



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.: D-256

Product: 3,6-DIHYDROXYFLAVONE

CAS Number: [108238-41-1]

Lot Number: 89020

Chemical Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

Melting Point: 233-238°C

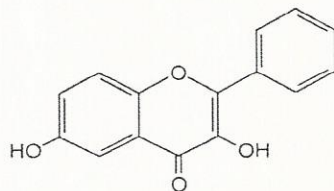
Appearance: Off white fluffy powder

TLC: Hexane:Ethyl acetate (1:1)

Solubility: Soluble in DMSO

Storage: Cool dry place

Purity(HPLC): 99.81%





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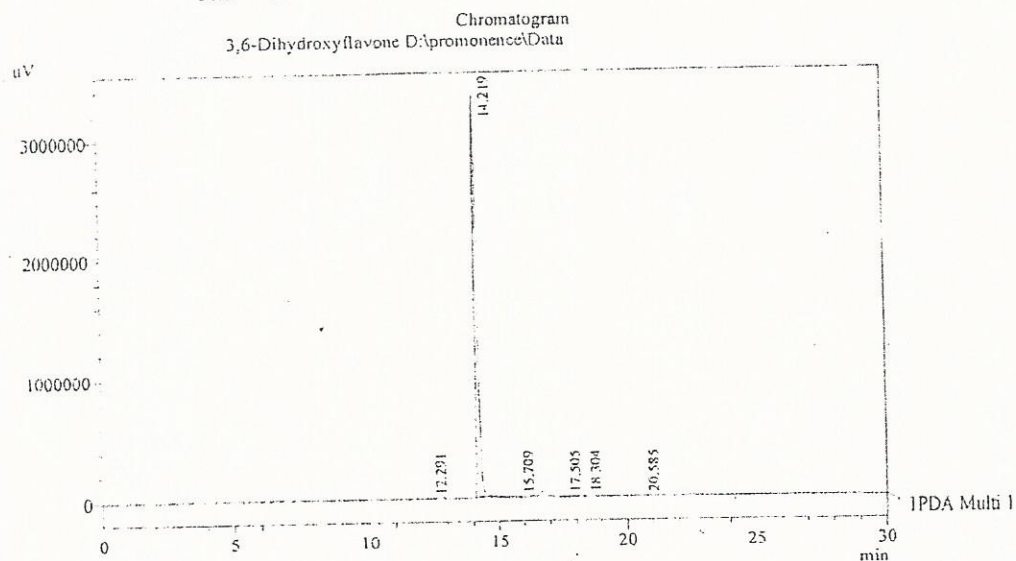
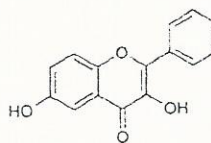
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 3,6-Dihydroxyflavone
 Sample ID : Lot No:- 89020
 Injection Volume : 20 uL
 Data Filename : 060312G.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: D-256
 Product name: 3,6-Dihydroxyflavone
 Lot No.: 89020

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
 25.0 90 10
 30.0 90 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.291	12.291	3032	0.01	0.86
2	RT:14.219	14.219	25256238	99.81	1.00
3	RT:15.709	15.709	9308	0.04	1.10
4	RT:17.505	17.505	10214	0.04	1.23
5	RT:18.304	18.304	19410	0.08	1.29
6	RT:20.585	20.585	6439	0.03	1.45
Total			25304611	100.00	



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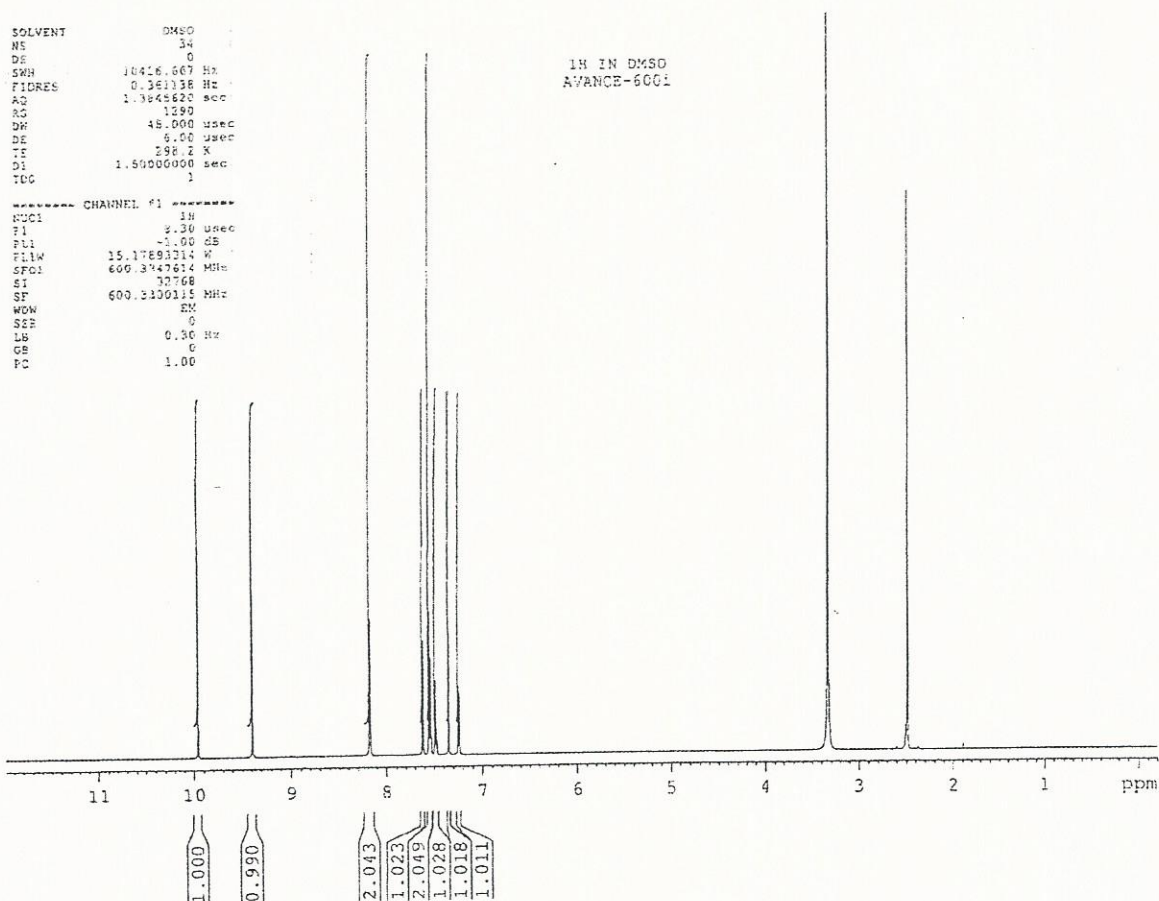
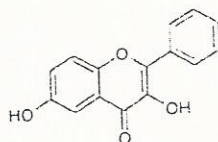
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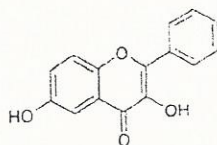
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SOLVENT DMSO
NS 34
DS C
SWH 10414.667 Hz
FIDRES 0.361138 Hz
AQ 1.3845820 sec
RG 1290
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
DJ 1.50000000 sec
TDD 1

1H IN DMSO
AVANCE-5001

----- CHANNEL f1 -----
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PL1K 15.17893324 W
PFG1 600.3387614 MHz
SI 32758
SF 600.3300115 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

8.188
8.187
8.174

7.629
7.614
7.561
7.548
7.535
7.496
7.484
7.472
7.351
7.346
7.256
7.251
7.241
7.236

