



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: 06-022N

Product Name: **NOBILETIN**
(3',4',5,6,7,8-Hexamethoxyflavone)

CAS Number: [478-01-3]

Lot Number: 1707839

Chemical Formula: C₂₁H₂₂O₈

Molecular Weight: 402.39

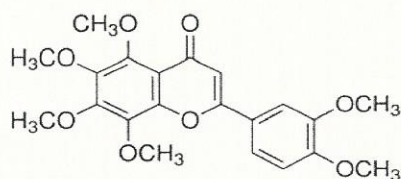
Appearance: White powder

Loss on drying: 0.60%

Solubility: Soluble in chloroform

Storage: Store in a cool, dry place. Protected from light and heat.

Purity(HPLC): 99.15%





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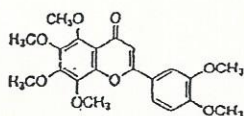
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HPLC ANALYSIS



Catalog No.: 06-022N

Product Name: Nobiletin

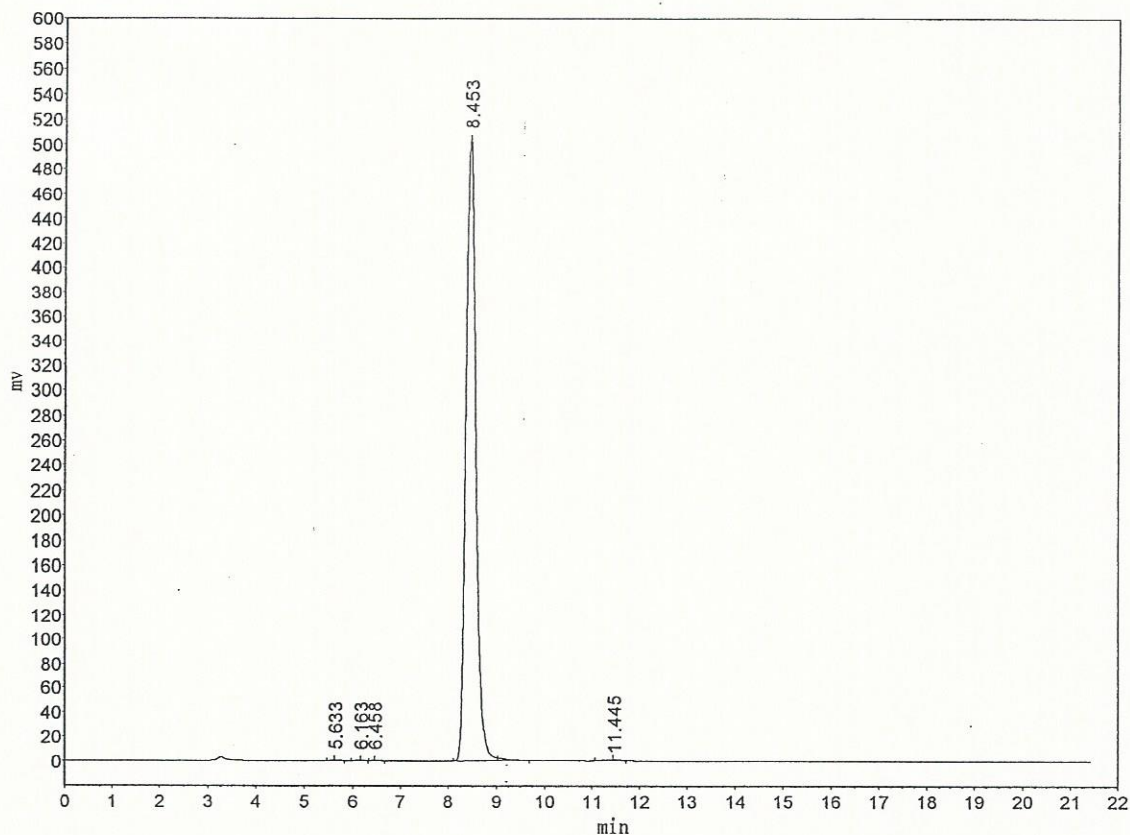
Lot No.: 1707839

Mobile phase : Methanol - (0.03%H₃PO₄) Water 75:25

Flow rate : 0.8 ml/min

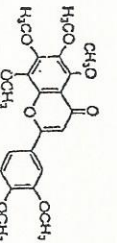
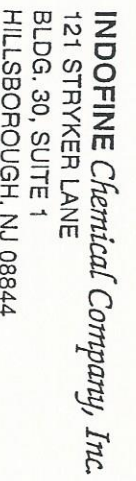
Wavelength : 330nm

Temperature : 25°C

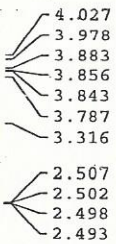
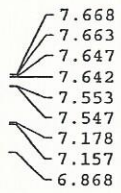


Peak Table

Peak#	RT	Height	Area	%Area
1	5.633	533.571	5531.900	0.0761
2	6.163	299.995	3067.800	0.0422
3	6.458	195.884	1934.050	0.0266
4	8.453	504049.938	7209590.500	99.1522
5	8.453	2385.594	31334.553	0.4309
6	11.445	965.402	19774.699	0.2720
		508430.384	7271233.502	100.0000



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— -0.000

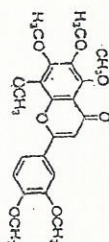


Current Data Parameters

EXNO	PRONO	10	1
F2 - Acquisition Parameters			
Date_	20170712		
Time	20.10		
INSTRUM	DELTA		
PROBHD	5 mm PABBO BB/		
PULPROG	zgpg30		
TD	65536		
SOLVENT	DMSO		
NS	16		
DSH	1.6		
SWH	8231.66 Hz		
FIDRES	0.125481 Hz		
AQ	3.9646307 sec		
RG	197.41		
DM	60.800 usec		
DE	8.00 usec		
D1	25.00 sec		
TD0	1.00000000 1 sec		
***** CHANNEL f1 *****			
NUC1	1H		
PR1	12.40 usec		
PL1	15.8412926 W		
SP01	400.1153043 MHz		
F2 - Processing parameters			
SF	400.1600027 MHz		
SI	65536		
SSB	EM		
LB	0		
GB	0		
CC	0.30 Hz		
1.00			



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7.668
7.663
7.647
7.642
7.553
7.547

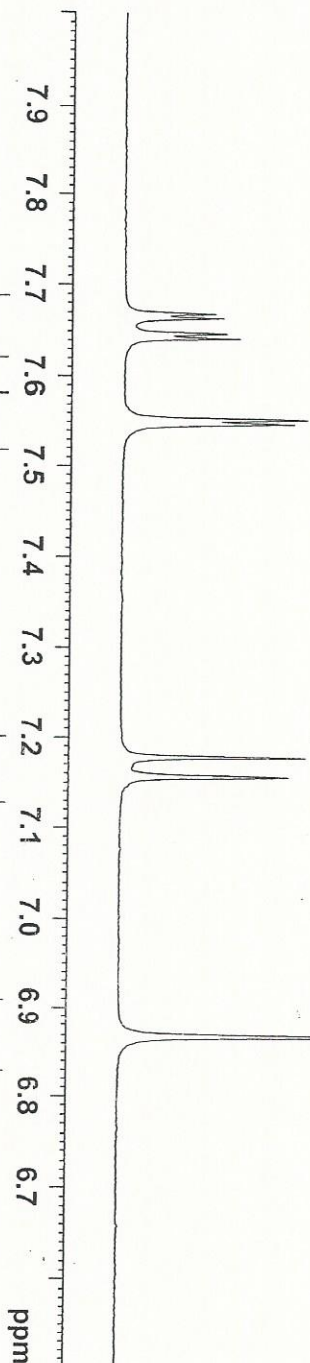
7.178
7.157

6.868



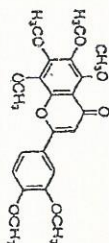
Current Data Parameters

EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20170712
Time 20.19
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.122483 Hz
AQ 3.392343 sec
RG 1974.1
DW 60.800 usec
DE 8.00 usec
TE 299.0 K
D1 1.00000000 sec
TD0 1
***** CHANNEL f1 *****
NUC1 1H
P1 12.80 usec
PL1 15.8489998 W
SFO1 400.1512013 Mhz
F2 - Processing parameters
SI 65536
SF 400.160027 Mhz
WDW EM
SSB 0
GB 0
PC 1.00





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4.027
3.978
3.883
3.856
3.843
3.787

3.316

2.507
2.502
2.498
2.493

4.2 4.1 4.0 3.9 3.8 3.7 3.6 3.5 3.4 3.3 3.2 3.1 3.0 2.9 2.8 2.7 2.6 2.5 2.4 ppm

2.9775
3.0255
2.9481
5.9691
3.0099



Catalog No.: 06-022N
Product Name: Nobiletin
Lot No.: 1707839

Current Data Parameters
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20070723
Time 20.13
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 12
DS 2
SWH 8233.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 197.41
DE 61.400 usec
TE 299.0 K
D1 1.00000000 sec
TD0 1
***** CHANNEL f1 *****
NUC1 13
P1 12.40 usec
PLW1 15.8489998 W
SFO1 400.1632013 MHz
F2 - Processing parameters
SI 65536
SF 400.160000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00