



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

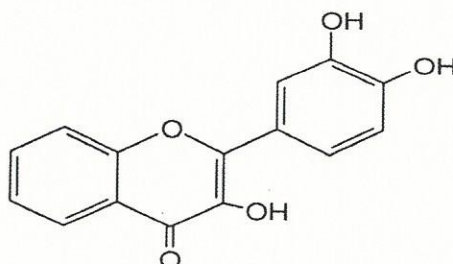
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: T-601

<u>Product:</u>	3,3',4'-TRIHYDROXYFLAVONE (3',4'-Dihydroxyflavonol)
<u>CAS No.:</u>	[6068-78-6]
<u>Lot Number:</u>	0901001
<u>Chemical Formula:</u>	C ₁₅ H ₁₀ O ₅
<u>Molecular Weight:</u>	270.24
<u>Melting Point:</u>	>270°C
<u>Appearance:</u>	Yellow powder
<u>TLC:</u>	Chloroform : Methanol (9.5 : 0.5)
<u>Solubility:</u>	Soluble in DMSO
<u>Storage:</u>	Cool dry place
<u>Purity(HPLC):</u>	99.76%





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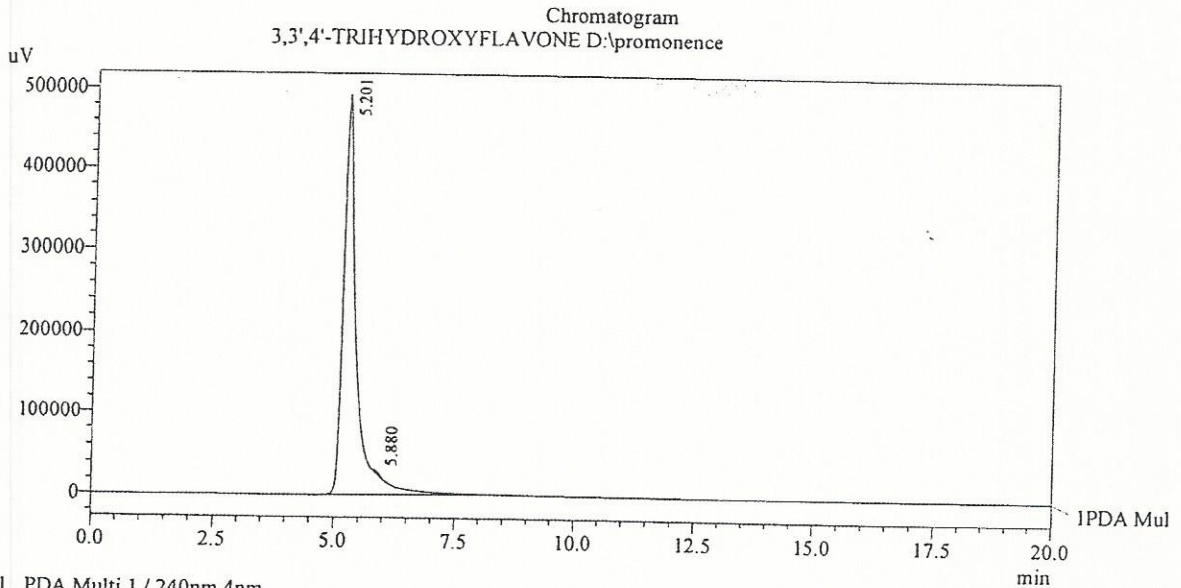
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HPLC ANALYSIS

Acquired by	: Madhuri	Cat. No.:	T-601
Sample Name	: 3,3',4'-TRIHYDROXYFLAVONE	Product name:	3,3',4'-Trihydroxyflavone
Sample ID	: Lot No: 0901001	Lot No.:	0901001
Injection Volume	: 20 uL		
Data Filename	: 180111D.lcd		
Method Filename	: Linear Isocratic.M.lcm		

Description:
 Column : Inertsil C-18, 250X4.6mm 5.0µm
 Flow : 1.000ML/min.
 Mobile Phase : A(50% of 0.05% TFA) B(50% of ACN)



1 PDA Multi 1 / 240nm 4nm

PeakTable

PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	5.201	9162969	491755	99.765
2	5.880	21585	2838	0.235
Total		9184554	494593	100.000



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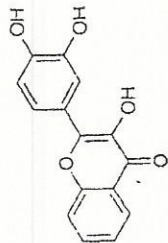
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

3,3',4'-THF 1H NMR DMSO-D6

Cat. No.: T-601

Product name: 3,3',4'-Trihydroxyflavone

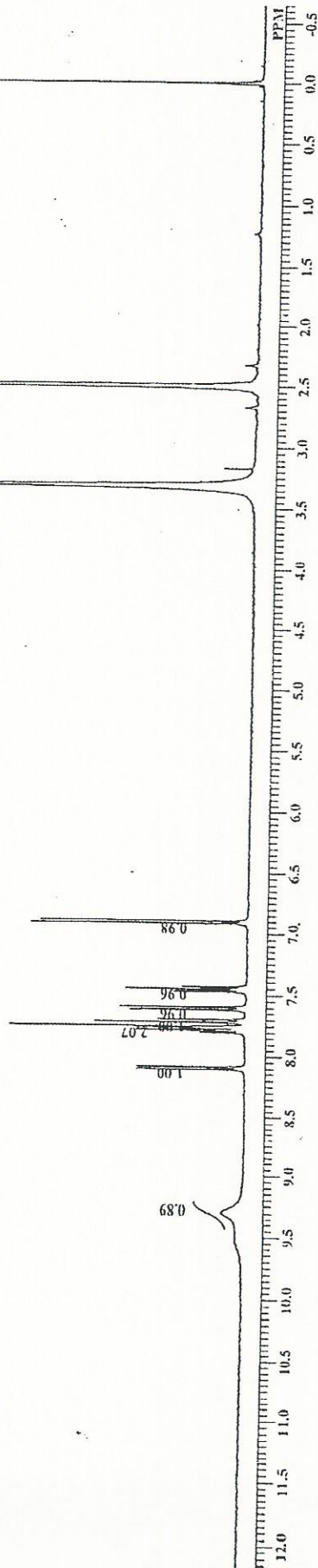
Lot No.: 0901001



3,3',4'-Trihydroxy Flavone

1 of 2

OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
FOUNT 65536
FRFQU 7992.01 Hz
SCANS 8
ACQTM 8.2002 sec
PD 3.0000 sec
PVI 5.60 usec
IRNUC 1H
CTEMP 23.6 c
SLANT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 20





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3,3'-THF 1H NMR DMSO-D6

Cat. No.: T-601

Product name: 3,3',4'-Trihydroxyflavone

Lot No.: 0901001

2 of 2

OBNUC 1H
EXMOD NON
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OBSET 124.00 kHz
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FREQU 7992.01 Hz
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ACQTM 8.2002 sec
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SLVNT DMSO
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