



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

Catalog Number: H-021

Product Name: 2'-HYDROXYFLAVANONE

Cas Number: [17348-76-4]

Lot Number: 1605828

Chemical Formula: C₁₅H₁₂O₃

Molecular Weight: 240.26

Melting Point: 166-168°C

Appearance: Off white powder

Solubility(Color): Faint yellow

Solubility(Turbidity)
(50 mg/ml MeOH) Clear

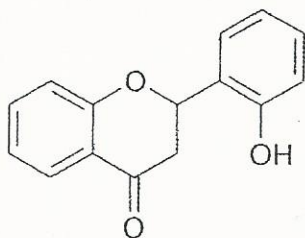
Moisture (KF): 0.32%

TLC: n-Hexane : Ethyl acetate (8:2)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.32%





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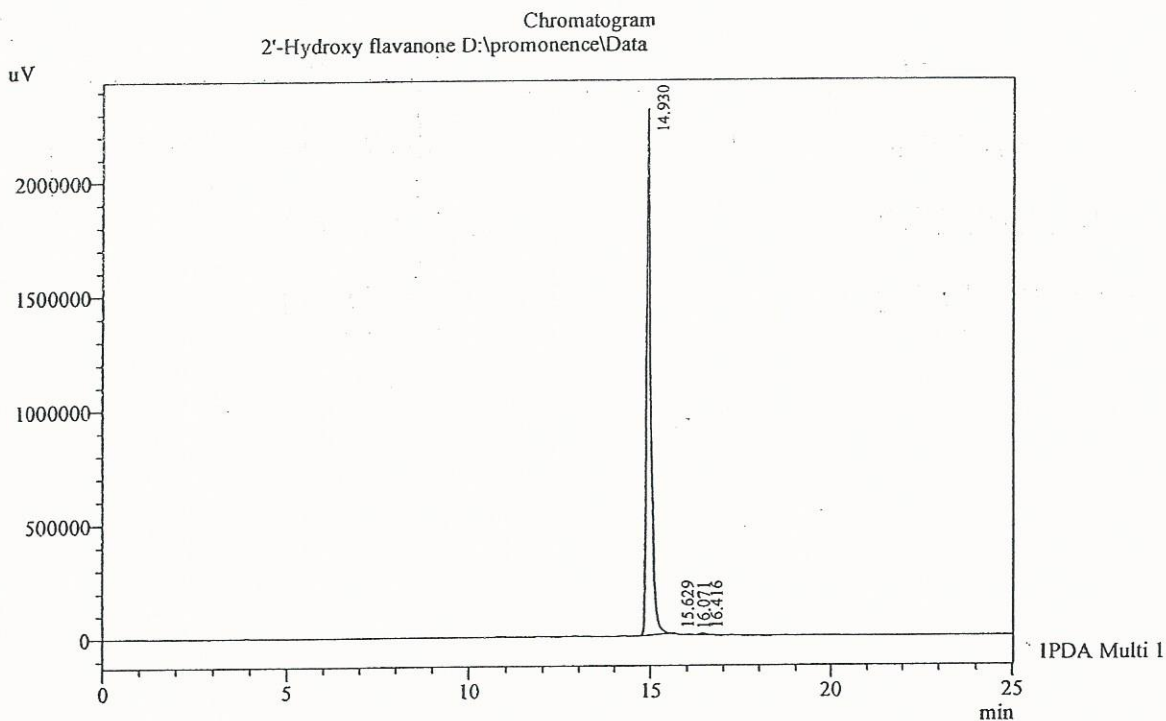
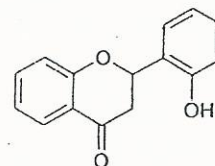
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HPLC ANALYSIS

Acquired by : Admin
Sample Name : HPLC of 2'-Hydroxyflavanone
Sample ID : 600 gm
Injection Volume : 20 uL
Data Filename : 180516E.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-021
Product Name: 2'-Hydroxyflavanone
Lot No.: 1605828

Column : LUNA C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10
25.00 : 90 : 10



1 PDA Multi 1 / 260nm 4nm

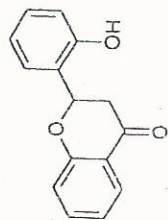
PeakTable

PDA Ch1 260nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2'-Hydroxy flavanone	14.930	19889410	99.32	1.00
2	RT:15.629	15.629	14901	0.07	1.05
3	RT:16.071	16.071	28572	0.14	1.08
4	RT:16.416	16.416	91713	0.46	1.10
Total			20024596	100.00	

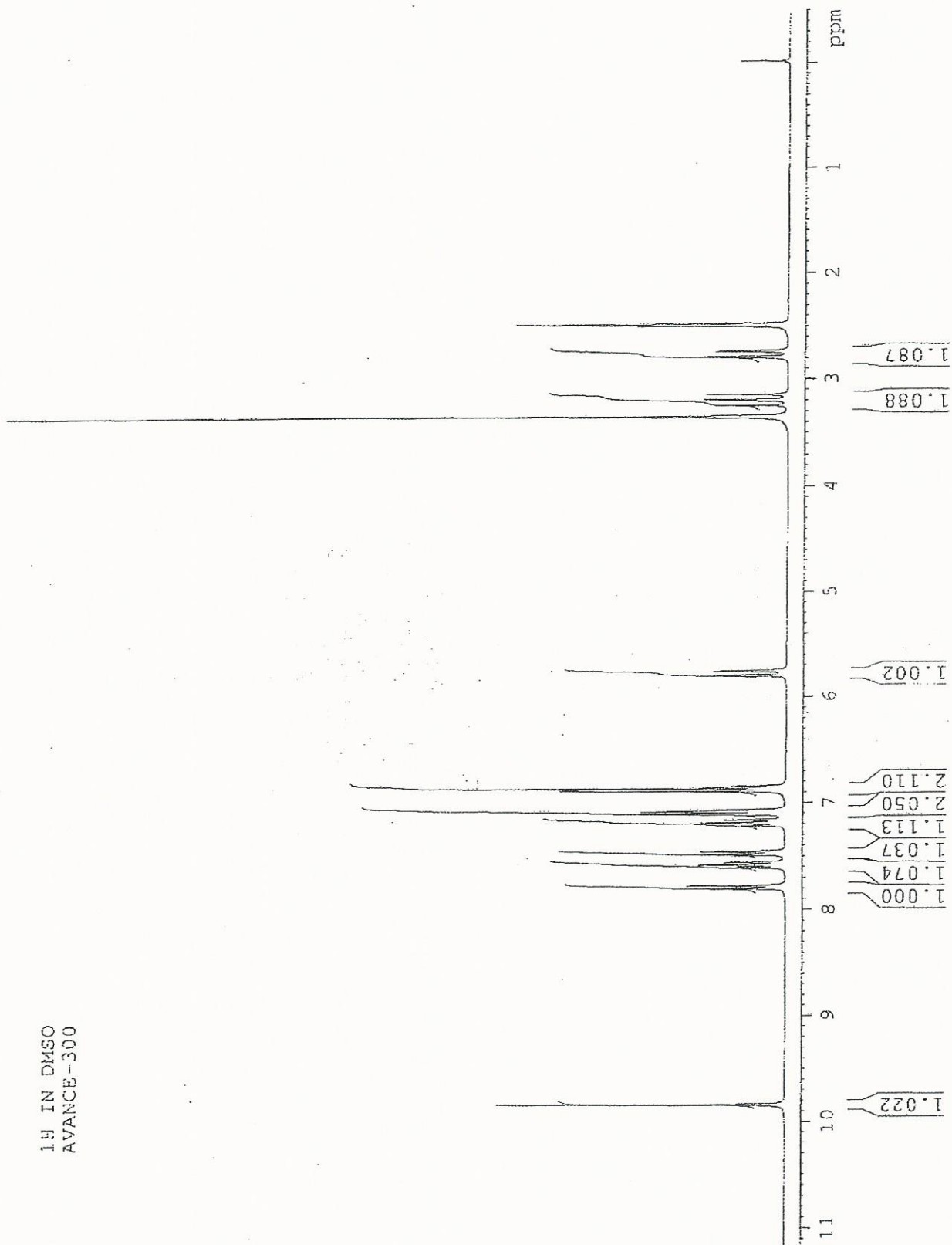


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1H IN DMSO
AVANCE-300





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