

ICC **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-602

Product: 3,3'-DIHYDROXYFLAVONE

CAS No.: [55977-09-8]

Lot No.: 0012274

Molecular Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

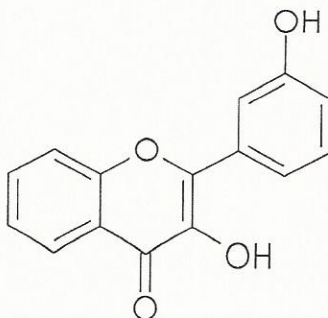
Melting Point: 229-233°C

Appearance: Greenish yellow powder

Solubility: Soluble in DMSO

TLC: Chloroform:methanol (9:1)

Purity(HPLC) 96.69%





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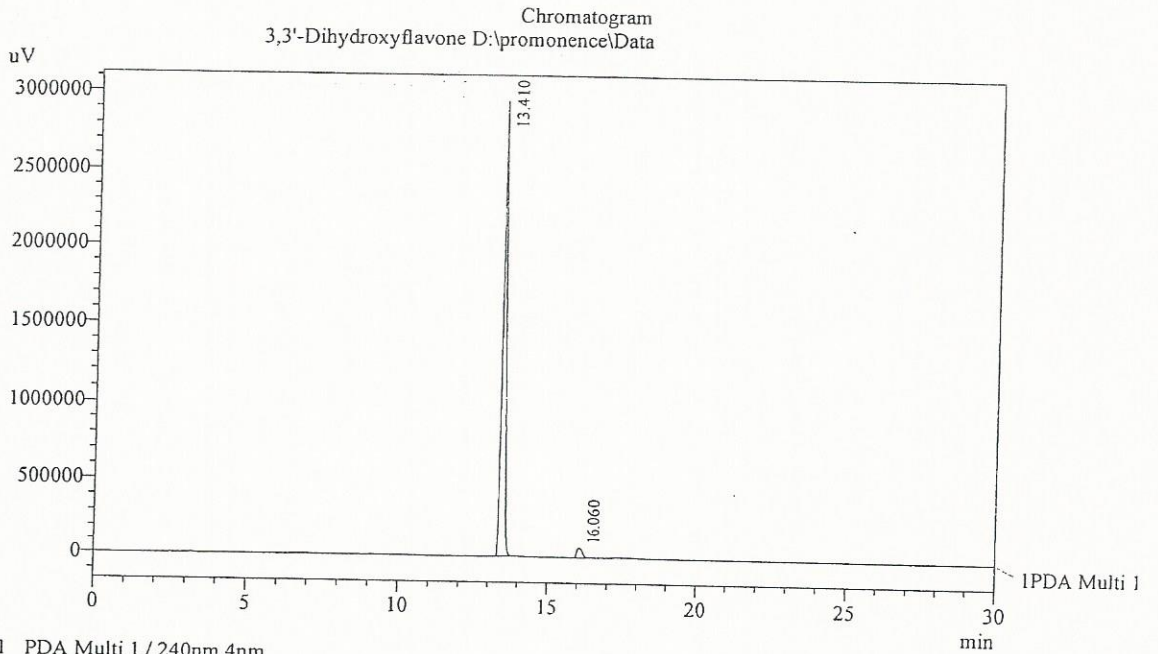
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HPLC ANALYSIS

Acquired by	: Sanjeev	Catalog No.:	D-602
Sample Name	: 3,3'-Dihydroxyflavone	Product name:	3,3'-Dihydroxyflavone
Sample ID	: Lot No:- 0012274	Lot No.:	0012274
Injection Volume	: 20 uL		
Data Filename	: 110112J.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



PeakTable

PDA Ch1 240nm 4nm

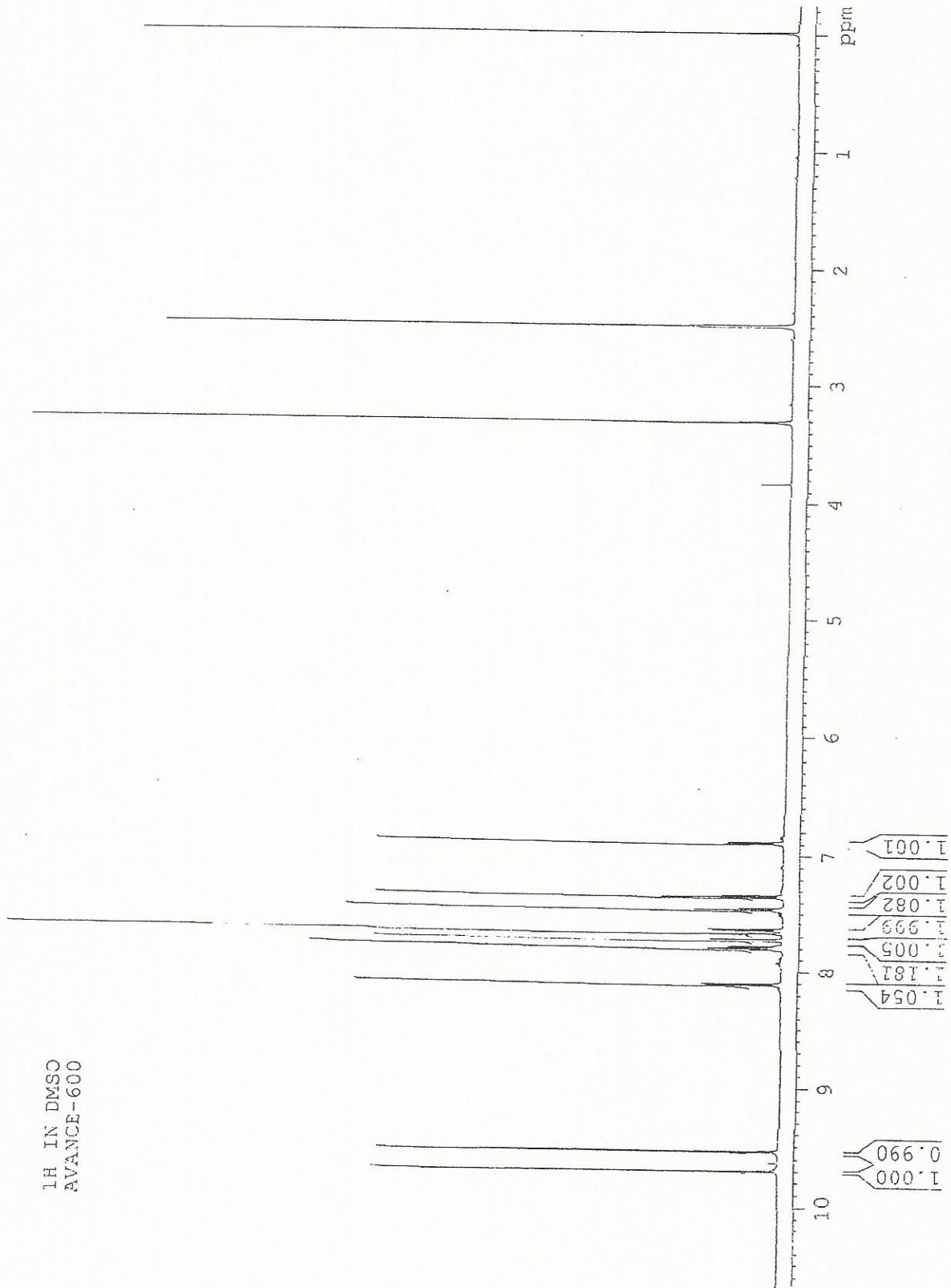
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.410	13.410	24318792	96.69	1.00
2	RT:16.060	16.060	832170	3.31	1.20
Total			25150962	100.00	



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

Catalog No.: D-602
Product name: 3,3'-Dihydroxyflavone
Lot No.: 0012274

¹H IN DMSO
AVANCE-600





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