

 **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: D-254

Product: **6,2'-DIHYDROXYFLAVONE**

CAS Number: [92439-20-8]

Lot Number: 0405123

Chemical Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

Melting Point: >300°C

Appearance: Off white powder

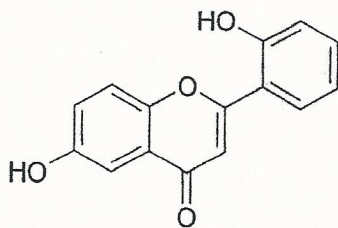
TLC: Hexane:Ethyl acetate (1:1)

Solubility: Soluble in DMSO

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 97.60%





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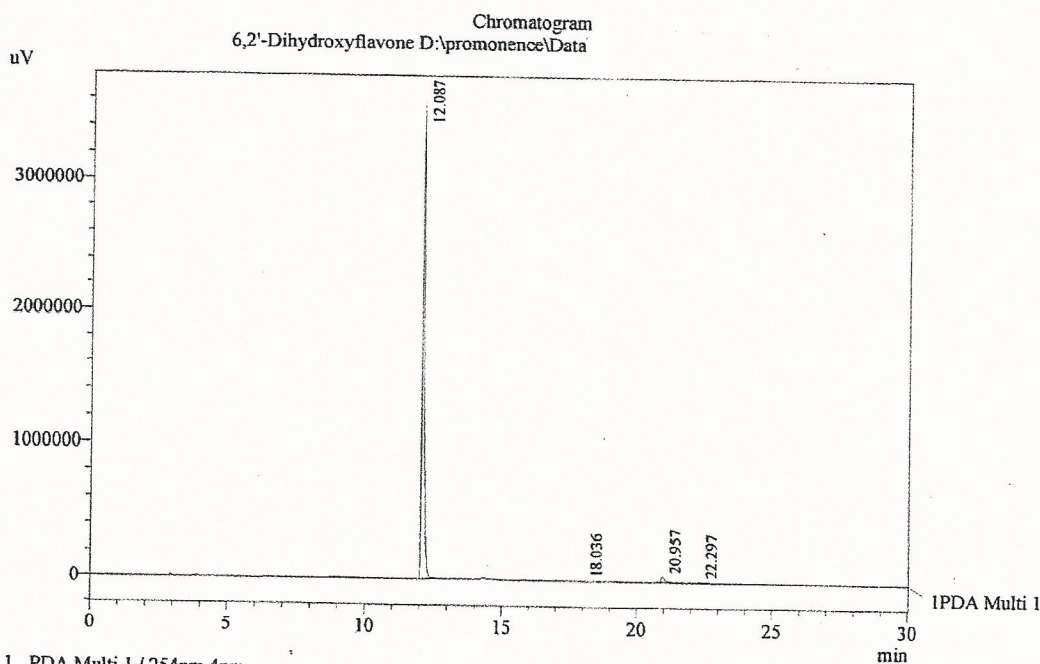
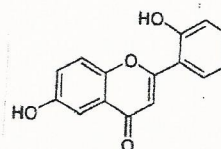
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 6,2'-Dihydroxyflavone
Sample ID : Lot No:0405123
Injection Volume : 20 uL
Data Filename : 200514D.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: D-254
Product Name: 6,2'-Dihydroxyflavone
Lot No.: 0405123

Column : Phenomenex Luna-C18 (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 / 254nm 4nm

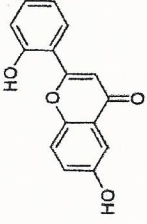
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	6,2'-Dihydroxyflavone	12.087	19873432	97.60	1.00
2	RT:18.036	18.036	10612	0.05	1.49
3	RT:20.957	20.957	417508	2.05	1.73
4	RT:22.297	22.297	59543	0.29	1.84
Total			20361095	100.00	



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 HILLSBOROUGH, NJ 08844

Catalog No.: D-254
 Product Name: 6,2'-Dihydroxyflavone
 Lot No.: 0405123

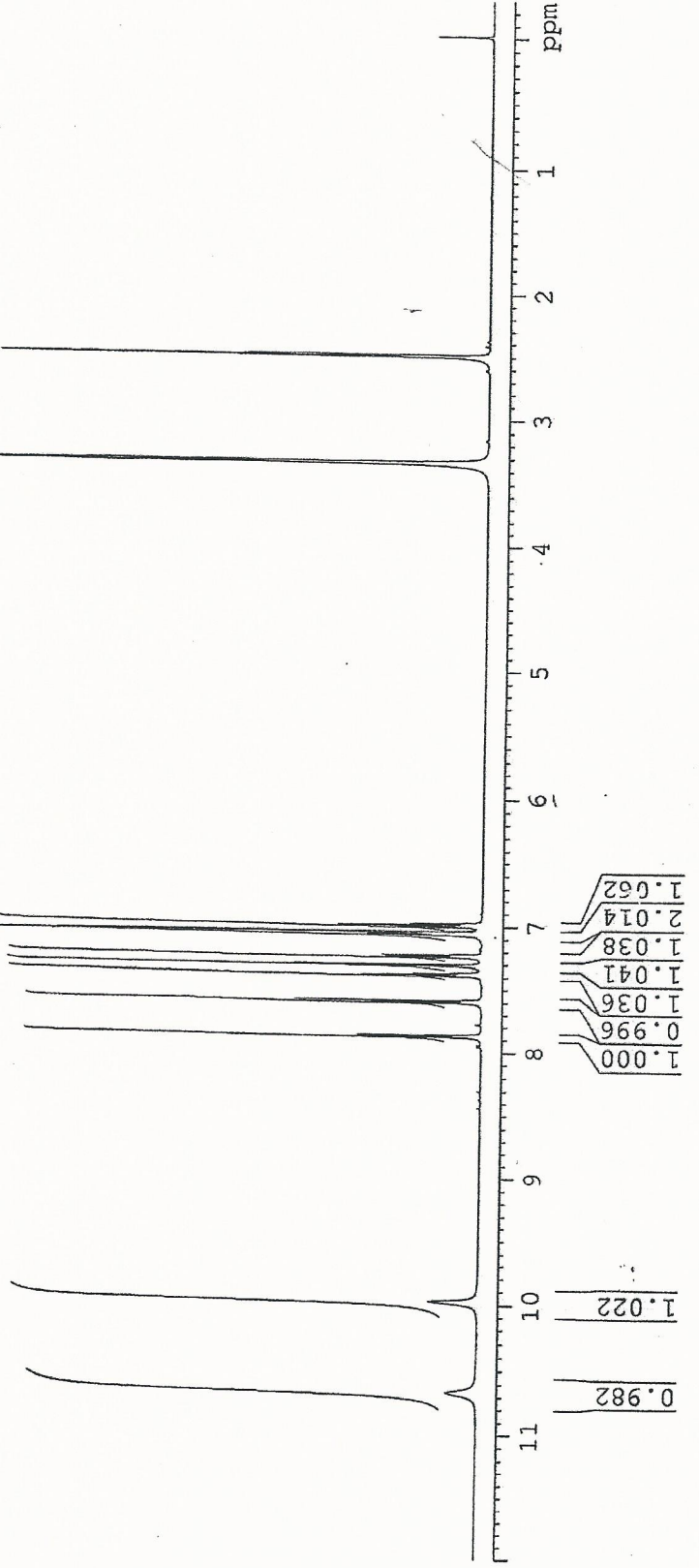


1H IN DMSO

SOLVENT	DMSO
NS	16
DS	0
SWH	10135.135 Hz
FIDRES	0.337860 Hz
AQ	1.4799514 sec
RG	362
DW	49.333 usec
DE	6.00 usec
TE	298.2 K
D1	1.50000000 sec
TD0	1

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

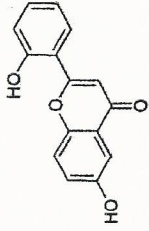
NUC1	1H
P1	8.50 usec
PL1	-1.00 dB
PLW	15.17893314 W
SFOL	600.3345498 MHz
SI	32768
SF	600.3300124 MHz
WDW	EM
SSB	0
LB	0.30 HZ
CB	0
PC	1.00





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Catalog No.: D-254
 Product Name: 6,2'-Dihydroxyflavone
 Lot No.: 0405123



SOLVENT DMSO
 NS 16
 DS 0
 SWH 10135.135 Hz
 FIDRES 0.337860 Hz
 AQ 1.4789514 sec
 RG 362
 DW 49.333 usec
 DE 6.00 usec
 TE 288.2 K
 DI 1.50000000 sec
 ID0 1

1H IN DMSO

==== CHANNEL f1 =====
 NUC1 1H
 P1 8.50 usec
 PL1 -1.00 dB
 PL1W 15.17893314 W
 SFO1 600.3345498 MHz
 SI 32768
 SF 600.3300124 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

