



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: 1705807

Chemical Formula: C₂₁H₂₂O₈

Molecular Weight: 402.39

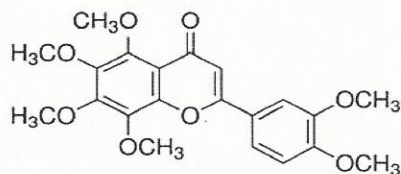
Appearance: White powder

Loss on drying: 0.40%

Solubility: Soluble in chloroform

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

Purity(HPLC): 99.24%





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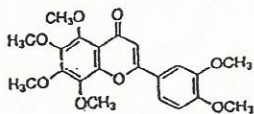
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HPLC ANALYSIS



Catalog No.: 06-022N

Product Name: Nobiletin

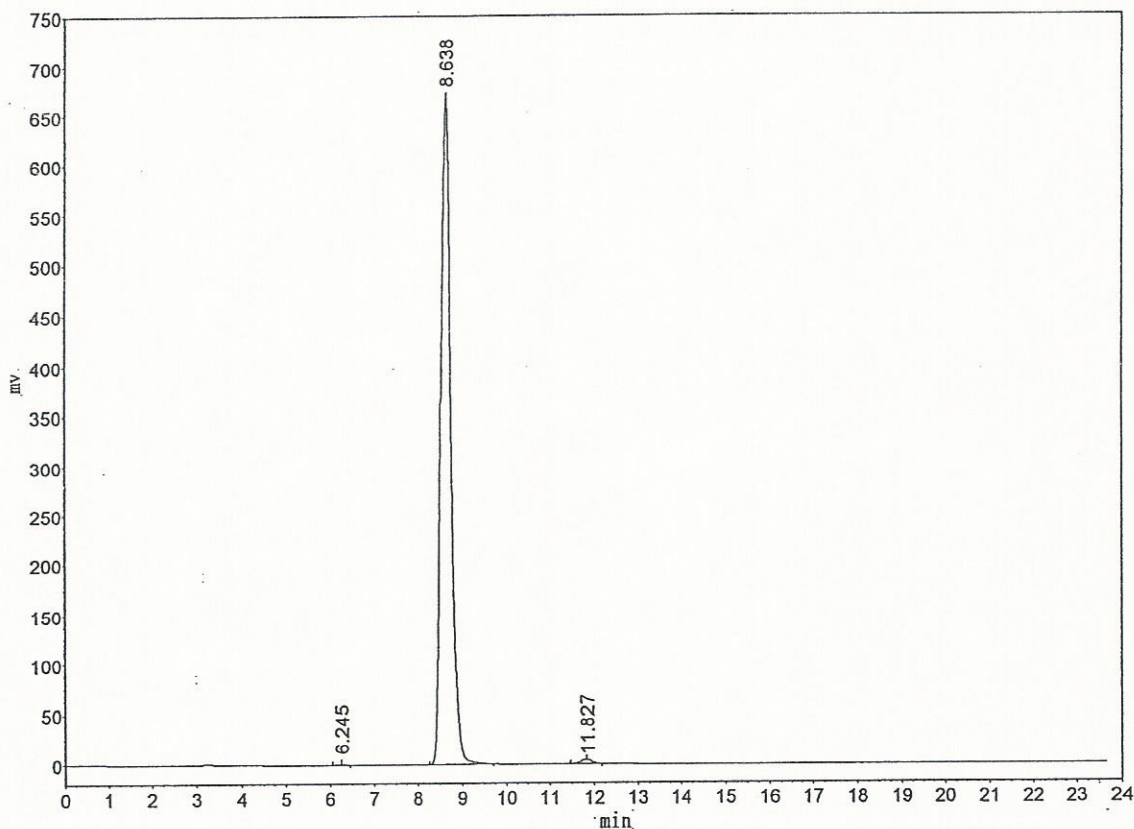
Lot No.: 1705807

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

Flow rate : 0.8 ml/min

Wavelength : 330nm

Temperature : 25°C

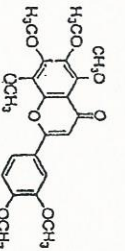


Peak Table

Peak#	RT	Height	Area	%Area
1	6.245	510.595	5669.299	0.0537
2	8.638	669503.563	10475153.000	99.2496
3	11.827	3668.498	73531.500	0.6967
		673682.655	10554353.799	100.0000



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



7.670
7.665
7.649
7.644
7.553
7.548
7.179
7.157
6.875

4.028
3.978
3.883
3.856
3.842
3.787
3.326

2.508
2.503
2.499

-0.000



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Product Name: Nobiletin
Lot No.: 1705807

Current Data Parameters
EXNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20170424
Time 20:40
INSTRUM spect
PROBHD 5 mm PABBO 2510
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
AQ 8231.682 Hz
FIDRES 0.125483 Hz
RG 3.9846387 sec
RG 197.41
DE 60.800 usec
DE 25.14
DI 1.00000000 sec
TD0 1
===== CHANNEL f1 =====
NUC1 1H
P1 12.40 usec
PL1 15.8489998 Hz
SFO1 400.152013 MHz
F2 - Processing parameters
SI 65536
SF 400.150013 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

