



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-412

Product: 7,8,4'-TRIHYDROXYFLAVONE

Lot Number: 0201034

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.25

Melting Point: >280°C

Appearance: Light cream colored powder

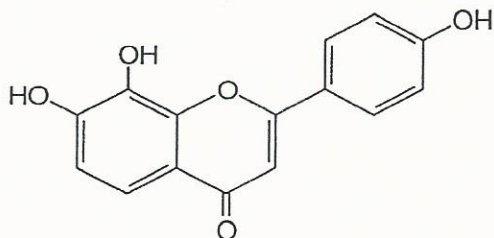
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Store in a cool dry place

Purity(HPLC): 99.62%





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

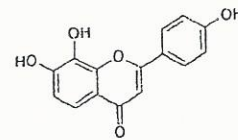
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

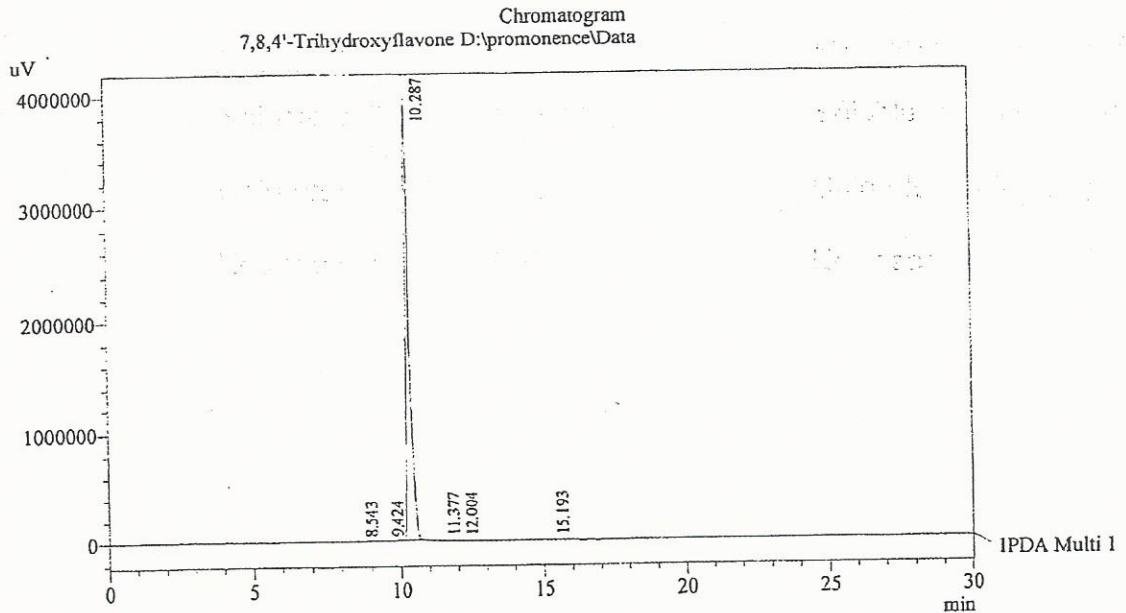
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 7,8,4'-Trihydroxyflavone
 Sample ID : Lot No: 0201034
 Injection Volume : 20 uL
 Data Filename : 110213B.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog no.: T-412
 Product name: 7,8,4'-Trihydroxyflavone
 Lot No.: 0201034



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



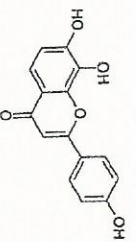
1 PDA Multi 1 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.543	8.543	11798	0.03	0.83
2	RT:9.424	9.424	15775	0.04	0.92
3	7,8,4'-Trihydroxyflavone	10.287	36925940	99.62	1.00
4	RT:11.377	11.377	35016	0.09	1.11
5	RT:12.004	12.004	29781	0.08	1.17
6	RT:15.193	15.193	48354	0.13	1.48
Total			37066663	100.00	



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

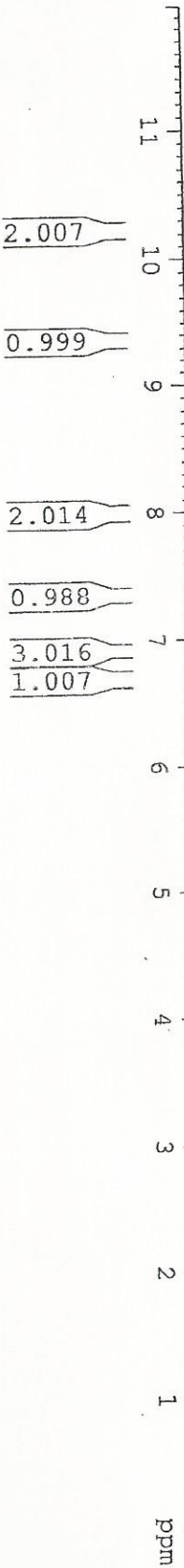


Catalog no.: T-412
Product name: 7,8,4'-Trihydroxyflavone
Lot No.: 0201034

SOVENT DMSO
NS 32
DS 0
SMH 10416.667 Hz
FIDRES 0.347245 Hz
AQ 1.4399540 sec
RG 2050
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

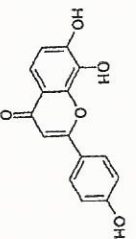
1H IN DMSO
AVANCE-600

===== CHANNEL F1 =====
NUC1 1H
P1 8.50 usec
PL1 -1.00 db
PL1W 15.17893314 W
SFO1 600.3348676 MHz
SI 32768
SF 600.3300117 MHz
NDM 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

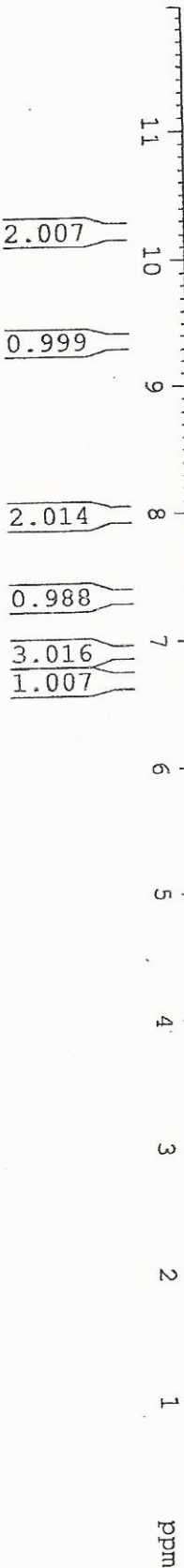


Catalog no.: T-412
Product name: 7,8,4'-Trihydroxyflavone
Lot No.: 0201034

SOVENT DMSO
NS 32
DS 0
SMH 10416.667 Hz
FIDRES 0.347245 Hz
AQ 1.4399540 sec
RG 2050
DW 48.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN DMSO
AVANCE-600

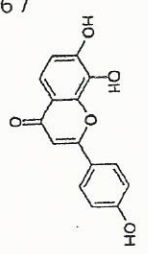
CHANNEL F1
NUC1 1H
P1 8.50 usec
PL1 -1.00 db
PL1W 15.17893314 W
SFO1 600.3348676 MHz
SI 32768
SR 600.3300117 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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

Catalog no.: T-412
 Product name: 7,8,4'-Trihydroxyflavone
 Lot No.: 0201034



SOLVENT DMSO
 NS 32
 DS 0
 SMH 10416.667 Hz
 FIDRES 0.347245 Hz
 AQ 1.4399540 sec
 RG 2050
 DR 48.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TD0 1

1H IN DMSO
 AVANCE-600

----- CHANNEL f1 -----
 NUCL1 1H
 P1 8.50 usec
 PL1 -1.00 dB
 PL1M 15.17893314 W
 SFO1 600.3348676 MHz
 SI 32768
 SF 600.3300117 MHz
 MDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

