



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: GL-001

Product Name: **GLYCITEIN**
(7,4'-Dihydroxy-6-methoxyisoflavone)

Gas Number: [40957-83-3]

Lot Number: 0803103

Chemical Formula: C₁₆H₁₂O₅

Molecular Weight: 284.27

Melting Point >290°C

Appearance: White Powder

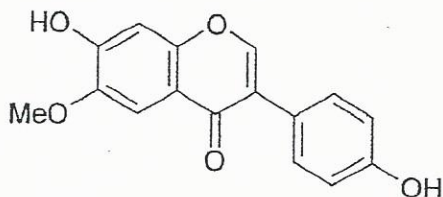
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity (HPLC) : 95.60%





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

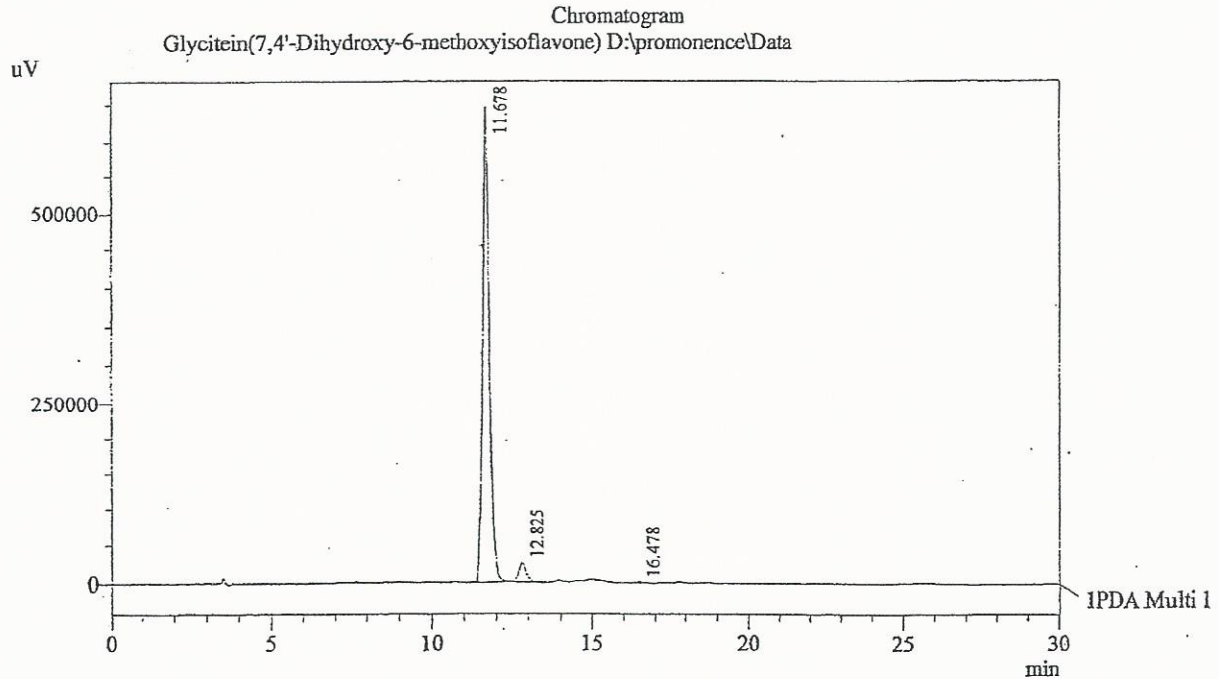
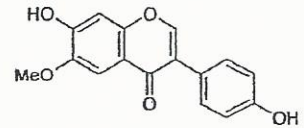
Acquired by : Sanjeev
Sample Name : Glycitein(7,4'-Dihydroxy-6-methoxyisoflavone)

Catalog No.: GL-001
Product Name: Glycitein
Lot No.: 0803103

Injection Volume : 20 uL
Data Filename : 2008131.lcd
Method Filename : Linear.Gradient.M.lcm

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 : Acetonitrile:Methanol (50:50)



1 PDA Multi 1 / 254nm 4nm

PeakTable

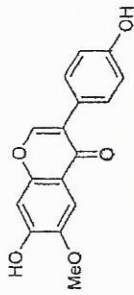
PDA Ch1 254nm 4nm

| Peak# | Name | Ret. Time | Area | Area% | Relative Retention Time |
|-------|-----------|-----------|---------|--------|-------------------------|
| 1 | Glycitein | 11.678 | 9484684 | 95.60 | 1.00 |
| 2 | RT:12.825 | 12.825 | 413651 | 4.17 | 1.10 |
| 3 | RT:16.478 | 16.478 | 22413 | 0.23 | 1.41 |
| Total | | | 9920747 | 100.00 | |



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

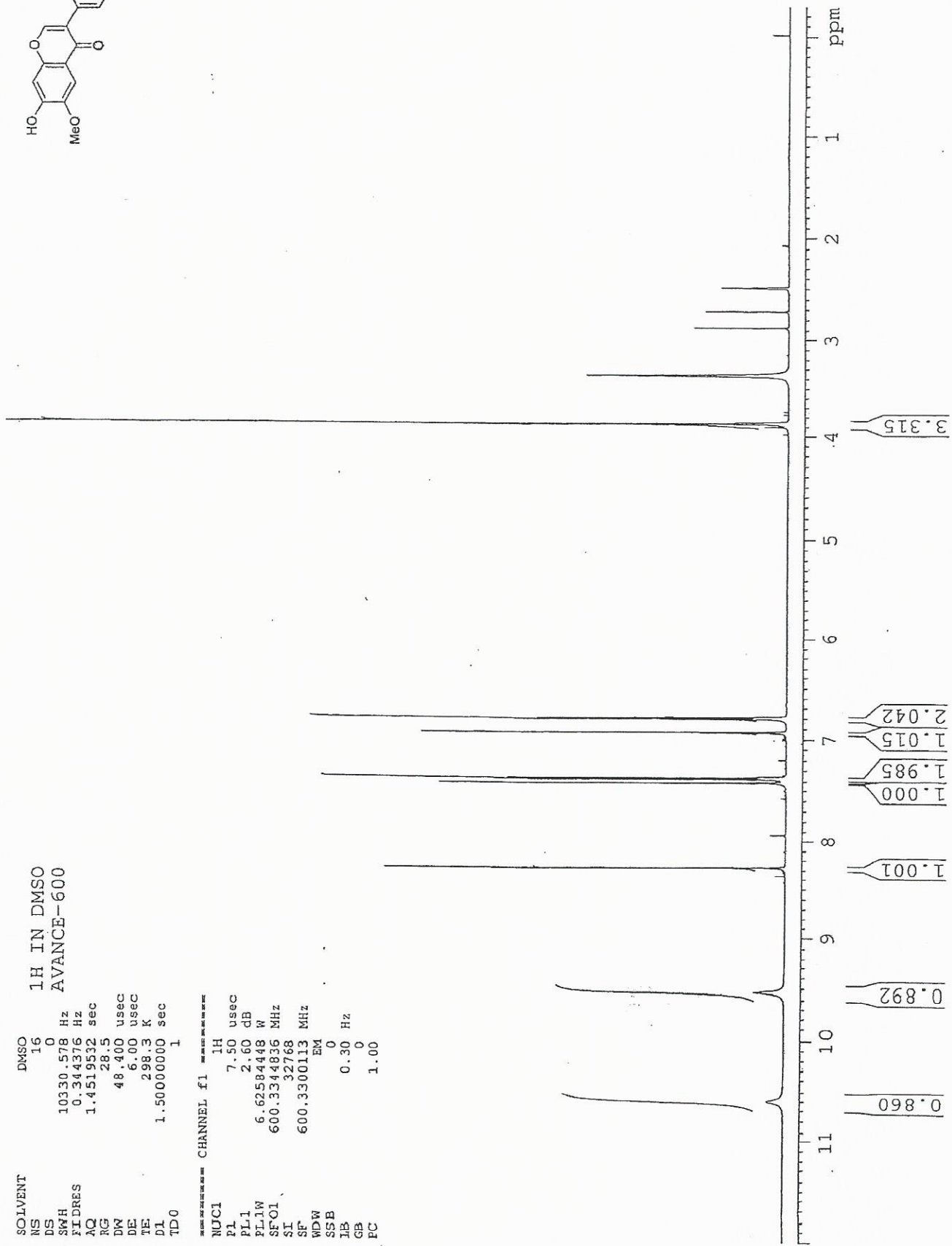
Catalog No.: GL-001
 Product Name: Glycitein
 Lot No.: 0803103



SOVENT DMSO
 NS 16
 DS 0
 SWH 10330.578 Hz
 FIDRES 0.344376 Hz
 AQ 1.4519532 sec
 RG 28.5
 DW 48.400 usec
 DE 6.00 usec
 TE 298.3 K
 DL 1.50000000 sec
 TD0 1

1H IN DMSO
 AVANCE-600

CHANNEL f1
 NUJ01 1H
 PL 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SFO1 600.3344836 MHz
 SI 32768
 SF 600.3300113 MHz
 MDW EM
 SSB 0
 J1B 0.30 Hz
 CB 0
 PC 1.00

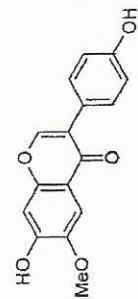




INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: GL-001
Product Name: Glycitein
Lot No.: 0803103

SOLVENT DMSO
NS 16
DS 0
SWH 10330.578 Hz
FIDRES 0.344376 Hz
AQ 1.4519532 sec
RG 28.5
DW 48.400 usec
DE 6.00 usec
TE 298.3 K
D1 1.50000000 sec
TD0 1



***** CHANNEL F1 *****
NUC1 1H
P1 7.50 usec
PL 2.60 dB
PL1W 6.62584448 W
SF01 600.3344836 MHz
SI 32768
SF 600.3300113 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

