



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.: C-101

Product:

MYRICETIN

(Cannabiscetin; 3,5,7,3',4',5'-Hexahydroxyflavone)

CAS Number:

[529-44-2]

Lot Number:

13751

Chemical Formula:

C₁₅H₁₀O₈

Molecular Weight:

318.25

Appearance:

Greenish yellow powder

Solubility:

Soluble in DMSO

TLC:

Chloroform:Methanol:AcOH (8.5:1.5:0.1)

NMR Spectrum:

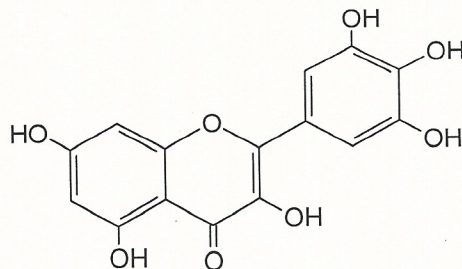
Enclosed

Storage:

Cool dry place

Purity (HPLC):

98.13%





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

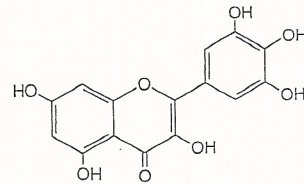
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

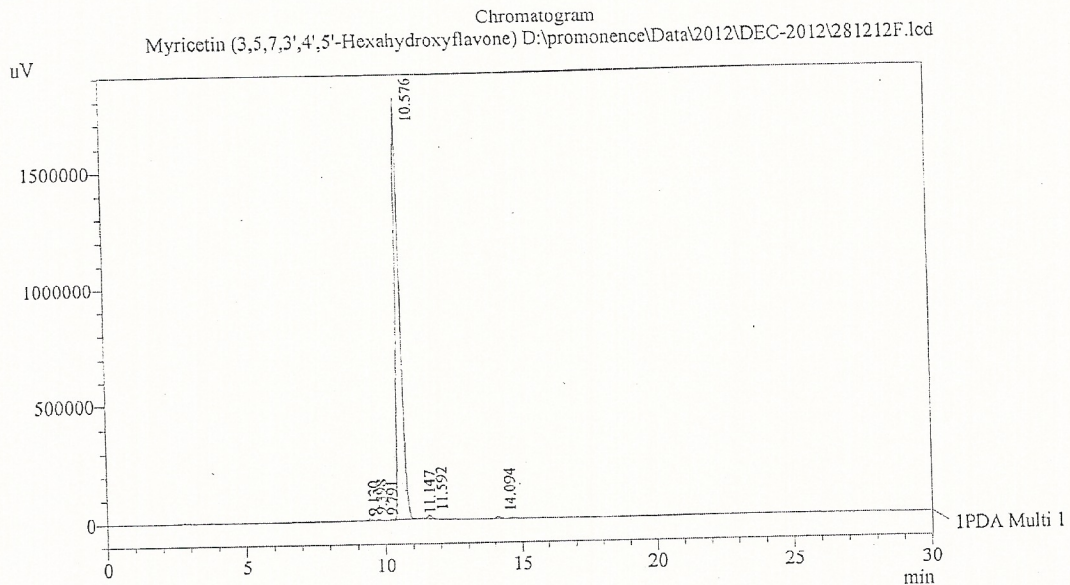
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : Myricetin (3,5,7,3',4',5'-Hexahydroxyflavone)
 Sample ID : Lot No:-13751
 Injection Volume : 20 uL
 Data Filename : 281212F.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog no.: C-101
 Product name: Myricetin
 Lot No.: 13751



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
 Diluent : Methanol



1 PDA Multi 1 / 254nm 4nm

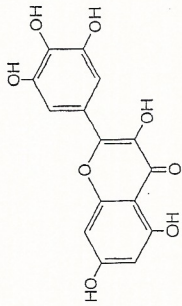
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.130	9.130	17643	0.09	0.86
2	RT:9.398	9.398	86443	0.42	0.89
3	RT:9.791	9.791	32861	0.16	0.93
4	Myricetin	10.576	20310648	98.13	1.00
5	RT:11.147	11.147	52	0.00	1.05
6	RT:11.592	11.592	144329	0.70	1.10
7	RT:14.094	14.094	104674	0.51	1.33
Total			20696649	100.00	



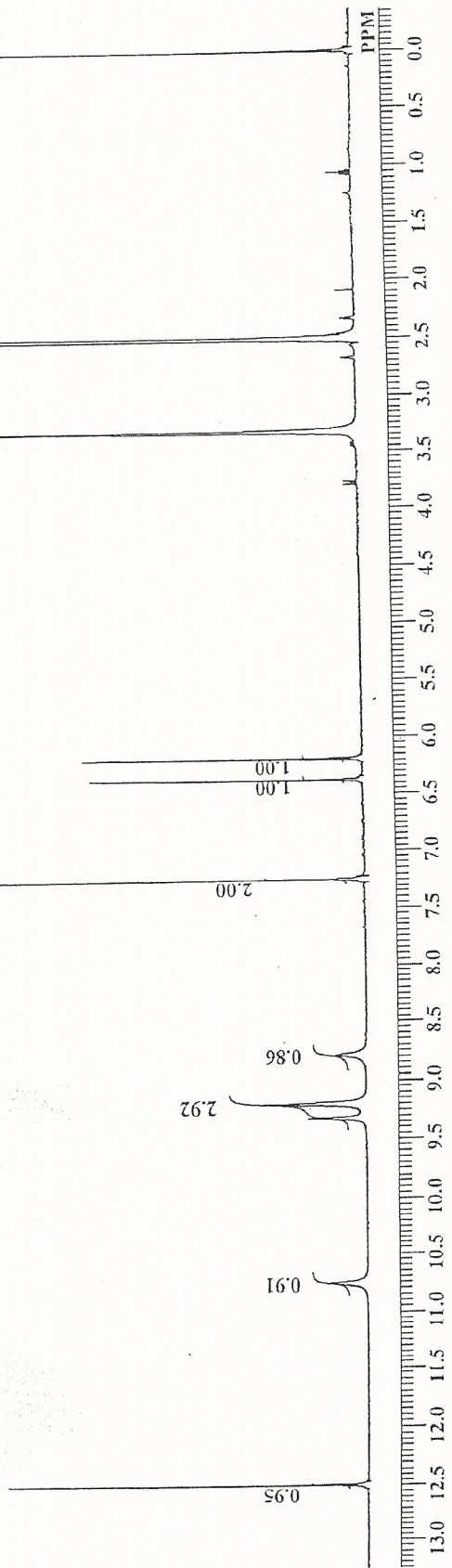
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog no.: C-101
Product name: Myricetin
Lot No.: 13751



ICC-DEC-12 1H NMR DMSO-d6
Analysed By : MSR

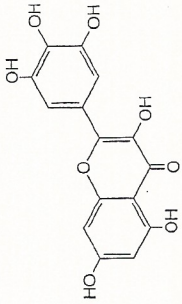
DFILE ICC-DEC-12 1H.als
COMINT ICC-DEC-12 1H NMR DMSO-d
DATIM Thu Jan 03 14:27:16 2013
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTIM 8.2002 sec
PD 3.0000 sec
PWI 6.00 usec
IRNUC 1H
CTEMP 24.1 c
SLVNT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 19





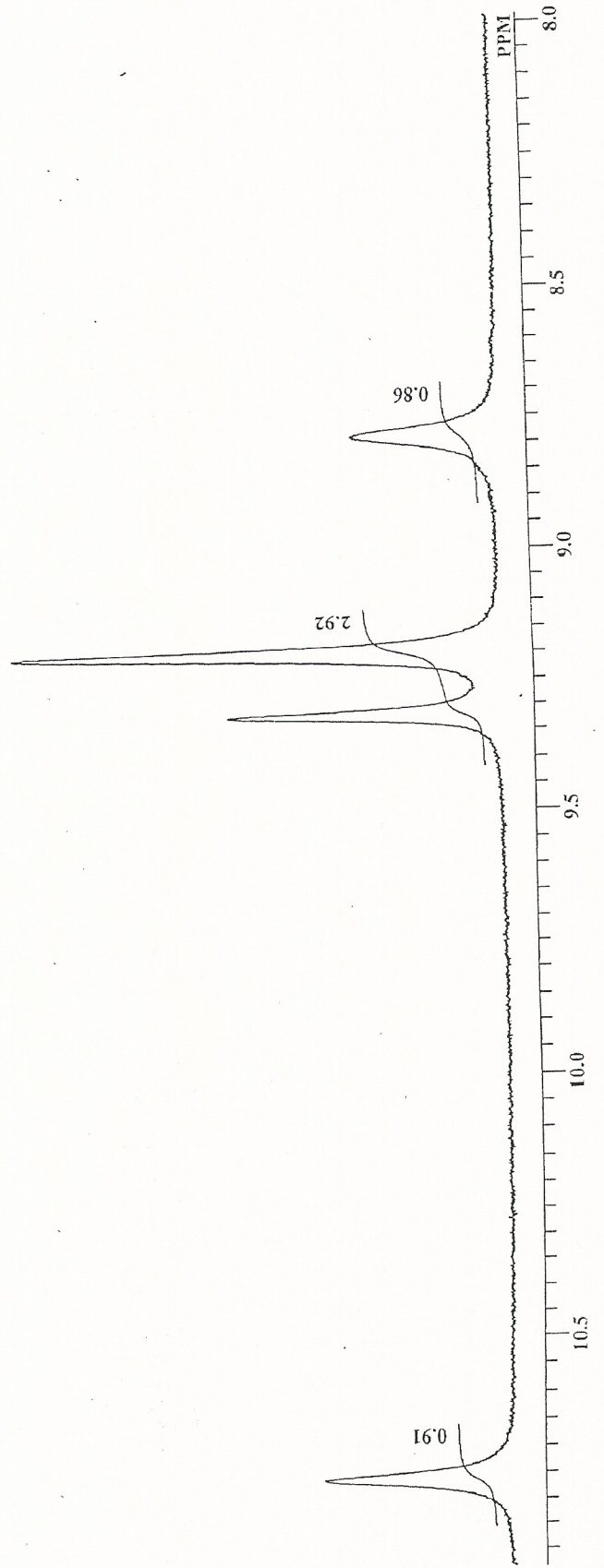
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog no.: C-101
Product name: Myricetin
Lot No.: 13751



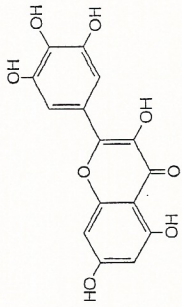
ICC-DEC-12 1H NMR DMSO-d6
Analysed By: MSR

DFILE ICC-DEC-12 1H.nls
COMNT ICC-DEC-12 1H NMR DMSO-d6
DATIM Thu Jan 03 14:27:16 2013
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 6.00 usec
IRNUC 1H
CTEMP 24.1 c
SLVNT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 19





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



Catalog no.: C-101
Product name: Myricetin
Lot No.: 13751

ICC-DEC-12 1H NMR DMSO-d6
Analysed By : MSR

DFILE ICC-DEC-12 1H.n1s
COMNT ICC-DEC-12 1H NMR DMSO-d6
DATIM Thu Jan 03 14:27:16 2013
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 6.00 usec
IRNUC 1H
CTEMP 24.1 c
SLVNT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 19

