



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.: 19-596

Product: **7-METHOXYISOFLAVONE**

CAS Number: [1621-56-3]

Lot Number: 0303052

Chemical Formula: $C_{16}H_{12}O_3$

Molecular Weight: 252.27

Melting Point: 157-159°C

Appearance: Off white shining powder

TLC: Hexane: Ethyl acetate (7:3)

Solubility: Clear solution in Chloroform

NMR Spectrum: Enclosed

Purity:(HPLC) 98.88%

Storage: Cool dry place



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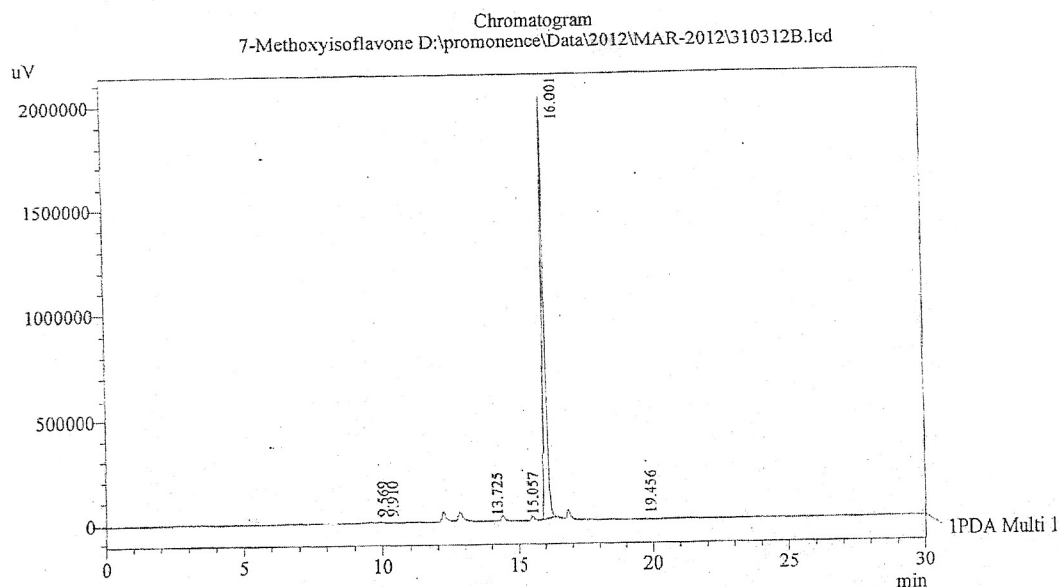
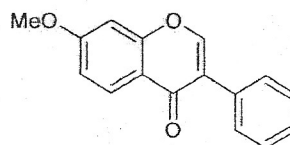
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HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 7-Methoxyisoflavone
Sample ID : Lot NO:-0303052
Injection Volume : 20 uL
Data Filename : 310312B.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: 19-596
Product name: 7-Methoxyisoflavone
Lot No.: 0303052

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
23.0 90 10
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm					
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.569	9.569	48249	0.35	0.60
2	RT:9.910	9.910	79425	0.58	0.62
3	RT:13.725	13.725	2113	0.02	0.86
4	RT:15.057	15.057	9465	0.07	0.94
5	RT:16.001	16.001	13477406	98.88	1.00
6	RT:19.456	19.456	13619	0.10	1.22
Total			13630276	100.00	



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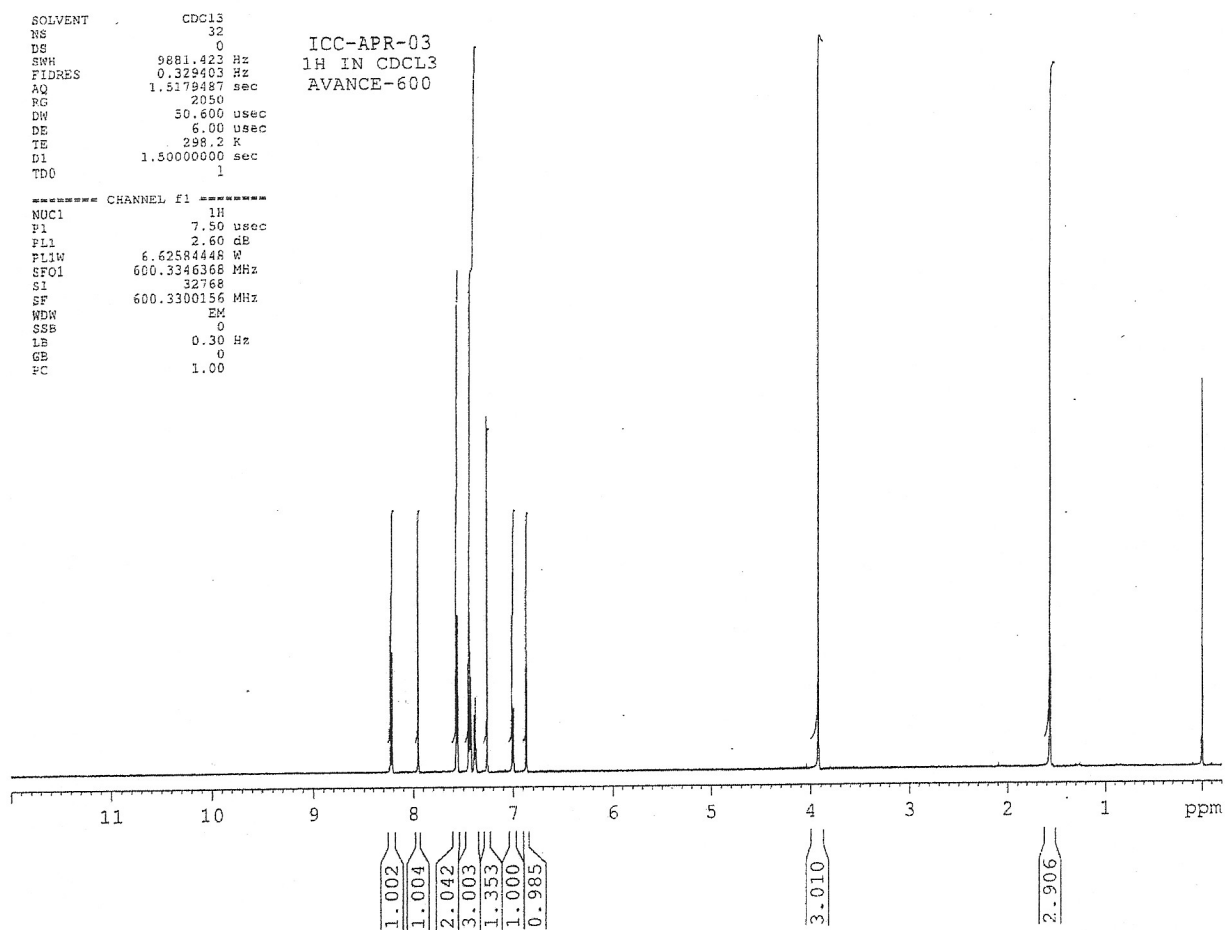
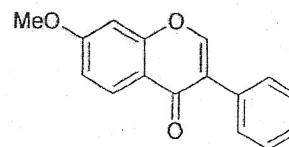
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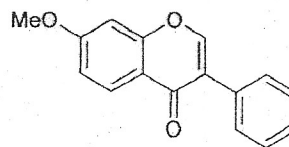
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SOLVENT CDCL3
NS 32
DS 0
SWH 9891.422 Hz
FIDRES 0.329403 Hz
AQ 1.5179487 sec
RG 2050
DW 50.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

ICC-APR-03
1H IN CDCL3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346368 MHz
S1 32768
SF 600.3300156 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

