



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

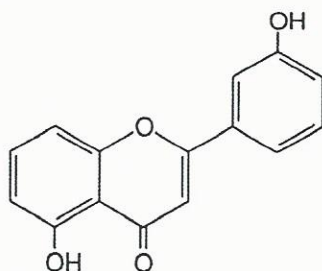
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: D-409

<u>Product:</u>	5,3'-DIHYDROXYFLAVONE
<u>Lot No.:</u>	0012275
<u>Molecular Formula:</u>	C ₁₅ H ₁₀ O ₄
<u>M.W.:</u>	254.25
<u>Melting Point:</u>	250-252 °C
<u>Appearance:</u>	Yellow crystalline powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Hexane:Ethyl acetate (7:3)
<u>Purity(HPLC):</u>	98.66%





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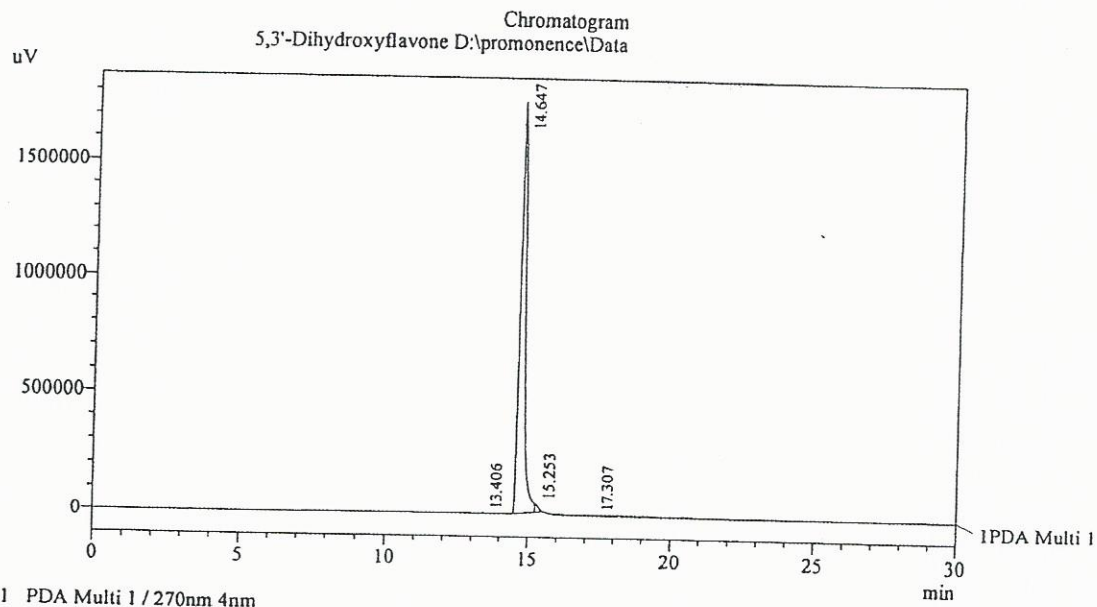
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HPLC ANALYSIS

Acquired by	: Sanjeev	Catalog No.:	D-409
Sample Name	: 5,3'-Dihydroxyflavone	Product name:	5,3'-Dihydroxyflavone
Sample ID	: Lot No:- 0012275	Lot No.:	0012275
Injection Volume	: 20 uL		
Data Filename	: 110112K.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
	25.0 90 10
	30.0 90 10



PDA Ch1 270nm 4nm

PeakTable

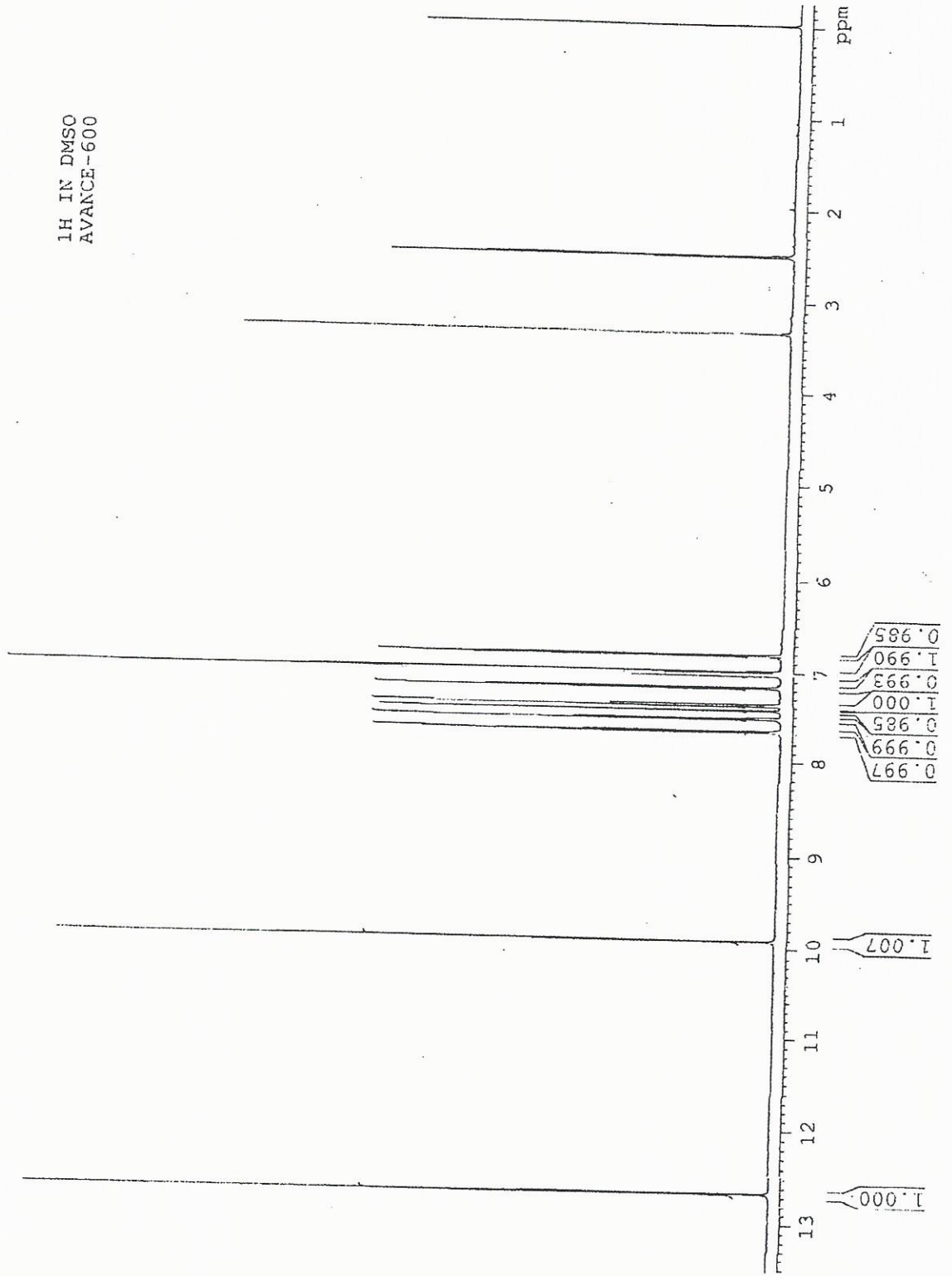
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.406	13.406	15814	0.07	0.92
2	RT:14.647	14.647	23827035	98.66	1.00
3	RT:15.253	15.253	297139	1.23	1.04
4	RT:17.307	17.307	11678	0.05	1.18
Total			24151665	100.00	



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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: D-409
Product name: 5,3'-Dihydroxyflavone
Lot No.: 0012275

1H IN DMSO
AVANCE-600





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