



# 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

Cat No.: T-251

Product: **3,7,4'-TRIHYDROXYFLAVONE**  
(Resokaempferol ; 5-Deoxykaempferol)

Cas Number: [2034-65-3]

Lot Number: 99066

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

Molecular Weight: 270.25

Melting Point: 310-311°C

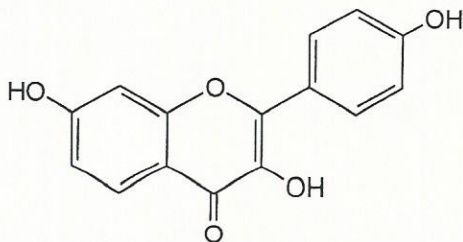
Appearance: Yellow powder

TLC: Chloroform:methanol (9:1)

Solubility: Soluble in DMSO

Storage: Cool dry place

Purity(HPLC): 99.72%





# 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)

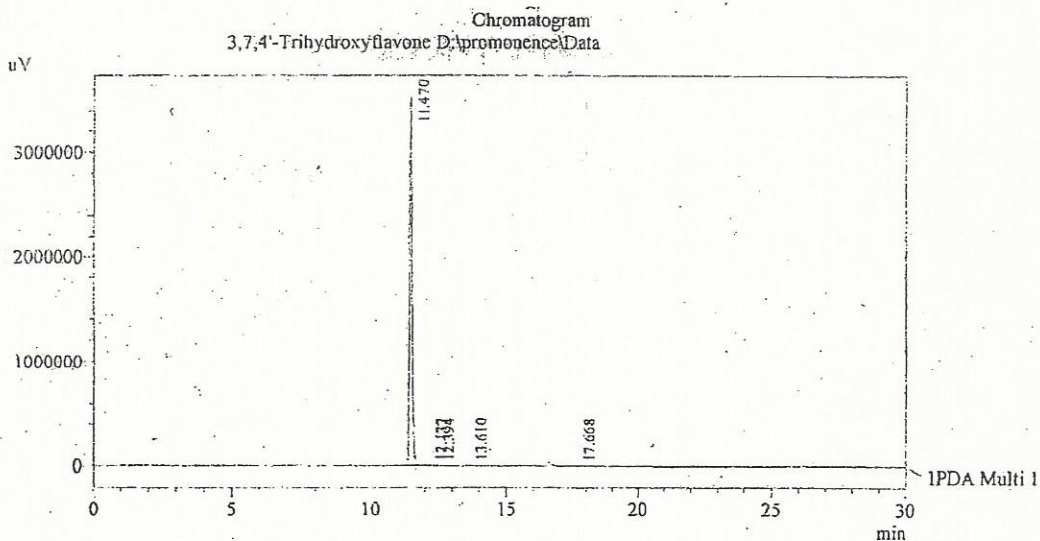
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Sanjeev  
Sample Name : 3,7,4'-Trihydroxyflavone  
Sample ID : Lot No:- 99066  
Injection Volume : 20 uL  
Data Filename : 170112E.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: T-251  
Product name: 3,7,4'-Trihydroxyflavone  
Lot No.: 99066

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 / 240nm 4nm

PeakTable

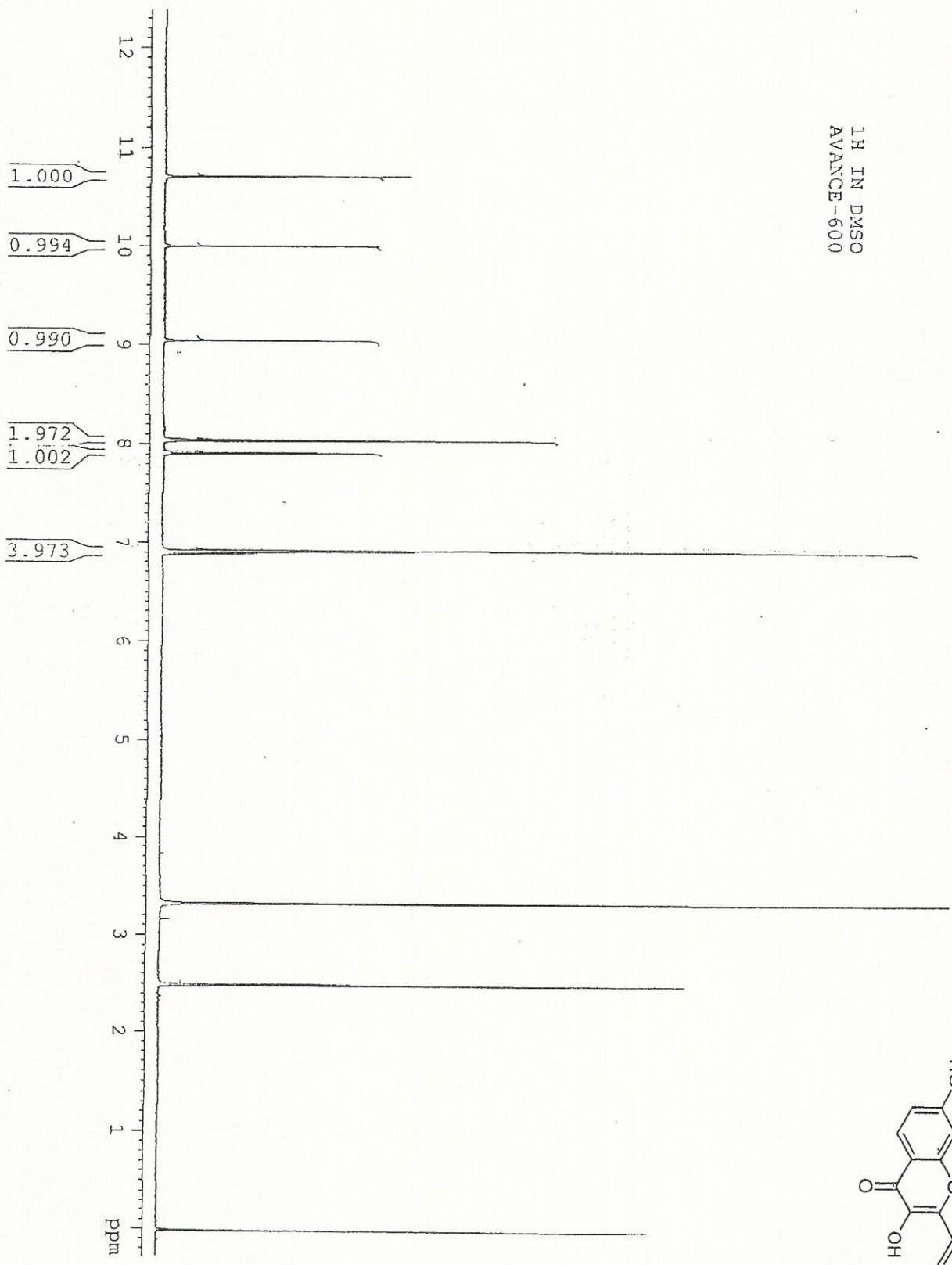
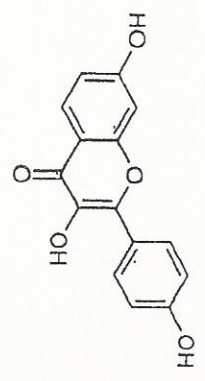
Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1	RT:11.470	11.470	23482683	99.72	1.00
2	RT:12.132	12.132	5085	0.02	1.06
3	RT:12.394	12.394	12942	0.05	1.08
4	RT:13.610	13.610	31936	0.14	1.19
5	RT:17.668	17.668	16544	0.07	1.54
Total			23549189	100.00	



INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844

Catalog No.: T-251  
Product name: 3,7,4'-Trihydroxyflavone  
Lot No.: 99066

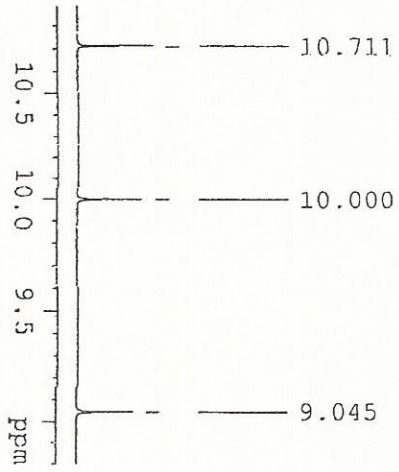
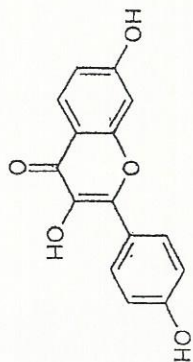
<sup>1</sup>H IN DMSO  
AVANCE-600





INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844

Catalog No.: T-251  
Product name: 3,7,4'-Trihydroxyflavone  
Lot No.: 99066



1H IN DMSO  
AVANCE-600

