

ICC **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: 22-318

Product Name: **3,6,2',3'-TETRAHYDROXYFLAVONE**

Lot Number: 0007176

Chemical Formula: C₁₅H₁₀O₆

Molecular Weight: 286.25

Melting Point: 271-272°C

Appearance: Pale yellow powder

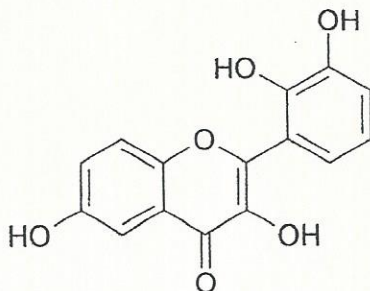
Solubility: Soluble in DMSO

TLC: Chloroform : Methanol (1:1)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.54%





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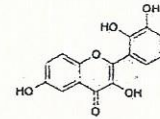
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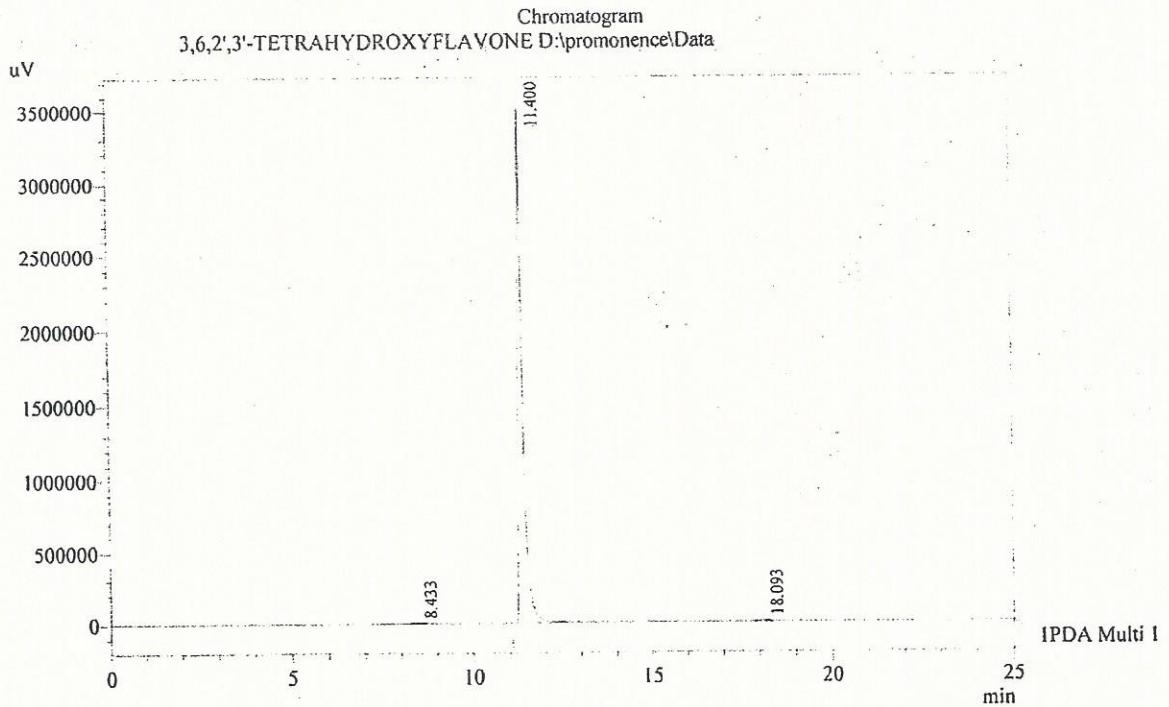
HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 3,6,2',3'-TETRAHYDROXYFLAVONE
 Sample ID : Lot No:0007176
 Injection Volume : 20 uL
 Data Filename : 291015G.lcd
 Method Filename : Linear Gradient M.lcm

Catalog No.: 22-318
 Product Name: 3,6,2',3'-Tetrahydroxyflavone
 Lot No.: 0007176



Column : Gemini 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
 25.0 90 10
 Diluent :Methanol



1 PDA Multi 1 / 254nm 4nm

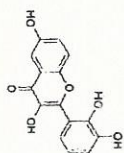
PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.433	8.433	50979	0.16	0.74
2	3,6,2',3'-Tetrahydroxyflavon	11.400	31248682	99.54	1.00
3	RT:18.093	18.093	92633	0.30	1.59
Total			31392293	100.00	



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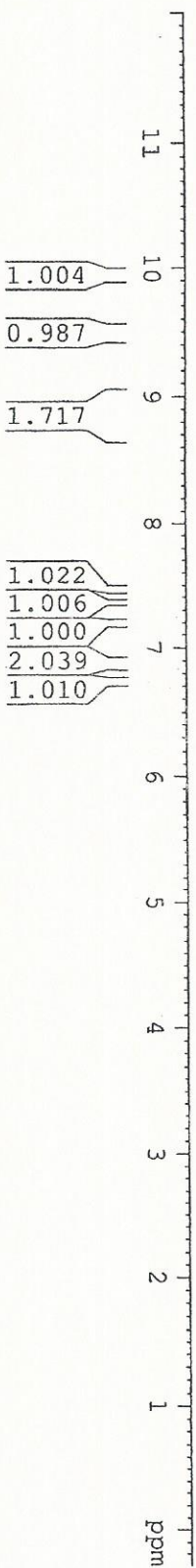


Catalog No.: 22-318
Product Name: 3,6,2',3'-Tetrahydroxyflavone
Lot No.: 0007176

SOLVENT DMSO
NS 8
DS 0
SMH 11094.675 Hz
FIDRES 0.333354 Hz
AQ 1.4999588 sec
RG 57
RC 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1:50000000 sec
TDO 1

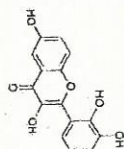
1H IN DMSO
AVANCE-600

***** CHANNEL f1 *****
NUC1 1H
P1 7.50 usec
PL1 2.57 dB
PL1W 6.0912809 W
SFO1 600.3346850 MHz
SI 32758
SF 600.3300124 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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 NS 8
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 SMH 11094.675 Hz
 FTDRS 0.333354 Hz
 FQ 1.4999588 sec
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 TE 298.2 K
 DL 1.50000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUCL1 1H
 P1 7.50 usec
 PL1 2.97 dB
 PL1W 6.09128609 W
 SFO1 600.3346850 MHz
 SI 32768
 SF 600.3300124 MHz
 MDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1H IN DMSO
 AVANCE-600

