



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: H-026

Product Name: **6-HYDROXYFLAVONE**

CAS Number: [6665-83-4]

Lot Number: 94029

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight: 238.24

Melting Point: 234-236°C

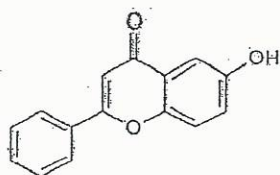
Appearance: Cream color shining powder

TLC: Hexane: Ethyl acetate (1:1)

Solubility: Soluble in DMSO

Storage: Cool dry place

Purity(HPLC): 99.68%





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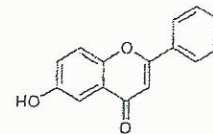
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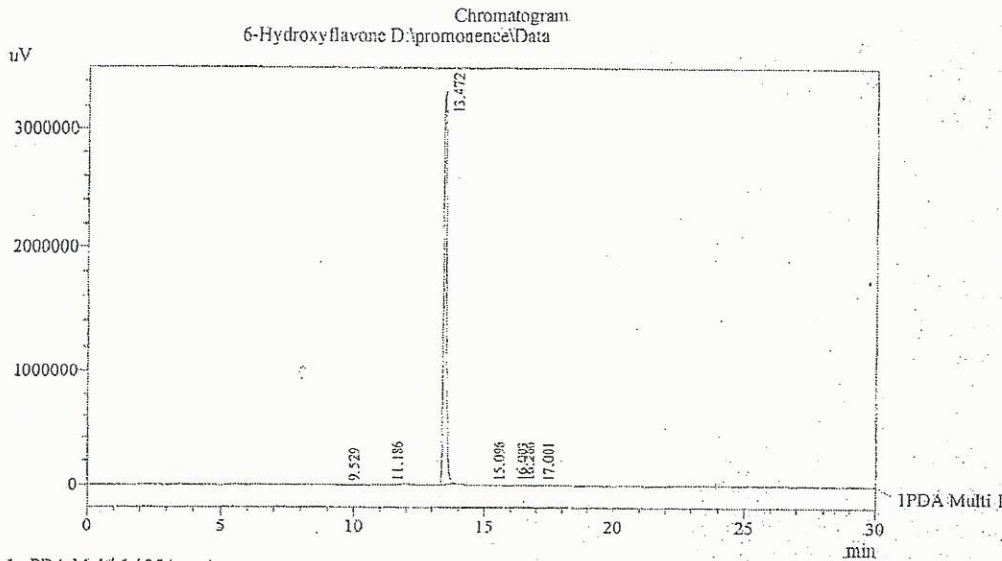
## HPLC ANALYSIS

Catalog no.: H-026  
Product name: 6-Hydroxyflavone  
Lot No.: 94029

Acquired by : Sanjeev  
Sample Name : 6-Hydroxyflavone  
Sample ID : Lot No:-94029  
Injection Volume : 20 uL  
Data Filename : 290512J.lcd  
Method Filename : Linear Gradient.M.lcm



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 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.529	9.529	7595	0.03	0.71
2	RT:11.186	11.186	2709	0.01	0.83
3	6-Hydroxyflavone	13.472	27282716	99.68	1.00
4	RT:15.096	15.096	22792	0.08	1.12
5	RT:16.003	16.003	6864	0.03	1.19
6	RT:16.266	16.266	39912	0.15	1.21
7	RT:17.001	17.001	9037	0.03	1.26
Total			27371625	100.00	



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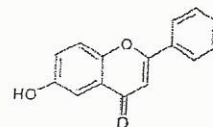
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Catalog no.: H-026  
Product name: 6-Hydroxyflavone  
Lot No.: 94029

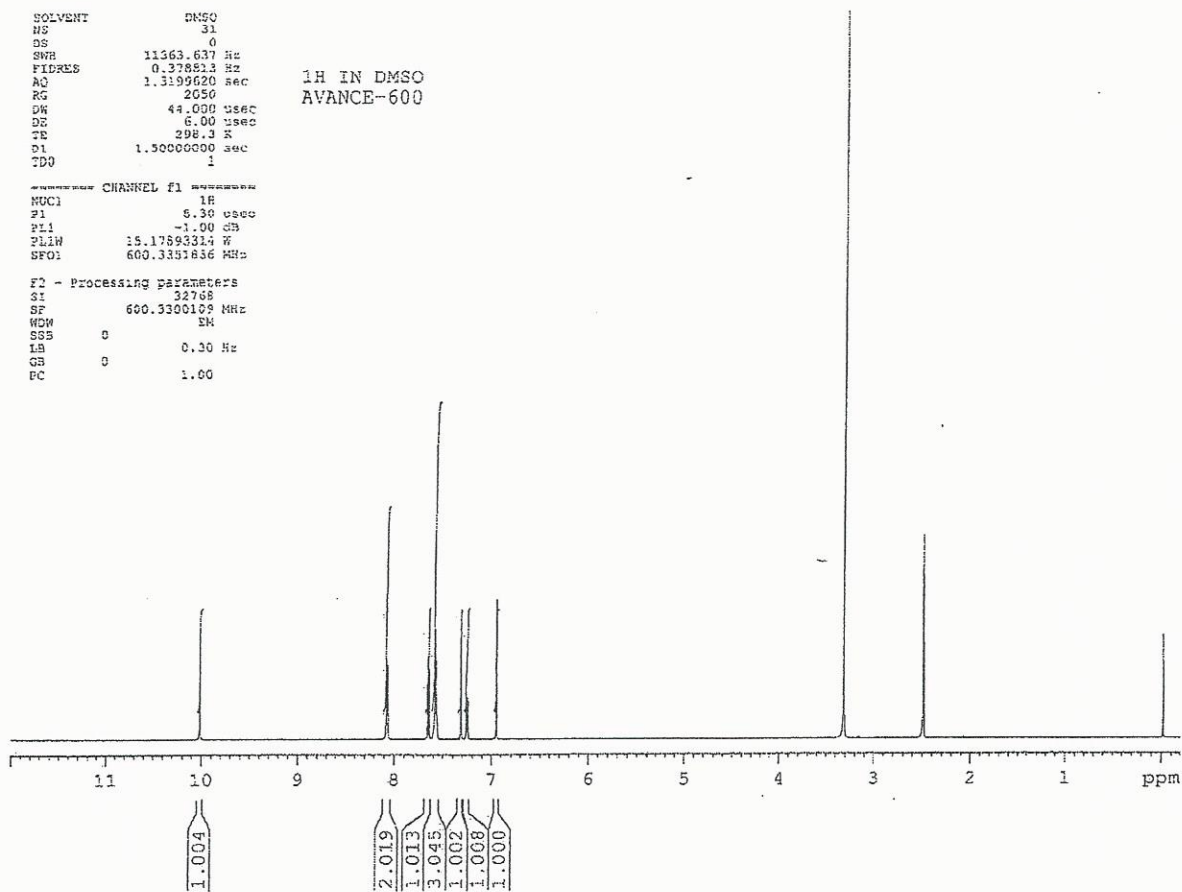


SOLVENT DMSO  
NS 31  
DS 0  
SWH 11363.637 Hz  
FIDRES 0.378813 Hz  
AQ 1.3199620 sec  
RG 2050  
DW 44.000 usec  
DE 6.00 usec  
TE 298.3 K  
D1 1.5000000 sec  
TD0 1

1H IN DMSO  
AVANCE-600

----- CHANNEL f1 -----  
NUC1 1H  
P1 6.30 usec  
PL1 -1.00 dB  
PL1H 15.17693314 W  
SFO1 600.3351836 MHz

F2 - Processing parameters  
SI 32768  
SF 600.3300199 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00





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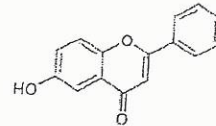
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D1 1.5000000 sec  
TDO 1

1H IN DMSO  
AVANCE-600

\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
NUC1 1H  
P1 8.30 usec  
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SE 22768  
SF 600.3300109 MHz  
KDW EM  
SSB 0  
LR 0.30 Hz  
GB 0  
PC 1.00

