



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

Catalog Number: H-027

Product Name: **7-HYDROXYFLAVONE**

CAS Number: [6665-86-7]

Lot Number: 0204082

Chemical Formula: C₁₅H₁₀O₃

Molecular Weight: 238.25

Melting Point: 240-242°C

Appearance: Off white crystals

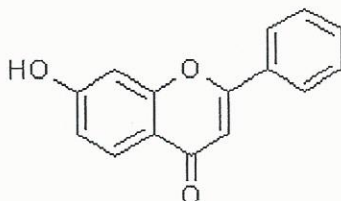
Solubility: Soluble in DMSO

TLC: n-Hexane:Ethyl acetate (1:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.79%





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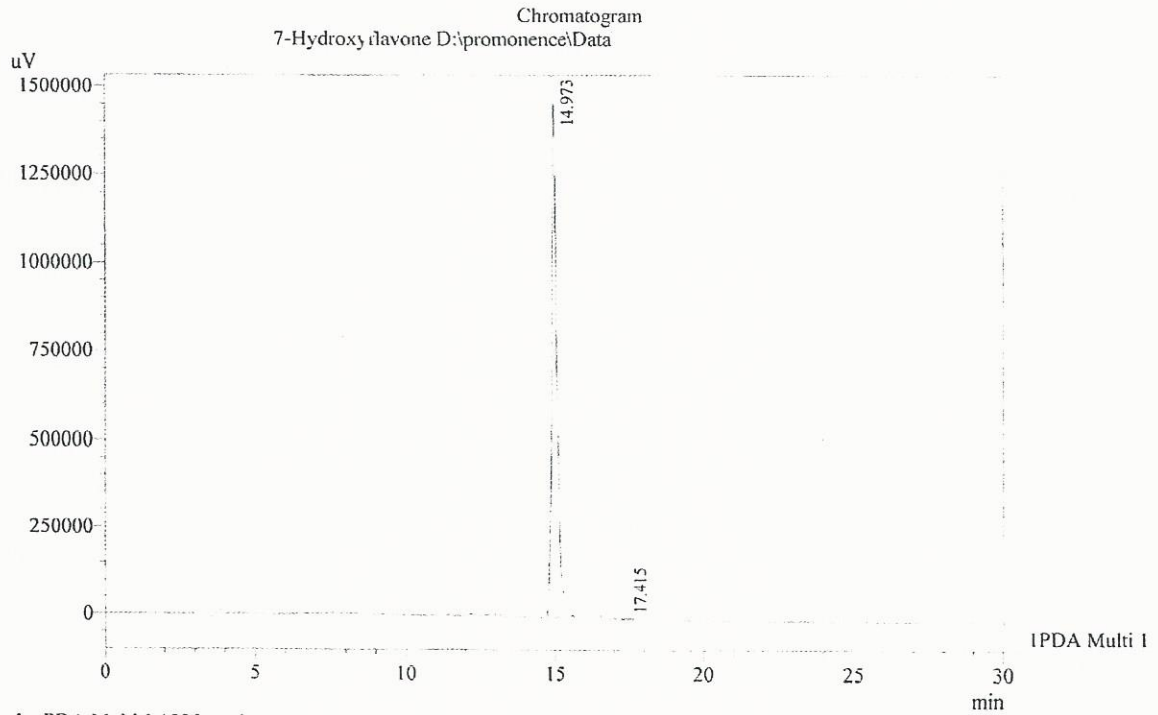
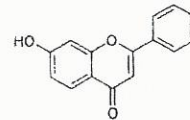
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HPLC ANALYSIS

Acquired by : Admin
Sample Name : 7-Hydroxyflavone
Sample ID : Lot no:0204062
Injection Volume : 20 uL
Data Filename : 1506150.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-027
Product Name: 7-Hydroxyflavone
Lot No.: 0204082

Column : Gemini C-18, (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
Diluent : Acetonitrile



PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	7-Hydroxyflavone	14.973	17381194	99.79	1.00
2	RT:17.415	17.415	36614	0.21	1.16
Total			17417807	100.00	



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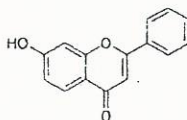
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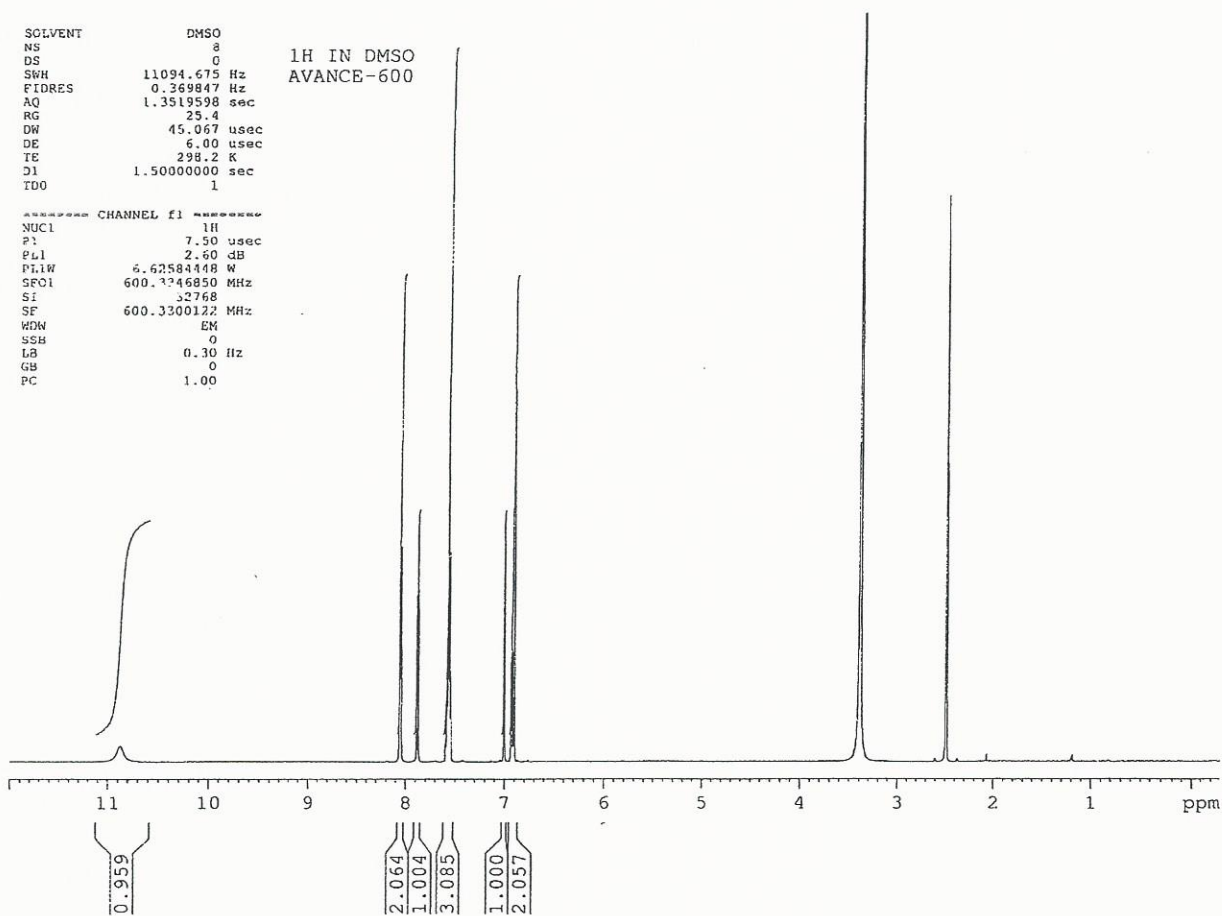
Lot No.: 0204082



SOLVENT DMSO
NS 8
DS 0
SWH 11094.675 Hz
FIDRES 0.369847 Hz
AQ 1.3519598 sec
RG 25.4
DW 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TDO 1

1H IN DMSO
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.13246850 MHz
SI 32768
SF 600.3300122 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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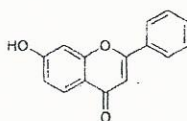
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1H IN DMSO
AVANCE-600

----- CHANNEL f1 -----
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SFOL 600.3346850 MHz
SI 32768
SF 600.3200122 MHz
WDW EM
SSB 0
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GB 0
PC 1.00

