



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number            D-255

Product Name:            **7,2'-DIHYDROXYFLAVONE**

Lot Number:                000201

Chemical Formula:        C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>

Molecular Weight:        254.25

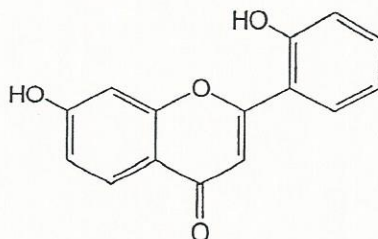
Appearance:                Cream colored fluffy powder

Solubility:                    Soluble in DMSO

NMR Spectrum:            Enclosed (Conforms to the structure)

Storage:                      Store in a cool, dry place

Purity(HPLC):                98.47%





# 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

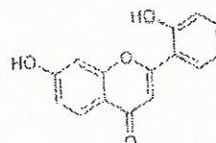
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

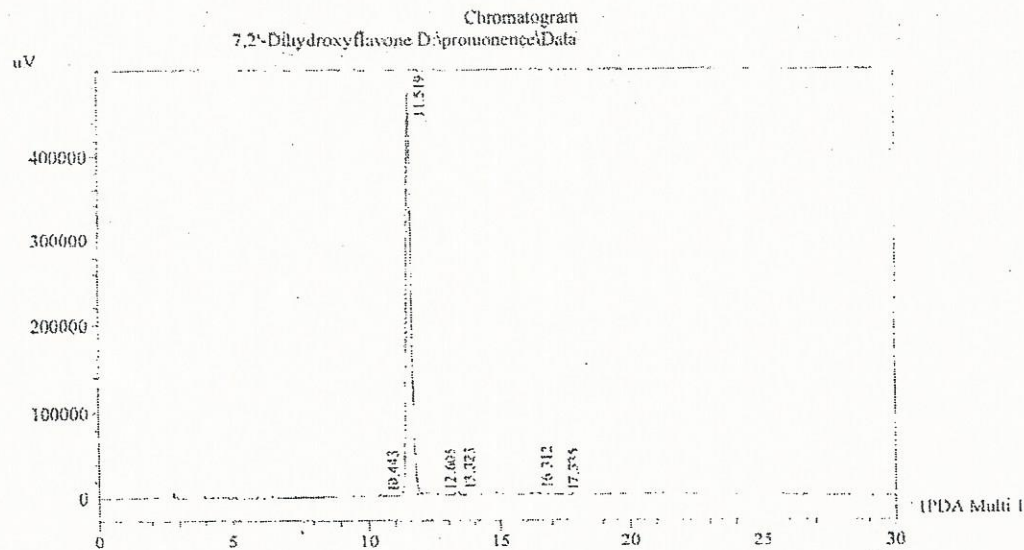
## HPLC ANALYSIS

Acquired by : Sanjeev  
 Sample Name : 7,2'-Dihydroxyflavone  
 Sample ID : Lot No:-000201  
 Injection Volume : 20 ul  
 Data Filename : 281212C.tcd  
 Method Filename : Linear Gradient.M.lcm

Catalog no.: D-255  
 Product name: 7,2'-Dihydroxyflavone  
 Lot No.: 000201



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

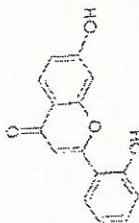


Peak#	Name	Ret Time	Area	Area %	Relative Retention Time
1	RT:10.443	10.443	7732	0.13	0.91
2	7,2'-Dihydroxyflavone	11.519	5800423	98.47	1.00
3	RT:12.605	12.605	6273	0.11	1.09
4	RT:13.323	13.323	34685	0.59	1.16
5	RT:16.312	16.312	34177	0.58	1.42
6	RT:17.335	17.335	7054	0.12	1.50
Total			5890343	100.00	



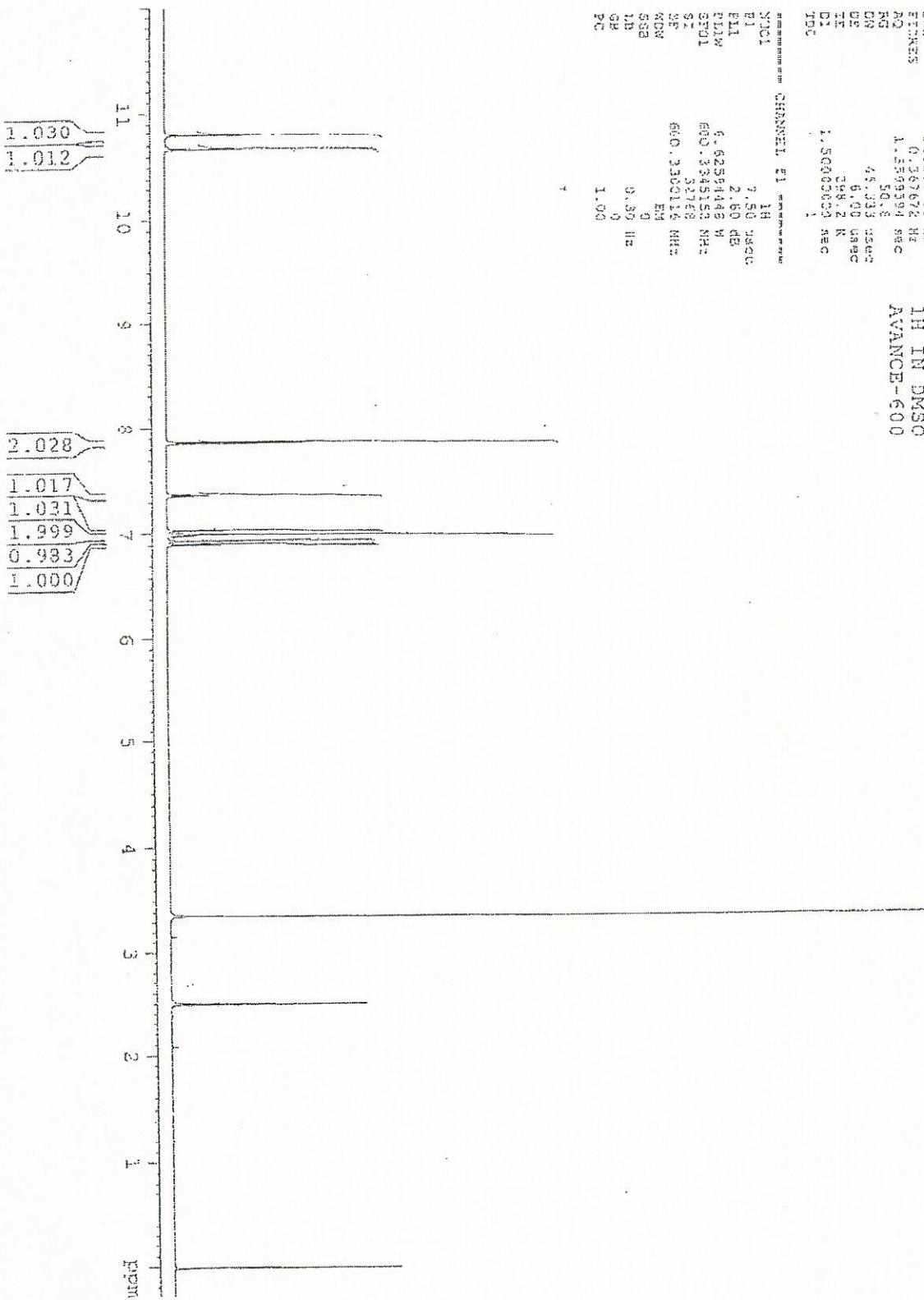
INDOFINE Chemical Company, Inc.  
 121 STRYKER LANE  
 BLDG. 30, SUITE 1  
 HILLSBOROUGH, NJ 08844

Catalog no.: D-255  
 Product name: 7,2'-Dihydroxyflavone  
 Lot No.: 000201



SOLVENT DMSO  
 NO 9  
 NS 9  
 CH 11029.412 Hz  
 FIDRES 0.136672 Hz  
 AQ 1.5598594 SEC  
 RG 50.8  
 DR 45.313 USEC  
 DC 6.00 USEC  
 TE 298.2 K  
 DI 1.50003803 SEC  
 TOC 1

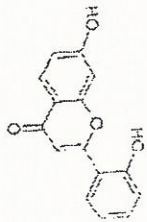
CHANNEL F1  
 NUC1 1H  
 F1 7.50 USEC  
 FIDW 2.00 DE  
 SFD1 6.6256448 M  
 S2 609.3385153 MHz  
 S2 3278  
 KW 600.3300116 MHz  
 EM 9  
 0.30 Hz  
 0  
 1.00





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

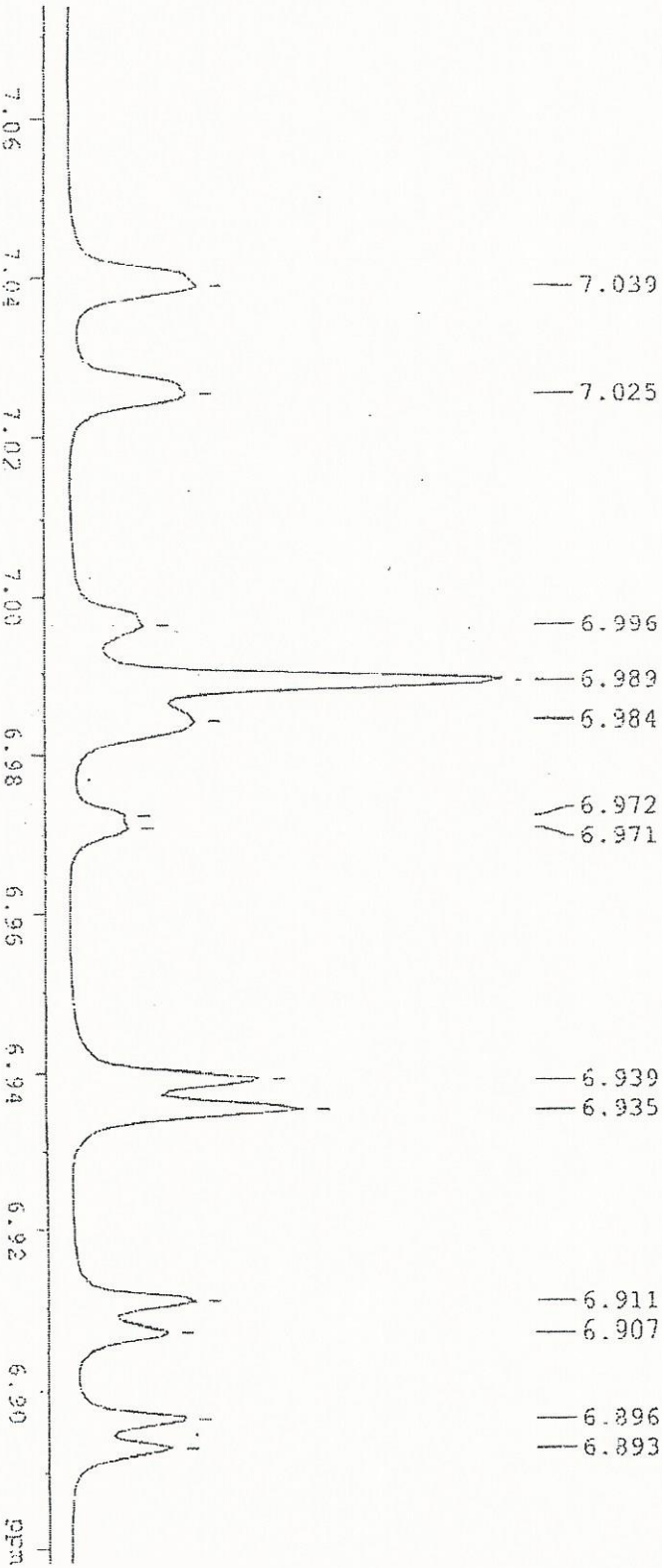
Catalog no.: D-255  
 Product name: 7,2'-Dihydroxyflavone  
 Lot No.: 000201



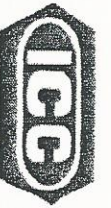
SOLVENT DMSO  
 NS D  
 CS D  
 SWH 1100.412 Hz  
 FIDRES 0.387672 Hz  
 AQ 1.3589294 sec  
 RG 50.8  
 DW 45.333 usec  
 DE 6.00 usec  
 TE 298.2 K  
 D1 1.5000000 sec  
 TD0 1

1H IN DMSO  
 AVANCE-600

\*\*\*\*\* CHANNEL F1 \*\*\*\*\*  
 NU01 1H  
 P1 1.50 usec  
 PL1 2.00 dB  
 P1LM 6.6258145 Hz  
 SF01 600.330116 MHz  
 SI 32798  
 SE 600.330116 MHz  
 MDW EM  
 SSB D  
 IH 0.30 Hz  
 CB D  
 PC 1.00

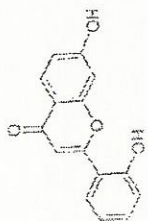






INDOFINE Chemical Company, Inc.  
 121 STRYKER LANE  
 BLDG. 30, SUITE 1  
 HILLSBOROUGH, NJ 08844

Catalog no.: D-255  
 Product name: 7,2-Dihydroxyflavone  
 Lot No.: 000201



SOLVENT: DMSO  
 NS: 0  
 DS: 0  
 SKE: 11023.412 Hz  
 FIDRES: 0.327672 Hz  
 AQ: 1.3329584 sec  
 FQ: 52.19  
 DQ: 45.333 usec  
 DE: 6.30 usec  
 TE: 298.2 K  
 DI: 1.5000000 sec  
 TDC: 1

1H IN DMSO  
 AVANCE-600

\*\*\*\*\* CHANNEL #1 \*\*\*\*\*  
 PROC1: 16  
 P1: 7.50 usec  
 P2: 2.00 dB  
 RELW: 6.62584438 M  
 SFO1: 600.3241122 MHz  
 SI: 32768  
 SE: 600.3300116 MHz  
 WFM: EM  
 SSB: 0  
 LB: 0  
 GB: 0  
 PC: 1.00

