



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: T-411

Product Name: **7,8,3'-TRIHYDROXYFLAVONE**

CAS Number: [137502-84-2]

Lot Number: 0201033

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.25

Melting Point: >280°C

Appearance: Pale brown crystalline powder

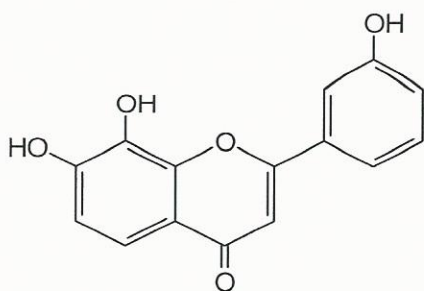
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.75%





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

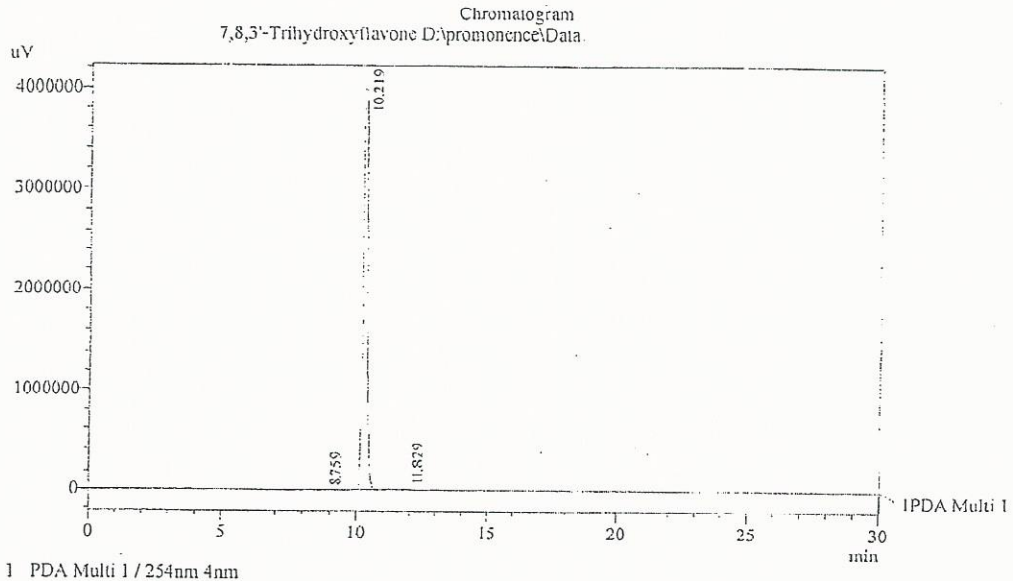
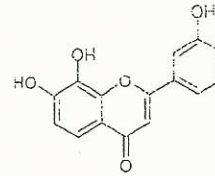
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 7,8,3'-Trihydroxyflavone
Sample ID : Lot No:-0201033
Injection Volume : 20 uL
Data Filename : 281212D.Jed
Method Filename : Linear Gradient.M.lcm

Catalog no.: T-411
Product name: 7,8,3'-Trihydroxyflavone
Lot No.: 0201033

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



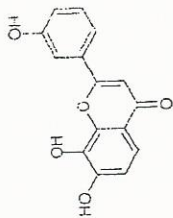
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.759	8.759	11921	0.03	0.86
2	7,8,3'-Trihydroxyflavone	10.219	46324539	99.75	1.00
3	RT:11.829	11.829	105589	0.23	1.16
Total			46442049	100.00	



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

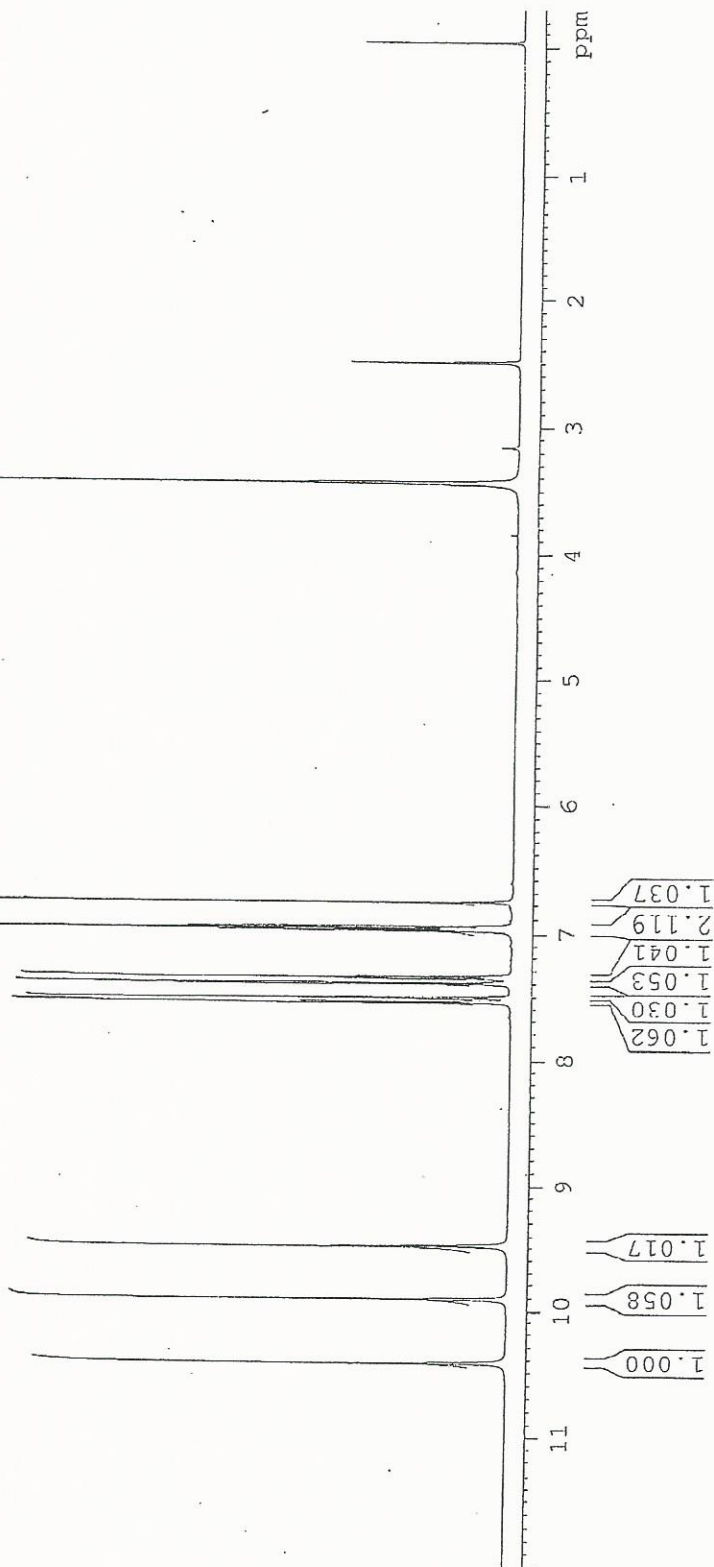
Catalog no.: T-411
Product name: 7,8,3'-Trihydroxyflavone
Lot No.: 0201033



SOLVENT DMSO
NS 8
DS 0
SWH 11029.412 Hz
FIDRES 0.367672 Hz
AQ 1.3599594 sec
RG 29.74
DW 45.333 uscc
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

1H IN DMSO
AVANCE-600

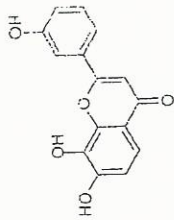
===== CHANNEL f1 =====
NUC1 1H
Y1 7.50 usec
FL1 2.60 dB
PL1W 6.62589448 W
SFOL 600.3345152 MHz
SI 32768
JF 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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

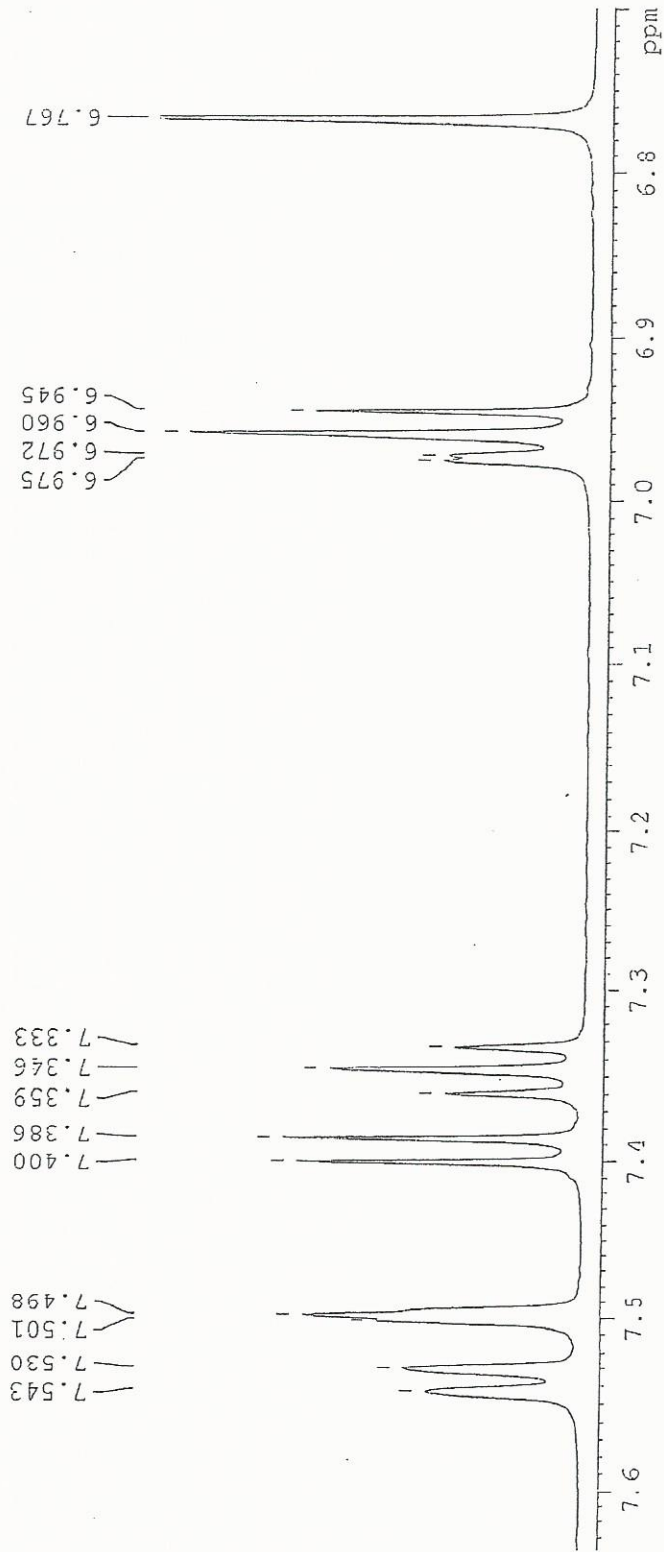
Catalog no.: T-411
 Product name: 7,8,3'-Trihydroxyflavone
 Lot No.: 0201033



SOLVENT DMSO
 NS 8
 DS 0
 SWH 11029.412 Hz
 FIDRES 0.1367672 Hz
 AQ 1.3599594 sec
 RG 25.4
 DE 45.333 usec
 TE 6.00 usec
 D1 298.2 K
 TD0 1.50000000 sec

1H IN DMSO
 AVANCE-600

===== CHANNEL f1 =====
 RUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3345152 MHz
 ST 32760
 SF 600.3300116 MHz
 REF EM
 SSR 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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

Catalog no.: T-411
Product name: 7,8,3-Trihydroxyflavone
Lot No.: 0201033

SOLVENT DMSO
NS 8
DS 0
SWH 11029.412 Hz
FIDRES 0.367672 Hz
AQ 1.35599594 sec
RG 25.4
DW 45.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

***** CHANNEL F1 *****
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3345152 MHz
SI 32768
SK 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
EC 1.00

1H IN DMSO
AVANCE-600

