



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: 22-324

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

Lot Number: 0008188

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.25

Melting Point: 278-280°C

Appearance: Yellowish-green powder

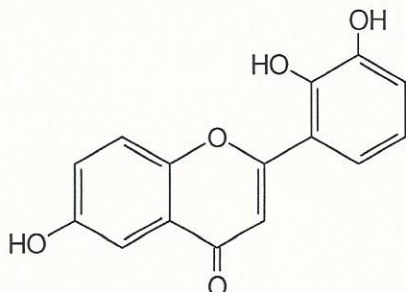
Solubility: Soluble in DMSO, Methanol

TLC: n-Hexane : Ethyl acetate (1:1)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.58%





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

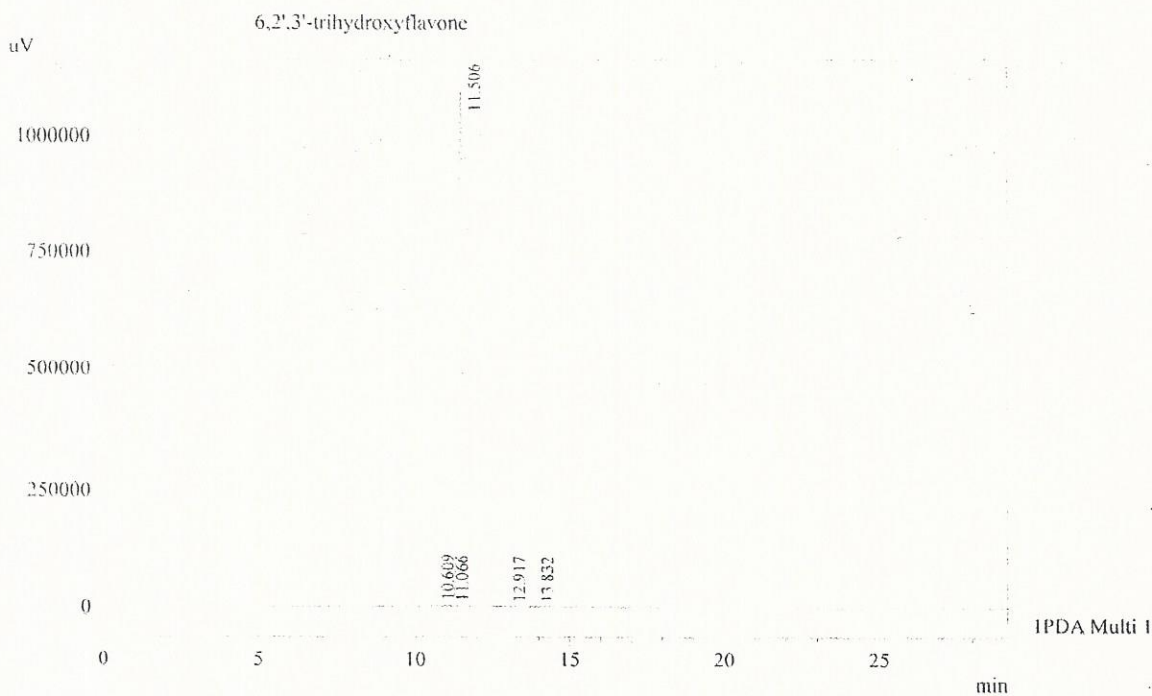
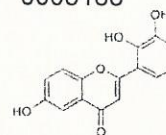
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 6,2',3'-trihydroxyflavone
 Sample ID : Lot No:0008188
 Injection Volume : 1 uL
 Data Filename : 090916B.lcd
 Method Filename : Linear Gradient.M.lcm
 Report Filename : Default.lcr

Catalog No.: 22-324
 Product Name: 6,2',3'-Trihydroxyflavone
 Lot No.: 0008188



1 PDA Multi 1 / 254nm 4nm

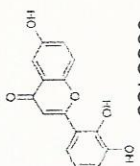
Peak Table

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.609	10.609	27606	0.20	0.00
2	RT:11.066	11.066	19268	0.14	0.00
3	RT:11.506	11.506	13858352	99.58	0.00
4	RT:12.917	12.917	8438	0.06	0.00
5	RT:13.832	13.832	3607	0.03	0.00
Total			13917273	100.00	

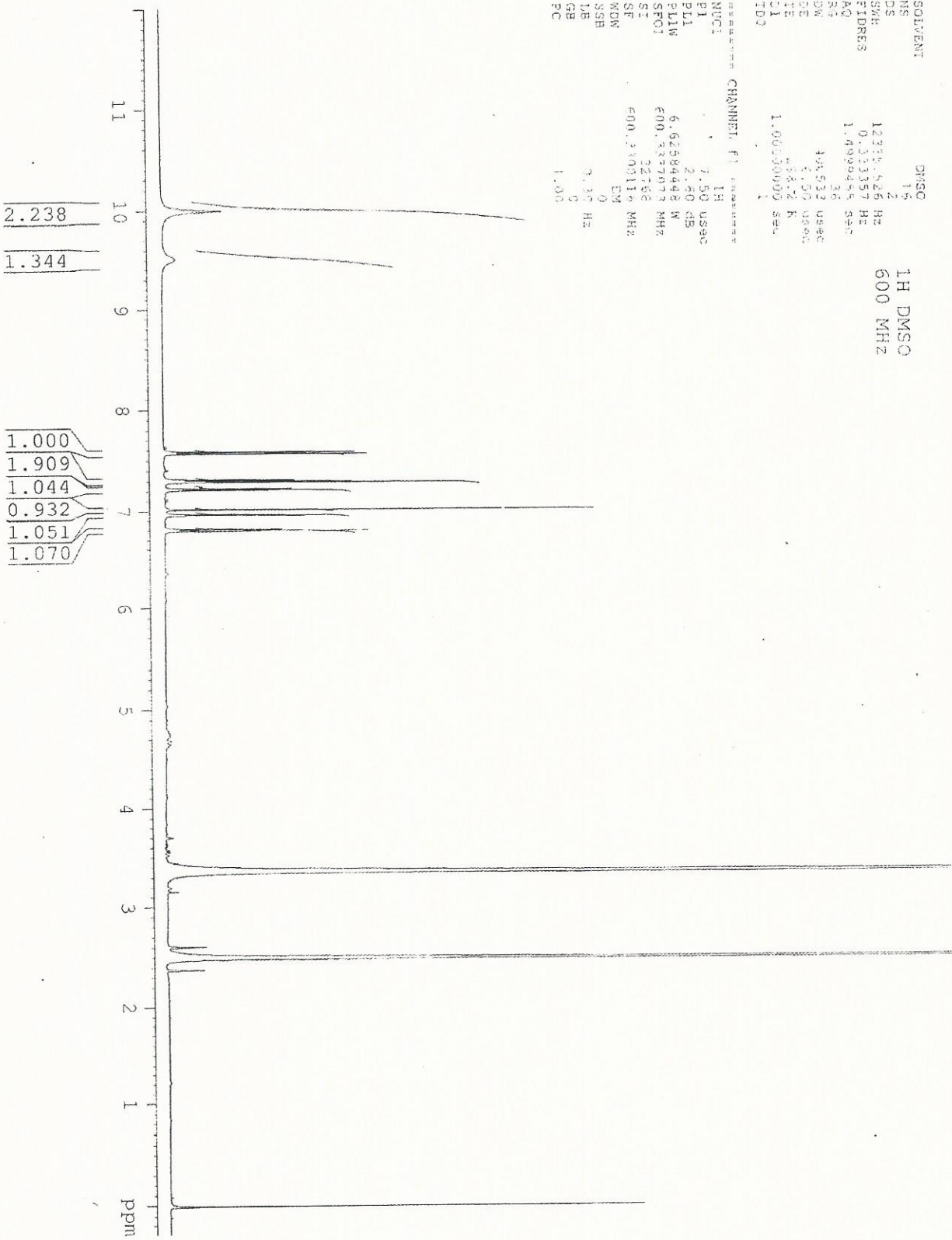


INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

Catalog No.: 22-324
 Product Name: 6,2',3'-Trihydroxyflavone
 Lot No.: 0008188



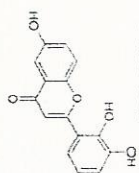
SOLVENT DMSO
 NS 1
 DS 2
 SWR 12310.526 Hz
 FIDRES 0.333357 Hz
 AQ 1.4999456 sec
 RG 30
 DN 406.532 usec
 DE 1.120 usec
 TE 438.2 K
 CA 1.00000000 sec
 TDJ 1
 ===== CHANNEL F1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.50 dB
 PLLW 6.62588448 W
 SFO1 600.3277073 MHz
 SI 400.2108116 MHz
 SF EM
 MDW 0
 SSB 0
 LB 0
 GB 0
 PC 1.00





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

Catalog No.: 22-324
Product Name: 6,2',3'-Trihydroxyflavone
Lot No.: 0008188



SOLVENT DMSO
NS 16
DS 2
SRR 12335.526 HZ
FIDRES 0.1233367 HZ
AQ 1.4999495 SEC
R1 25
R2 40.533 USEC
R3 15.50 USEC
R4 298.2 R
R5 1.00000000 SEC
R6 1

CHANNEL F1
NUC1 1H
P1 7.50 USEC
PL 2.60 DB
PLW 6.62584448 W
PRO 600.3437073 MHZ
SI 32768
SF 600.3300115 MHZ
WDW FM
SSB 0
GB 0.20 HZ
PC 1.00

