



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

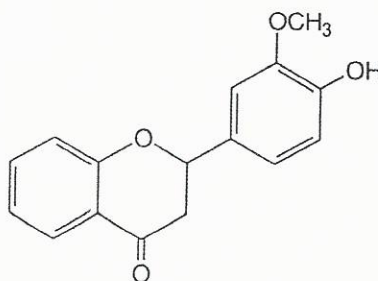
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 22-342

<u>Product:</u>	4'-HYDROXY-3'-METHOXYFLAVANONE
<u>Lot No.:</u>	0204088
<u>Molecular Formula:</u>	C ₁₆ H ₁₄ O ₄
<u>M.W.:</u>	270.29
<u>Melting Point:</u>	172-174°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane:Ethyl acetate (7:3)
<u>Purity(HPLC):</u>	99.57%





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

HPLC ANALYSIS

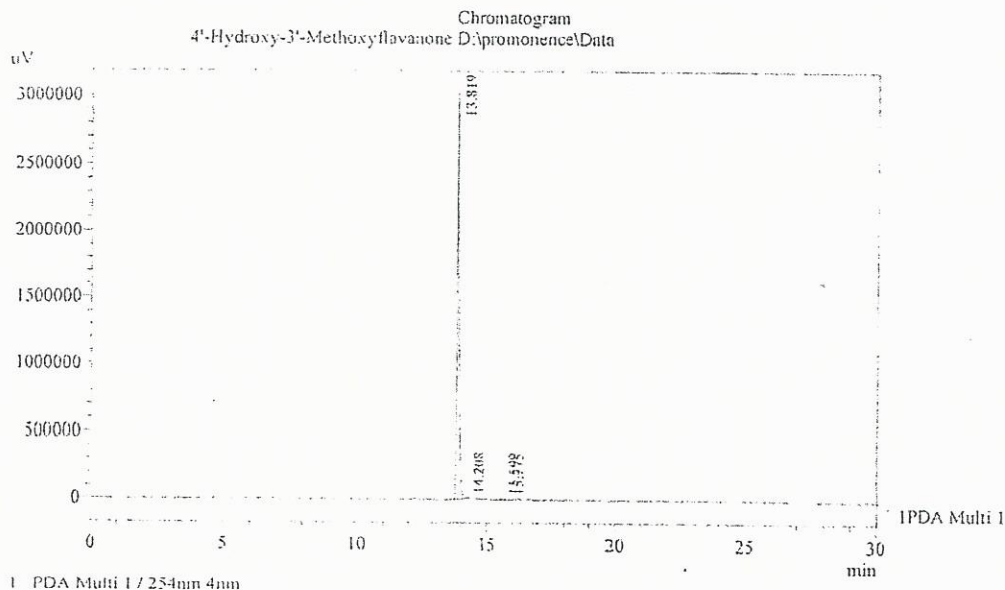
Acquired by : Sanjeev
Sample Name : 4'-Hydroxy-3'-Methoxyflavanone
Sample ID : Lot No.:0204088
Injection Volume : 20 µL
Data Filename : 1102121.fcd
Method Filename : Linear Gradient.M1cm

Catalog No.: 22-342

Product name: 4'-Hydroxy-3'-methoxyflavanone

Lot No.: 0204088

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 IPDA Multi 1 / 254nm 4nm

PeakTable

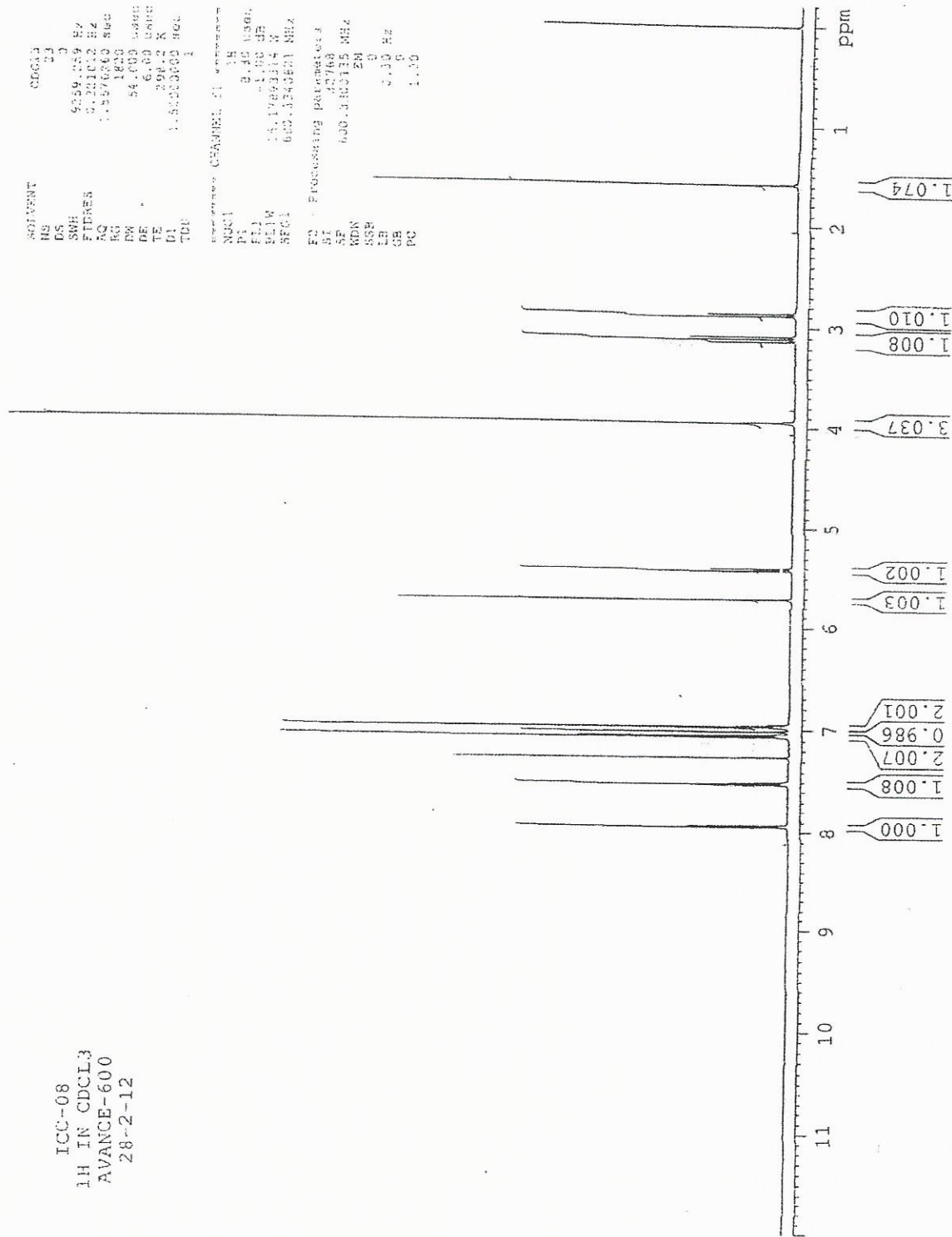
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.819	13.819	17060756	99.57	1.00
2	RT:14.208	14.208	14671	0.09	1.03
3	RT:15.599	15.599	43745	0.26	1.13
4	RT:15.775	15.775	15510	0.09	1.14
Total			17134682	100.00	

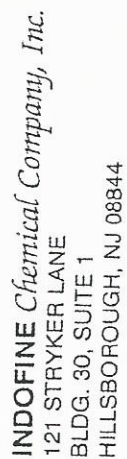


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 22-342
Product name: 4'-Hydroxy-3'-methoxyflavanone
Lot No.: 0204088

ICC-08
1H IN CDCL3
AVANCE-600
28-2-12

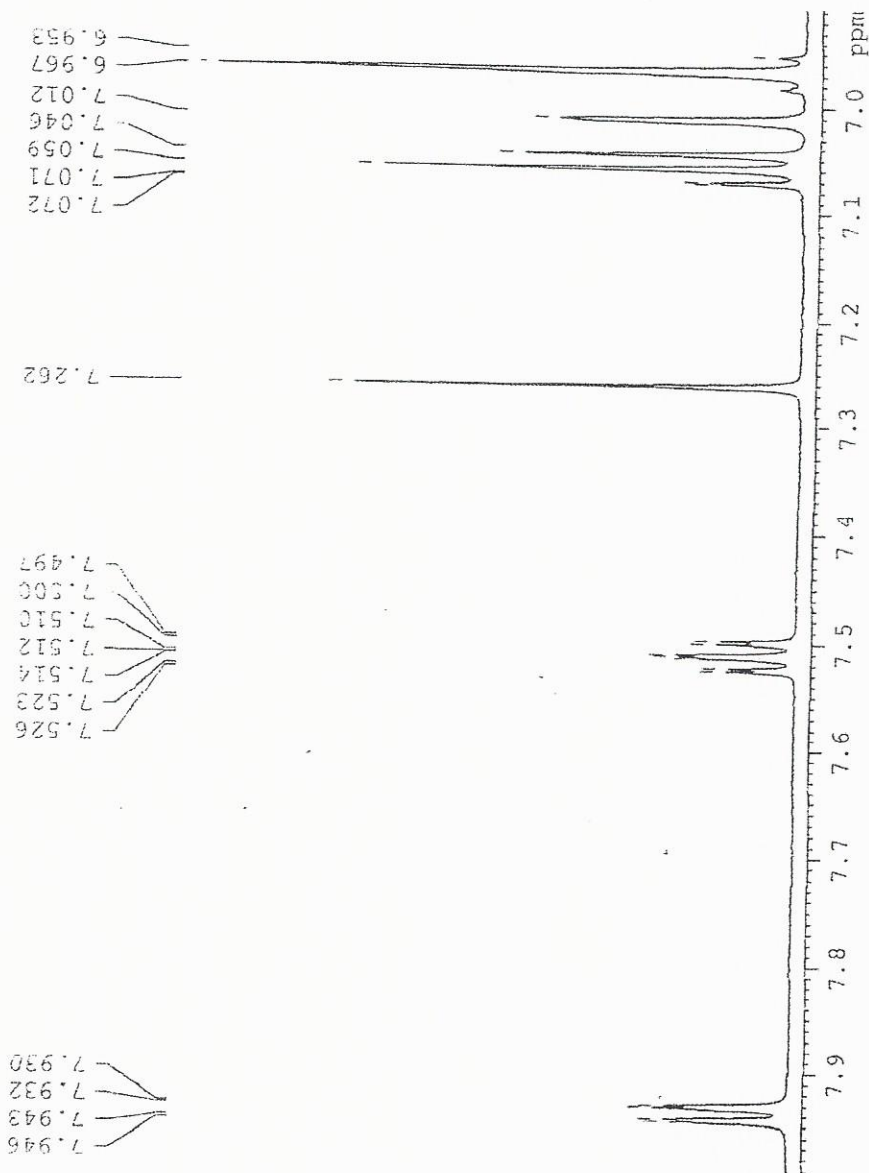




Product name: 4'-Hydroxy-3'-methoxyflavanone
Lot No.: 0204088

ICC-08
1H IN CDC13
AVANCE-600
28-2-12

ACCOUNT	AMOUNT	DATE
PAID	9259.249	8/2
PAID	0.401012	8/2
PAID	1.557820	8/20
PAID	8.820	8/20
PAID	5.000	used
PAID	5.00	used
PAID	248.2	K
PAID	1.50001800	8/20
PAID		

[illegible]



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

Catalog No.: 22-342
Product name: 4'-Hydroxy-3'-methoxyflavanone
Lot No.: 0204088

ICC-08
1H IN CDCL3
AVANCE-600
28-2-12

SOLVENT CDCL3
NS 23
DS 0
SWH 9059.339 Hz
FIDRES 0.32012 Hz
AQ 1.5570260 sec
RG 1820
DN 54.000 kHz
DS 0.00 kHz
TE 300.2 K
D1 1.5000000 sec
D11 1

===== CHANNEL F1 =====
NUC1 1H
P1 1.00 sec
PL1 0.00 dB
PL1W 15.1789314 W
SFO1 600.134281 MHz

===== Processing parameters =====
SI 32768
SF 600.134281 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

5.425
5.420
5.402
5.398

3.135
3.113
3.107
3.085

2.889
2.884
2.860
2.856

