



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

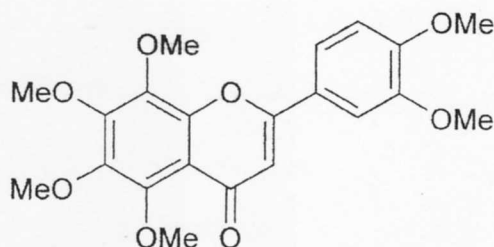
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 06-022N

<u>Product:</u>	NOBILETIN (3',4'-5,6,7,8-Hexamethoxyflavone)
<u>Cas Number:</u>	[478-01-3]
<u>Lot Number:</u>	0710076
<u>Chemical Formula:</u>	C ₂₁ H ₂₂ O ₈
<u>Molecular Weight:</u>	402.40
<u>Melting Point:</u>	132-137°C
<u>Appearance:</u>	Pale yellow powder
<u>TLC:</u>	Chloroform:methanol (9:1)
<u>Solubility:</u>	Soluble in chloroform
<u>Storage:</u>	Cool dry place, away from direct sunlight
<u>Purity(HPLC):</u>	95.19%





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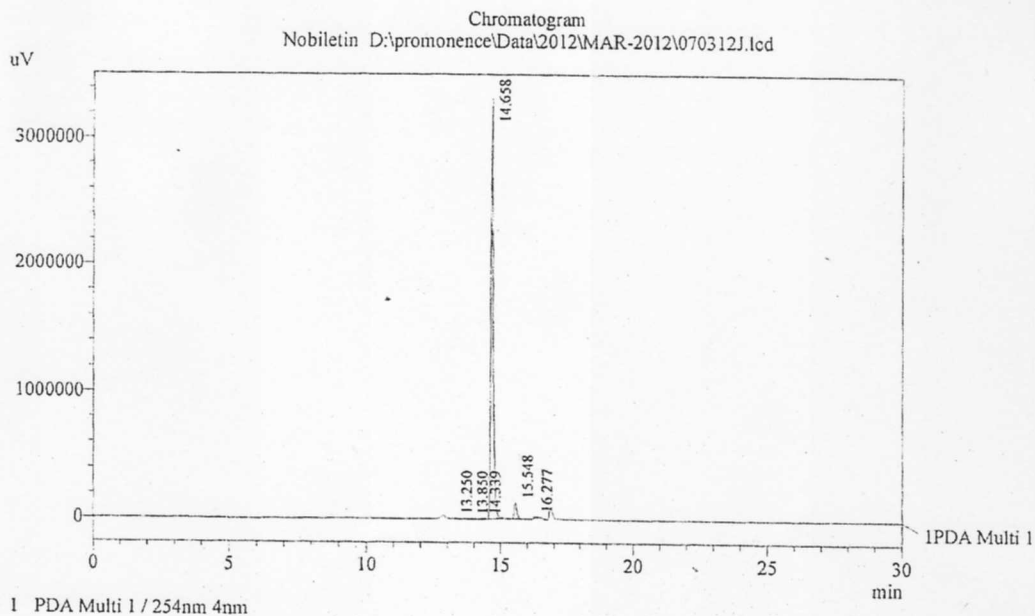
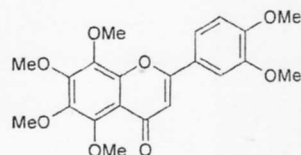
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HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Nobiletin
Sample ID : Lot No:-0710076
Injection Volume : 20 uL
Data Filename : 070312J.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 06-022N
Product name: Nobiletin
Lot No.: 0710076

Date Acquired : 3/7/2012 3:40:10 PM
Data Processed : 3/7/2012 4:22:06 PM
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 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.250	13.250	21676	0.10	0.90
2	RT:13.850	13.850	17121	0.08	0.94
3	RT:14.339	14.339	29037	0.13	0.98
4	RT:14.658	14.658	20537617	95.19	1.00
5	RT:15.548	15.548	900191	4.17	1.06
6	RT:16.277	16.277	70153	0.33	1.11
Total			21575796	100.00	



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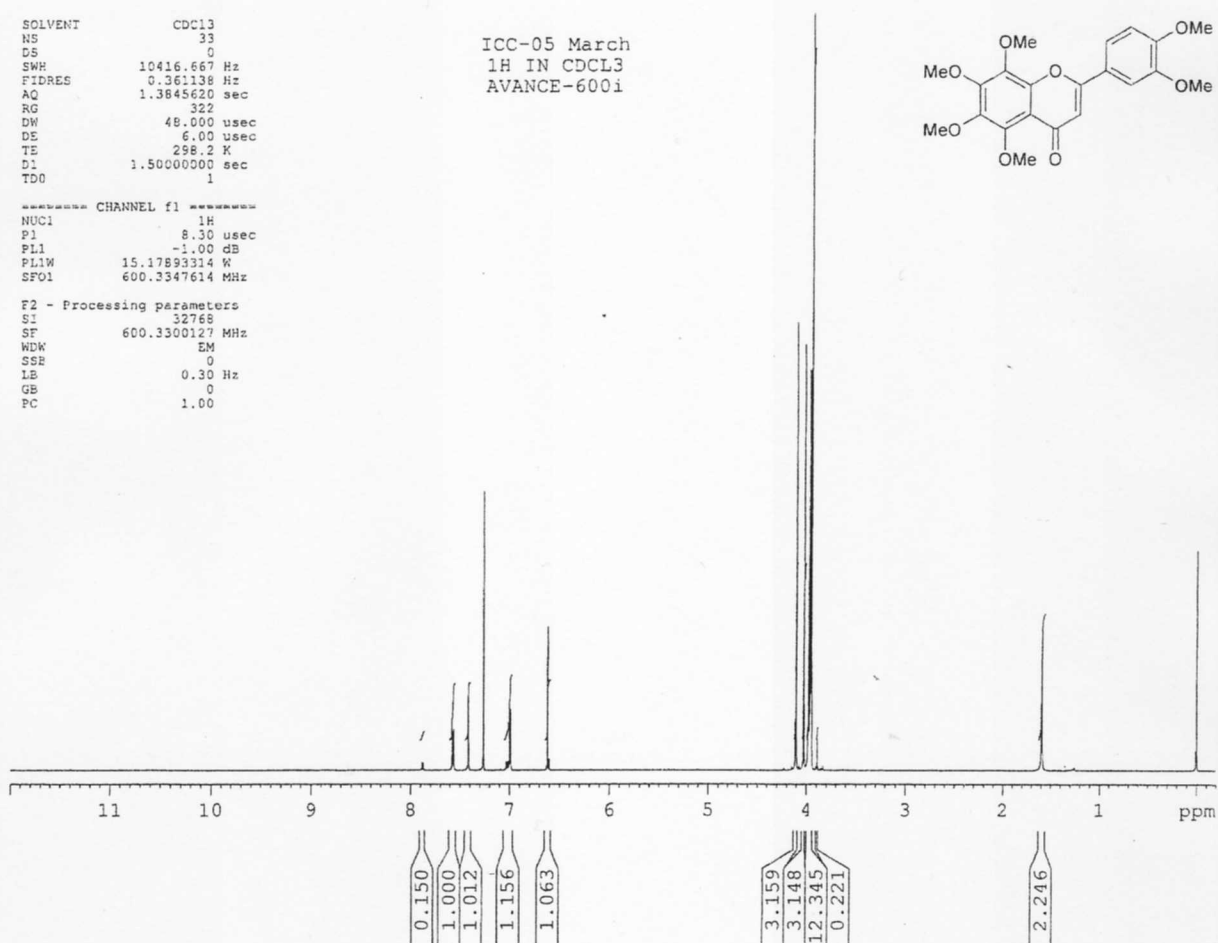
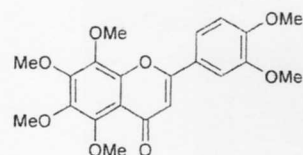
Catalog No.: 06-022N
Product name: Nobiletin
Lot No.: 0710076

SOLVENT CDCL3
NS 33
DS 0
SWH 10416.667 Hz
FIDRES 0.361138 Hz
AQ 1.3845620 sec
RG 322
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

***** CHANNEL f1 *****
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SFO1 600.3347614 MHz

F2 - Processing parameters
SI 32768
SF 600.3300127 MHz
WDW EM
SSE 0
LB 0.30 Hz
GB 0
PC 1.00

ICC-05 March
1H IN CDCL3
AVANCE-600i





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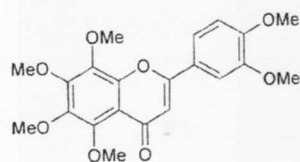
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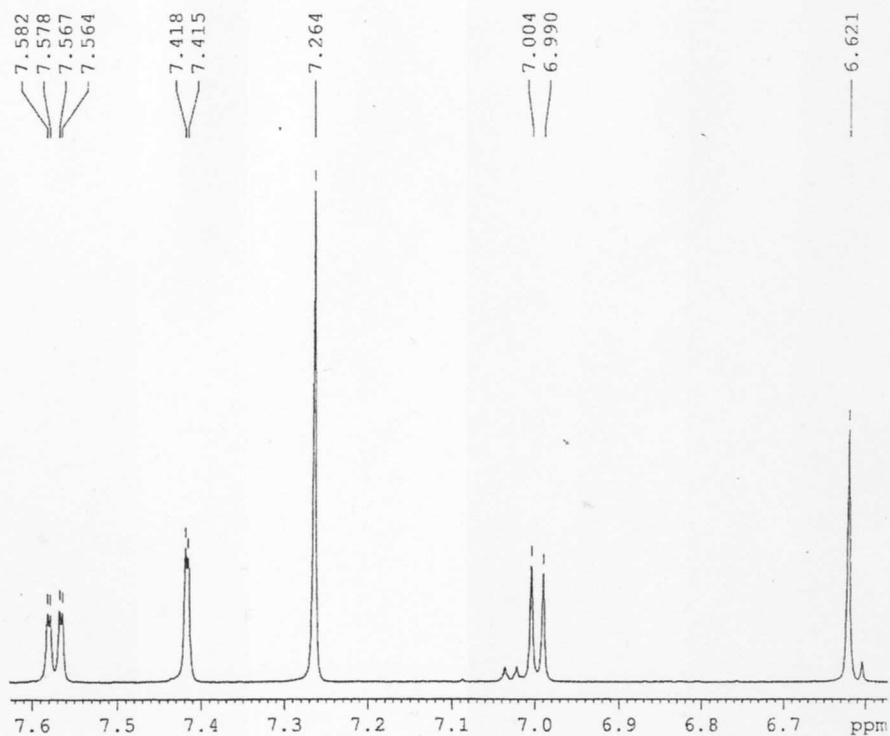


SOLVENT CDC13
NS 33
DS 0
SWH 10416.667 Hz
FIDRES 0.361138 Hz
AQ 1.3845620 sec
RG 322
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-05 March
1H IN CDCL3
AVANCE-600i

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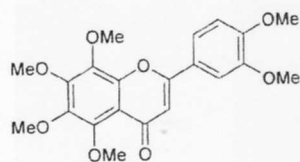
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1H IN CDCL3
AVANCE-600i

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SSB 0
LB 0.30 Hz
GB 0
PC 1.00

