



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-409

Product: 2'-HYDROXYFLAVONE

Lot Number: 1212271

Chemical Formula: C₁₅H₁₀O₃

Molecular Weight: 238.25

Melting Point: 247-248°C

Appearance: Off white fluffy powder

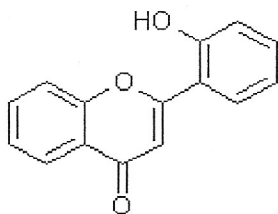
Solubility: Soluble in DMSO

TLC: Chloroform: Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool, dry place

Purity(HPLC): 99.25%





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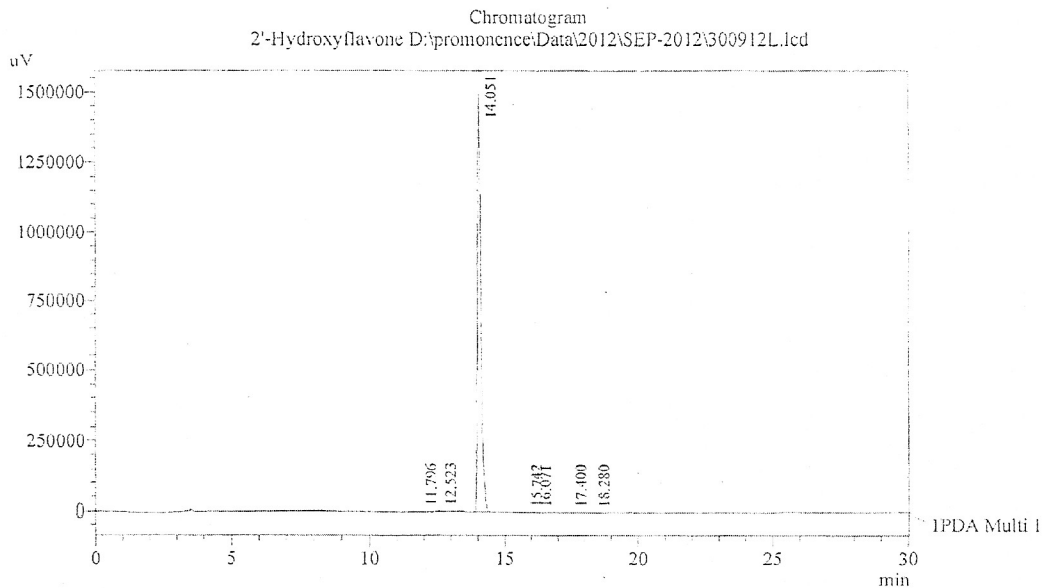
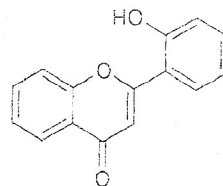
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HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2'-Hydroxyflavone
Sample ID : 30 gms
Injection Volume : 20 uL
Data Filename : 300912L.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: H-409
Product name: 2'-Hydroxyflavone
Lot No.: 1212271

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 / 240nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.796	11.796	39036	0.28	0.84
2	RT:12.523	12.523	44901	0.32	0.89
3	2'-Hydroxyflavone	14.051	13851001	99.25	1.00
4	RT:15.742	15.742	3044	0.02	1.12
5	RT:16.071	16.071	2459	0.02	1.14
6	RT:17.400	17.400	6851	0.05	1.24
7	RT:18.280	18.280	8595	0.06	1.30
Total			13955886	100.00	



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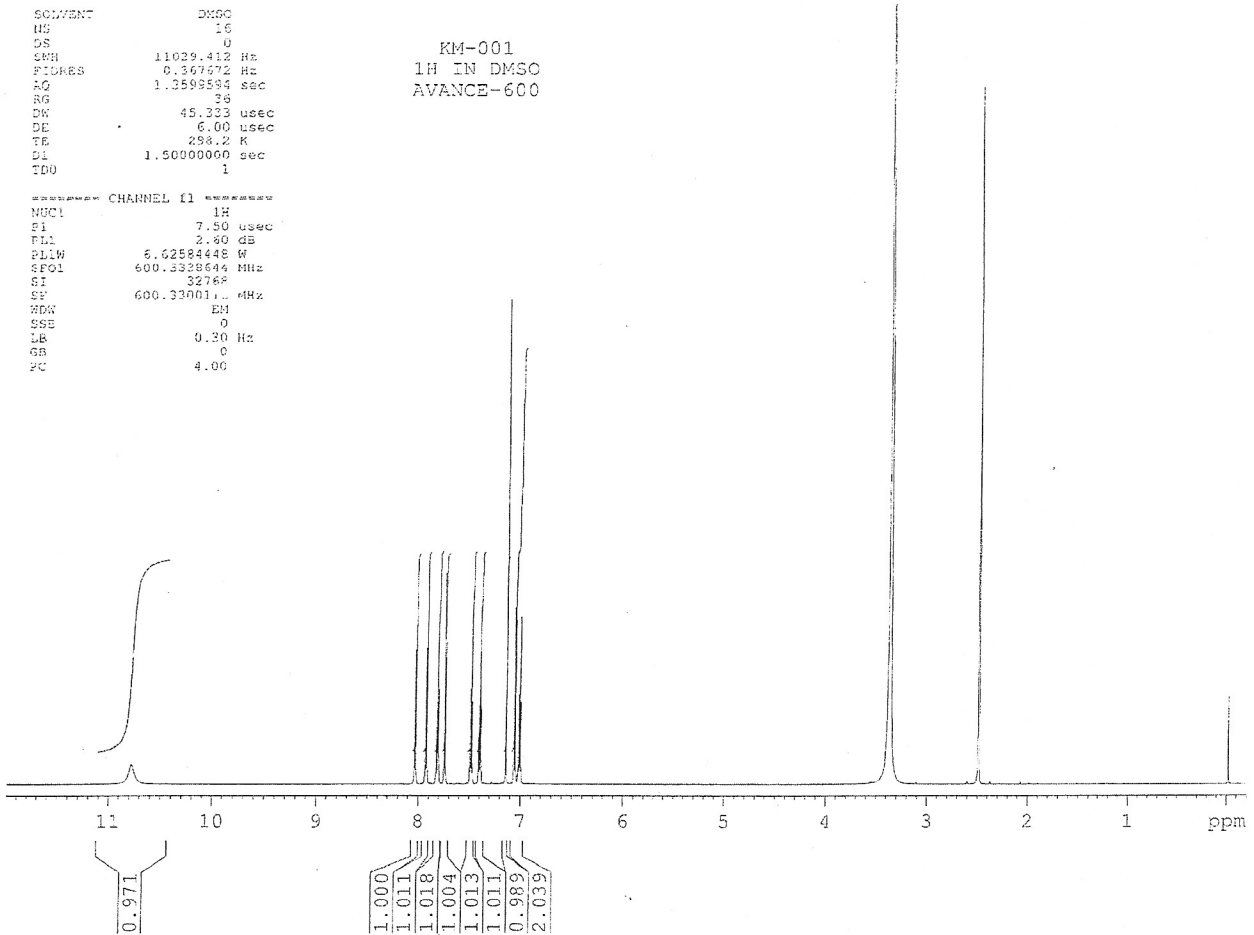
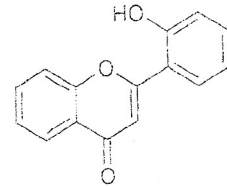
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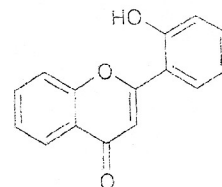
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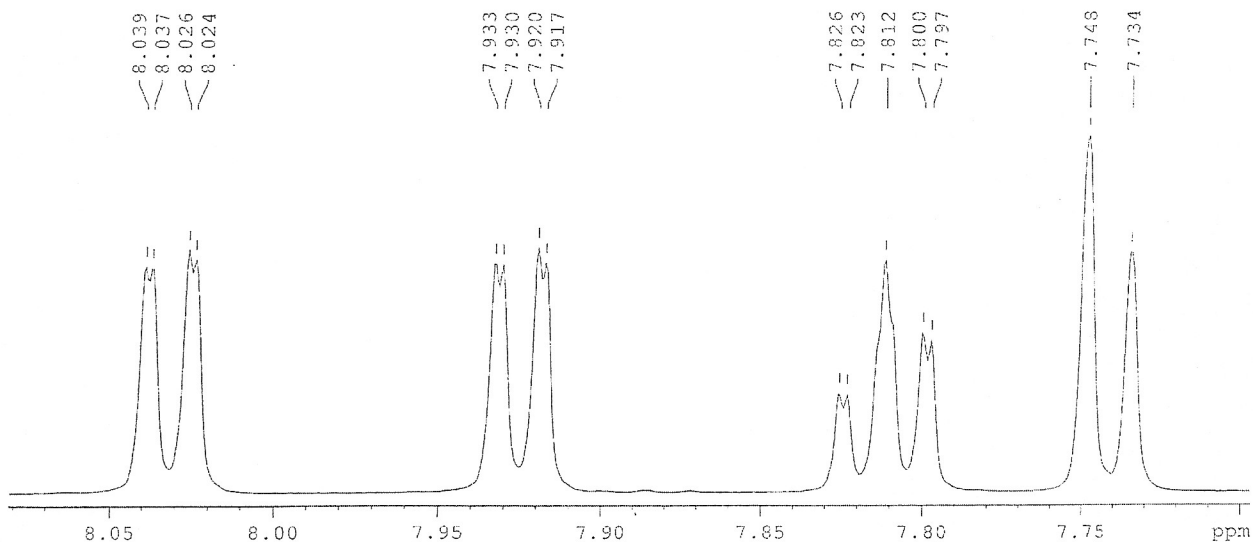
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Product name: 2'-Hydroxyflavone
Lot No.: 1212271



SOLVENT DMSO
NS 15
DS 0
SWM 11629.412 Hz
FIDRES 3.367672 Hz
AQ 1.3592524 sec
RG 26
EW 45.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

KM-001
1H IN DMSO
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.80 dB
PLW 6.62584448 W
SFO1 500.332644 MHz
SI 32768
SF 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00





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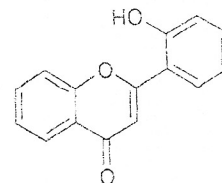
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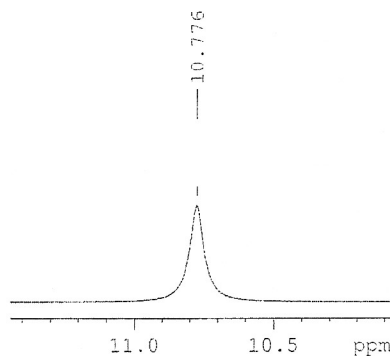
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SOLVENT DMSO
NS 16
PS 0
SWH 11025.412 Hz
FIDRES 0.767272 Hz
AQ 1.3589594 sec
RG 36
RW 45.333 usec
RE 6.00 usec
TE 298.2 K
EI 1.50000000 sec
TD0 1

KM-001
1H IN DMSO
AVANCE-600



----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.50 dB
PLW 6.62584448 W
QFO1 600.3238644 MHz
S1 32768
SF 600.3200116 MHz
WDW EM
SSB 0
LR 0.50 Hz
GB 0
FC 4.00

