



# 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

Cat No.: 22-336

Product: 6,7,3'-TRIHYDROXYFLAVONE

Lot Number: 0104046

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

Molecular Weight: 270.25

Melting Point: >280°C

Appearance: Light cream powder

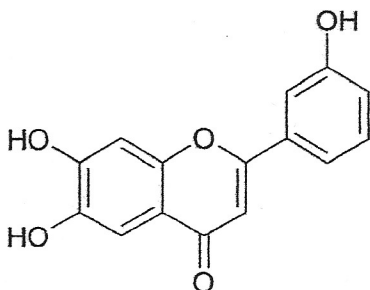
Solubility: Soluble in DMSO

TLC: Chloroform:methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool, dry place

Purity (HPLC): 98.47%





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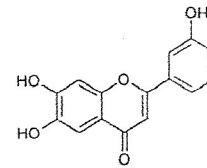
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

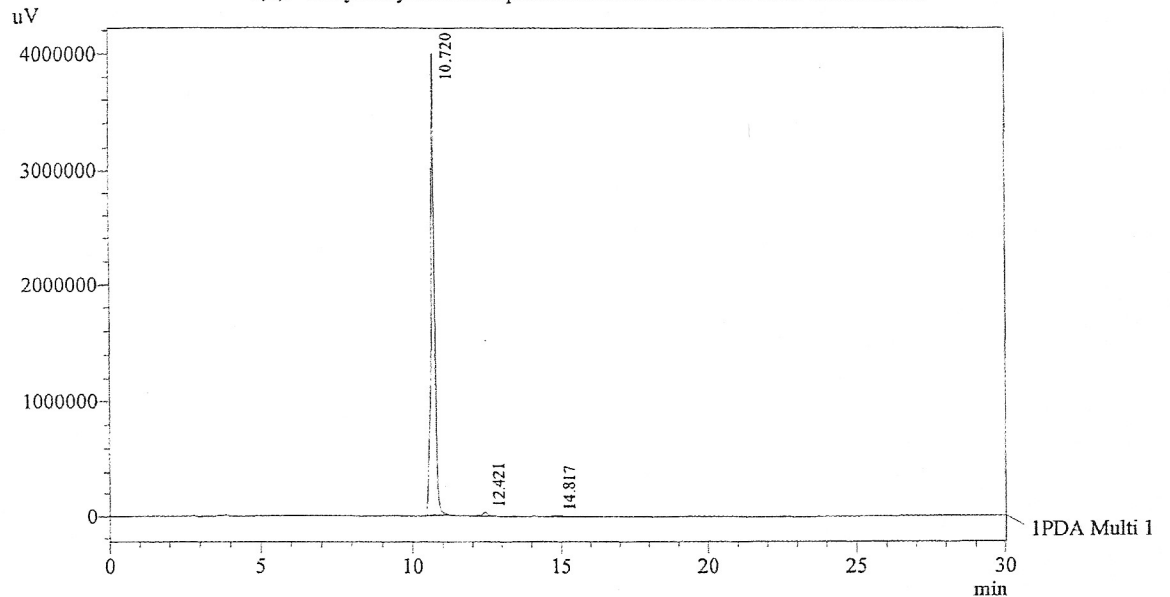
Acquired by : Sanjeev  
Sample Name : 6,7,3'-Trihydroxyflavone  
Sample ID : Lot No- 0104046  
Injection Volume : 20 uL  
Data Filename : 020213H.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-336  
Product name: 6,7,3'-Trihydroxyflavone  
Lot No.: 0104046

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



Chromatogram  
6,7,3'-Trihydroxyflavone D:\promonence\Data\2013\FEB-2013\020213H.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable

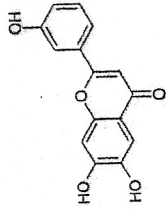
PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	6,7,3'-Trihydroxyflavone	10.720	33690029	98.47	1.00
2	RT:12.421	12.421	397881	1.16	1.16
3	RT:14.817	14.817	126535	0.37	1.38
Total			34214445	100.00	



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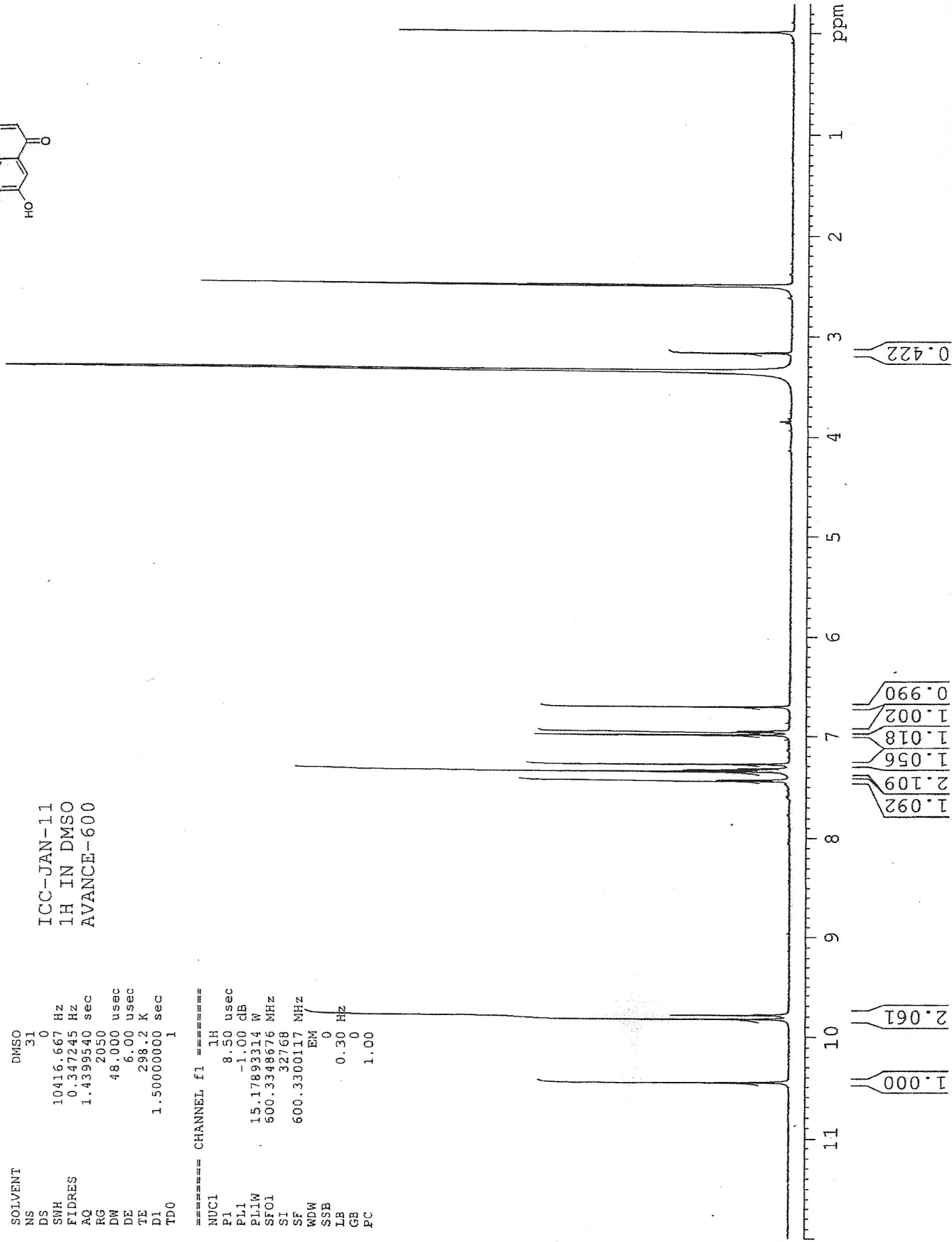
Catalog No.: 22-336  
Product name: 6,7,3'-Trihydroxyflavone  
Lot No.: 0104046



SOLVENT DMSO  
NS 31  
DS 0  
SWH 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  
TDO 1

ICC-JAN-11  
1H IN DMSO  
AVANCE-600

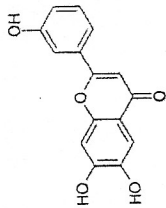
==== CHANNEL f1 =====  
NUC1 1H  
P1 8.50 usec  
PL1 -1.00 dB  
PL1W 15.17893314 W  
SF01 600.3348676 MHz  
SI 32768  
SF 600.3300117 MHz  
EM 0  
WDW 0  
SSB 0.30 Hz  
LB 0  
GB 0  
PC 1.00





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 DS 0  
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 AQ 1.4399540 sec  
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 NUC1 1H  
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 SFO1 600.3348676 MHz  
 SI 32768  
 SF 600.3300117 MHz  
 WDW EM  
 SSB 0  
 LR 0.30 Hz  
 GB 0  
 PC 1.00

ICC-JAN-11  
 1H IN DMSO  
 AVANCE-600

