



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

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CERTIFICATE OF ANALYSIS

Cat No.: C-101

Product: **MYRICETIN**
(Cannabiscetin; 3,5,7,3',4',5'-Hexahydroxyflavone)

CAS Number: [529-44-2]

Lot Number: 0708067

Chemical Formula: C₁₅H₁₀O₈

Molecular Weight: 318.24

Melting Point: Above 290°C

Appearance: Greenish yellow color powder

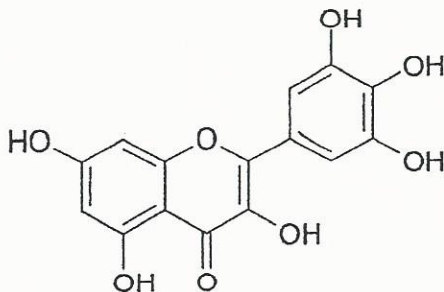
Solubility: Soluble in DMSO

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

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity (HPLC): 98.04%





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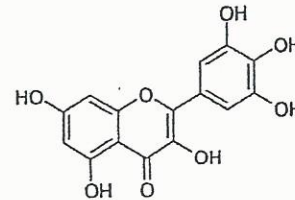
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HPLC ANALYSIS

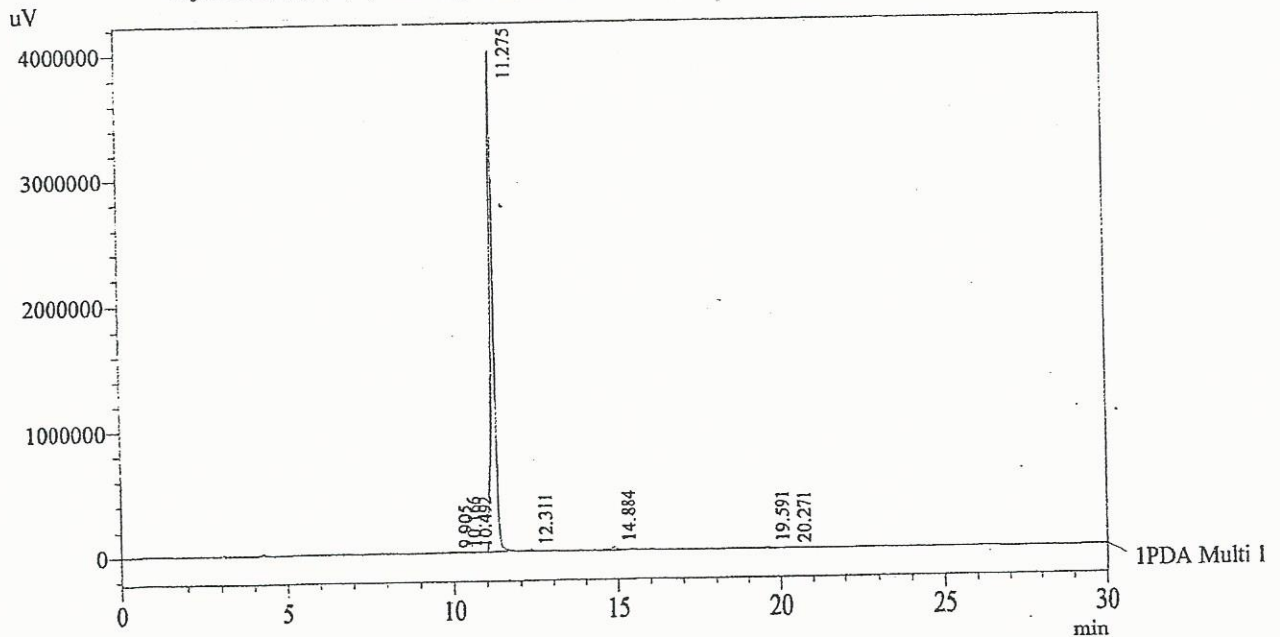
Acquired by : Sanjeev
 Sample Name : Myricetin (3,5,7,3',4',5'-Hexahydroxyflavone)
 Sample ID : Lot No:- 0708067
 Injection Volume : 20 uL
 Data Filename : 110513G.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: C-101
 Product name: Myricetin
 Lot No.: 0708067



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

Chromatogram
 Myricetin (3,5,7,3',4',5'-Hexahydroxyflavone) D:\promonence\Data



1 PDA Multi 1 / 254nm 4nm

PeakTable

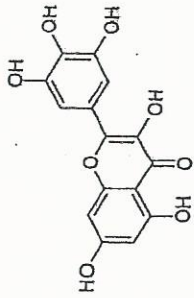
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.905	9.905	8405	0.03	0.88
2	RT:10.166	10.166	30747	0.11	0.90
3	RT:10.492	10.492	10260	0.04	0.93
4	Myricetin	11.275	28669159	98.04	1.00
5	RT:12.311	12.311	117514	0.40	1.09
6	RT:14.884	14.884	292441	1.00	1.32
7	RT:19.591	19.591	83507	0.29	1.74
8	RT:20.271	20.271	31068	0.11	1.80
Total			29243102	100.00	



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Catalog No.: C-101
Product name: Myricetin
Lot No.: 0708067



SOLVENT DMSO
NS 32
DS 0
SWH 9803.922 Hz
FIDRES 0.326819 Hz
AQ 1.5299480 sec
RG 22.6
DW 51.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN DMSO
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SF01 600.3345228 MHz
SI 32768
SF 600.3300108 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

