



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

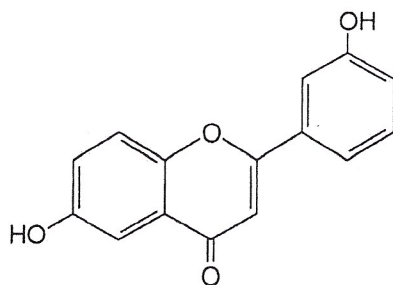
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: D-410

<u>Product:</u>	6,3'-DIHYDROXYFLAVONE
<u>Lot No.:</u>	0012276
<u>Molecular Formula:</u>	C ₁₅ H ₁₀ O ₄
<u>Molecular Weight:</u>	254.25
<u>Melting Point:</u>	>270°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Chloroform:Methanol (9:1)
<u>Purity(HPLC):</u>	98.38%





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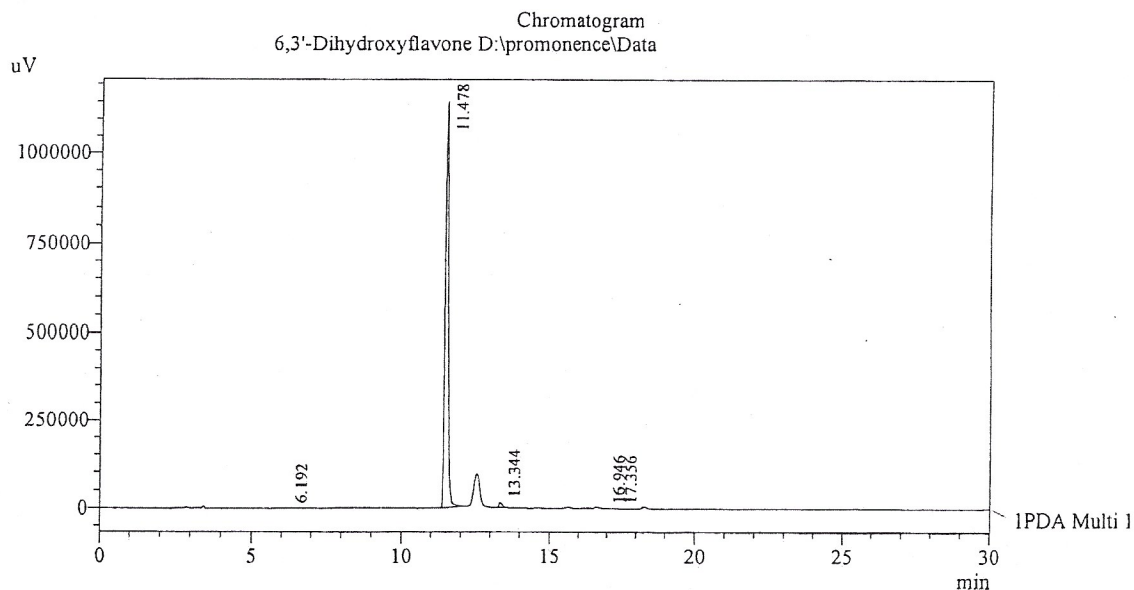
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HPLC ANALYSIS

Acquired by	: Sanjeev	Cat. No.:	D-410
Sample Name	: 6,3'-Dihydroxyflavone	Product name:	6,3'-Dihydroxyflavone
Sample ID	: Lot No:- 0012276	Lot No.:	0012276
Injection Volume	: 20 uL		
Data Filename	: 151211G.lcd		
Method Filename	: Linear Gradient.M.lcm		

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



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

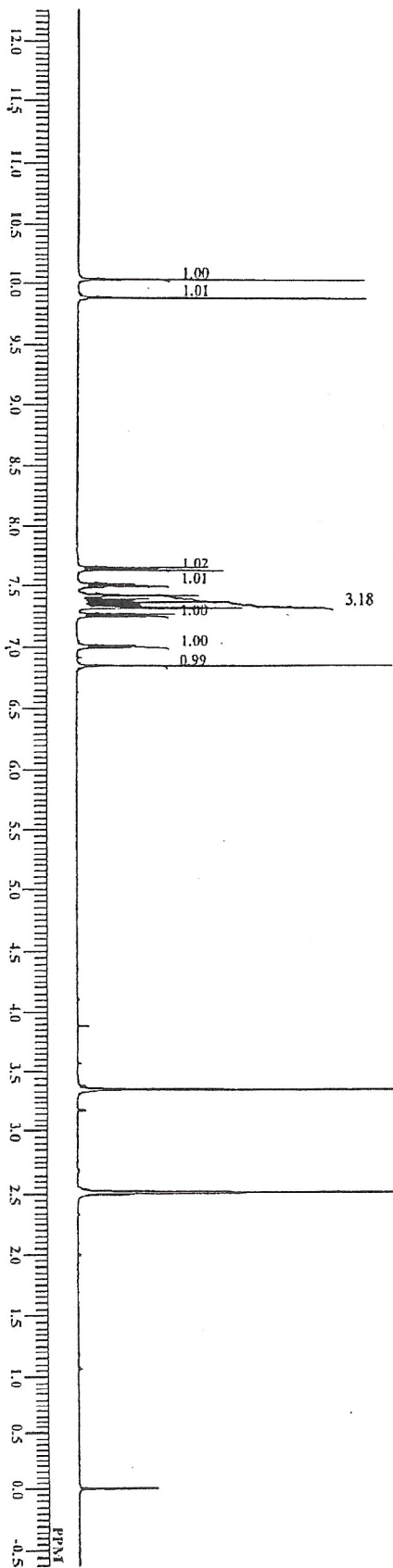
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:6.192	6.192	17613	0.20	0.54
2	RT:11.478	11.478	8776338	98.38	1.00
3	RT:13.344	13.344	115378	1.29	1.16
4	RT:16.946	16.946	6425	0.07	1.48
5	RT:17.356	17.356	4758	0.05	1.51
Total			8920512	100.00	



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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

ICC-4 1H NMR DMSO-D6
Cat. No.: D-410
Product name: 6,3'-Dihydroxyflavone
Lot No.: 0012276

DEFILE ICC-4als
COMINT ICC-4 1H NMR DMSO
ORNTC 1H
EXMOD NON
DIRKQ 399.65 MHz
OBSSET 124.00 kHz
OBSFLN 10500.00 Hz
POINT 65536
PRBQDU 7992.01 Hz
SCANS 16
AQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNLC 1H
CTEMP 24.0 c
SLVNT DMSO
EXRRF 0.00 ppm
DF 0.30 Hz
RGAIN 22





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ICC-4 1H NMR DMSO-D6

Cat. No.: D-410
Product name: 6,3'-Dihydroxyflavone
Lot No.: 0012276

DRIF: ICC-4-ah
COMNT: ICC-4 1H NMR D
ORNUC: 1H
EXMID: NON
OHRRO: 199.65 KHz
ORSET: 124.00 KHz
OHPIN: 10500.00 Hz
POINTP: 65536
PREOU: 7992.01 Hz
SCANS: 16
ACQTM: 8.2002 sec
PD: 3.0000 sec
PWL: 5.00 usec
IRNUC: 1H
CTEMP: 24.0 c
SLVNT: DMSO
EXREF: 0.60 ppm
BF: 0.30 Hz
RGAIN: 22

