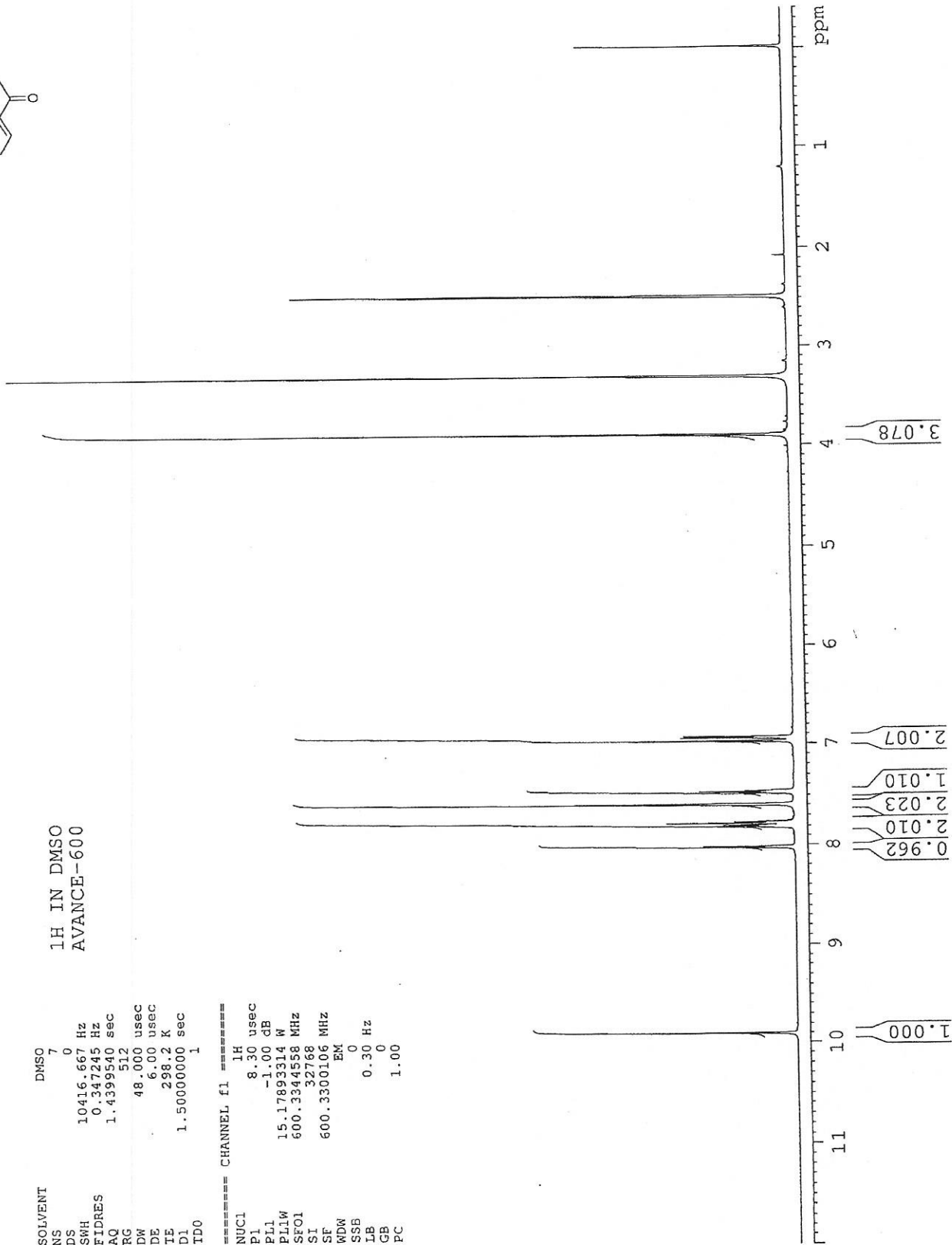
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 Product Name: 4'-Hydroxy-3'-methoxyflavone
 Lot No.: 0112310

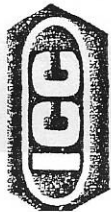


SOLVENT DMSO
 NS 7
 DS 0
 SWH 10416.667 Hz
 FIDRES 0.347245 Hz
 AQ 1.4399540 sec
 RG 512
 DW 48.000 usec
 DE 6.00 usec
 IE 238.2 K
 D1 1.50000000 sec
 ID0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.30 usec
 PL1 -1.00 dB
 PL1W 15.17893314 W
 SF01 600.3344558 MHZ
 SI 32768
 SF 600.3300106 MHZ
 EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

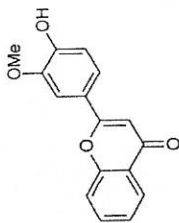
1H IN DMSO
 AVANCE-600





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