



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-409

Product Name: **2'-HYDROXYFLAVONE**

Lot Number: 0202045

Chemical Formula: C₁₅H₁₀O₃

Molecular Weight: 238.25

Melting Point: 247-249°C

Appearance: Off white fluffy powder

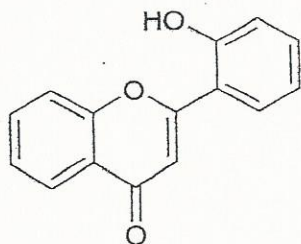
Solubility: Soluble in DMSO

TLC: Chloroform: Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool, dry place

Purity(HPLC): 99.75%





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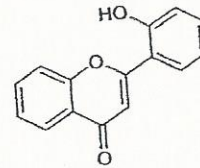
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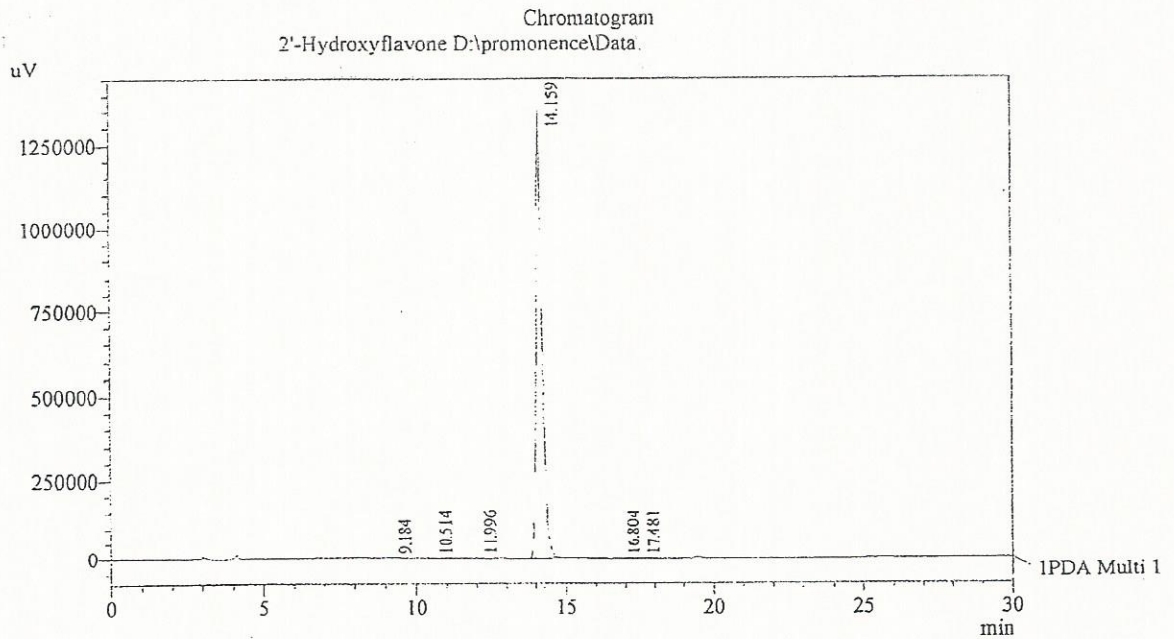
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2'-Hydroxyflavone
Sample ID : Lot No:- 0202045
Injection Volume : 20 uL
Data Filename : 020413N.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-409
Product name: 2'-Hydroxyflavone
Lot No.: 0202045



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
Diluent : Methanol



1 PDA Multi 1 / 240nm 4nm

PeakTable

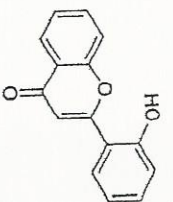
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.184	9.184	4296	0.02	0.65
2	RT:10.514	10.514	1871	0.01	0.74
3	RT:11.996	11.996	18700	0.10	0.85
4	2'-Hydroxyflavone	14.159	19043230	99.75	1.00
5	RT:16.804	16.804	11661	0.06	1.19
6	RT:17.481	17.481	10848	0.06	1.23
Total			19090606	100.00	



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Lot No.: 0202045

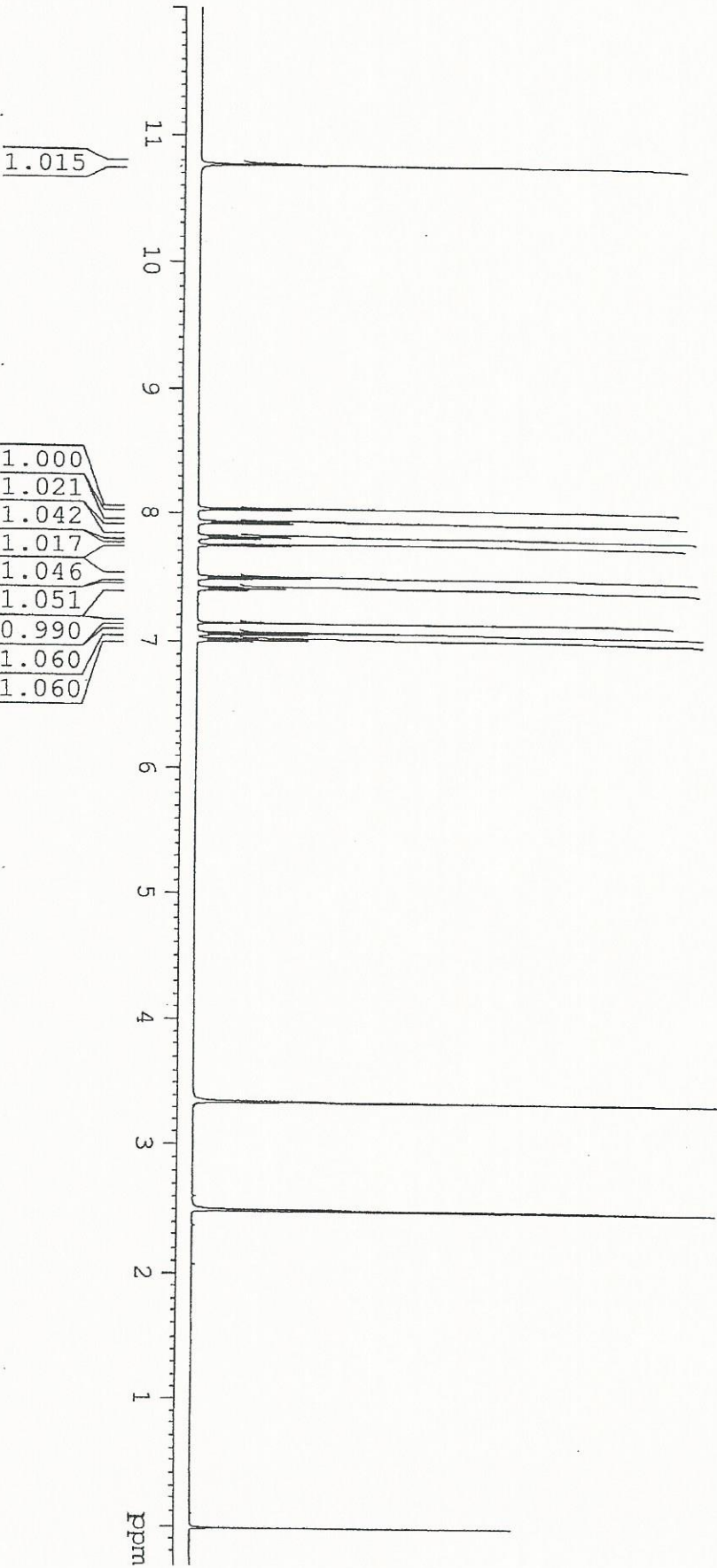


1H IN DMSO
AVANCE-600

SOLVENT DMSO
NS 16
DS 0
SWH 9803.922 Hz
FIDRES 0.326819 Hz
AQ 1.5299480 sec
RG 22.6
DM 51.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

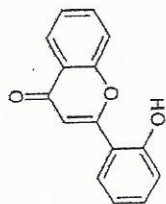
===== CHANNEL f1 =====

NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SF01 600.3345228 MHz
SI 32768
SF 600.3300114 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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1H IN DMSO
 AVANCE-600

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