



# 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: T-410

Product Name: **7,8,2'-TRIHIDROXYFLAVONE**

Lot Number: 1305329

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

Molecular Weight: 270.25

Melting Point: 297-299°C

Appearance: Dark cream powder

Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

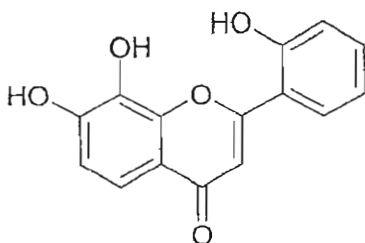
Moisture(KF): 0.34%

NMR Spectrum: Enclosed (Confirms to the structure)

Mass Spectrum: Enclosed (Complies)

Storage: Store in a cool, dry place

Purity(HPLC): 99.19%





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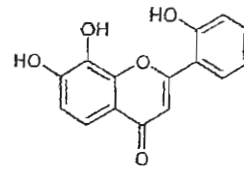
website: [www.indofinechemical.com](http://www.indofinechemical.com)

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

## HPLC ANALYSIS

Sample Name : 7,8,2'-Trihydroxyflavone  
Sample ID : 25 gms Lot  
Injection Volume : 20 µL  
Data Filename : 130513M.lcd  
Method Filename : Linear Isocratic.M.lcm

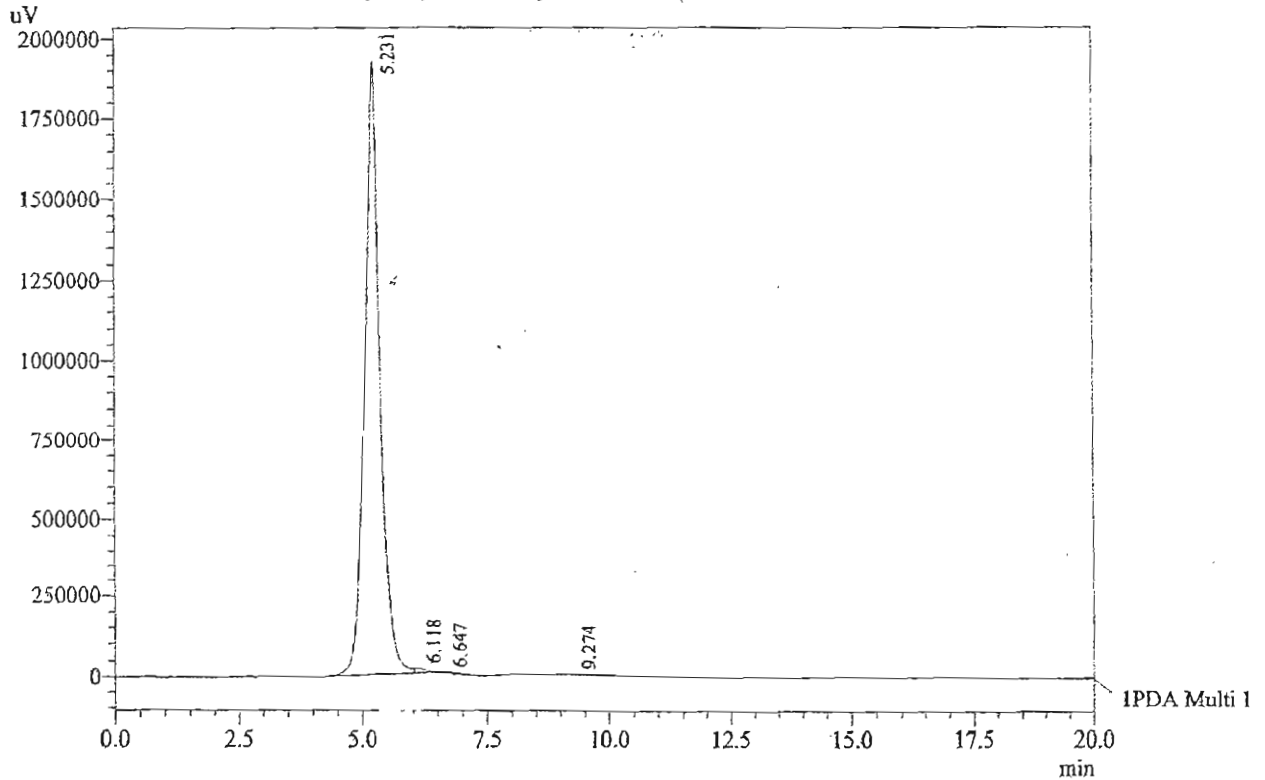
Catalog No.: T-410  
Product name: 7,8,2'-Trihydroxyflavone  
Lot No.: 1305329



Column : LUNA C-18(2) (250mm x4.6mm 5.0µ)  
Flow : 1.000 mL/min.  
Mobile Phase : A(30% of Water) B(70% of Methanol)

### Chromatogram

7,8,2'-Trihydroxyflavone D:\promonence\Data\2013\MAY-2013\130513M.lcd



1 PDA Multi 1 / 265nm 4nm

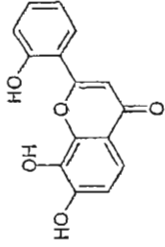
### PeakTable

PDA Ch1 265nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	7,8,2'-Trihydroxyflavone	5.231	40826286	99.19	1.00
2	RT:6.118	6.118	171705	0.42	1.17
3	RT:6.647	6.647	62877	0.15	1.27
4	RT:9.274	9.274	100323	0.24	1.77
Total			41161191	100.00	



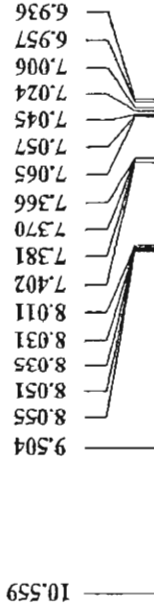
INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844



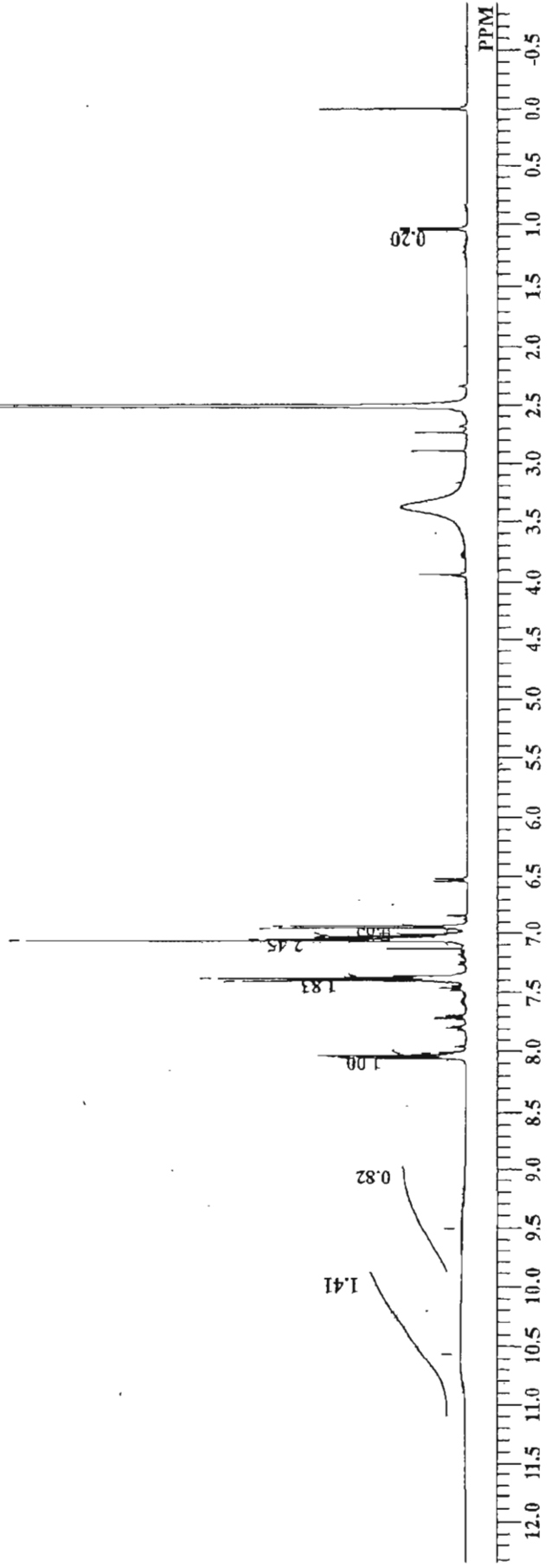
Catalog No.: T-410  
Product name: 7,8,2-Trihydroxyflavone  
Lot No.: 1305329

FLV-FINAL 1H NMR DMSO-d6

Analysed By : MSR



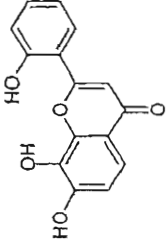
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QBSET 124.00 KHz  
OBFIN 10500.00 Hz  
POINT 65536  
FREQU 7992.01 Hz  
SCANS 16  
ACQTM 8.2002 sec  
PD 3.0000 sec  
PWI 5.80 usec  
IRNUC 1H  
CTEMP 17.9 c  
SLVNT DMSO  
EXREF 0.00 ppm  
BF 0.30 Hz  
RGAIN 17





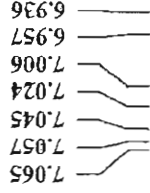
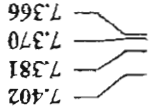
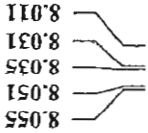
INDOFINE *Cferrti*  
 121 STRYKER LANE  
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 HILLSBOROUGH, NJ 08844

Catalog No.: T-410  
 Product name: 7,8,2'-Trihydroxyflavone  
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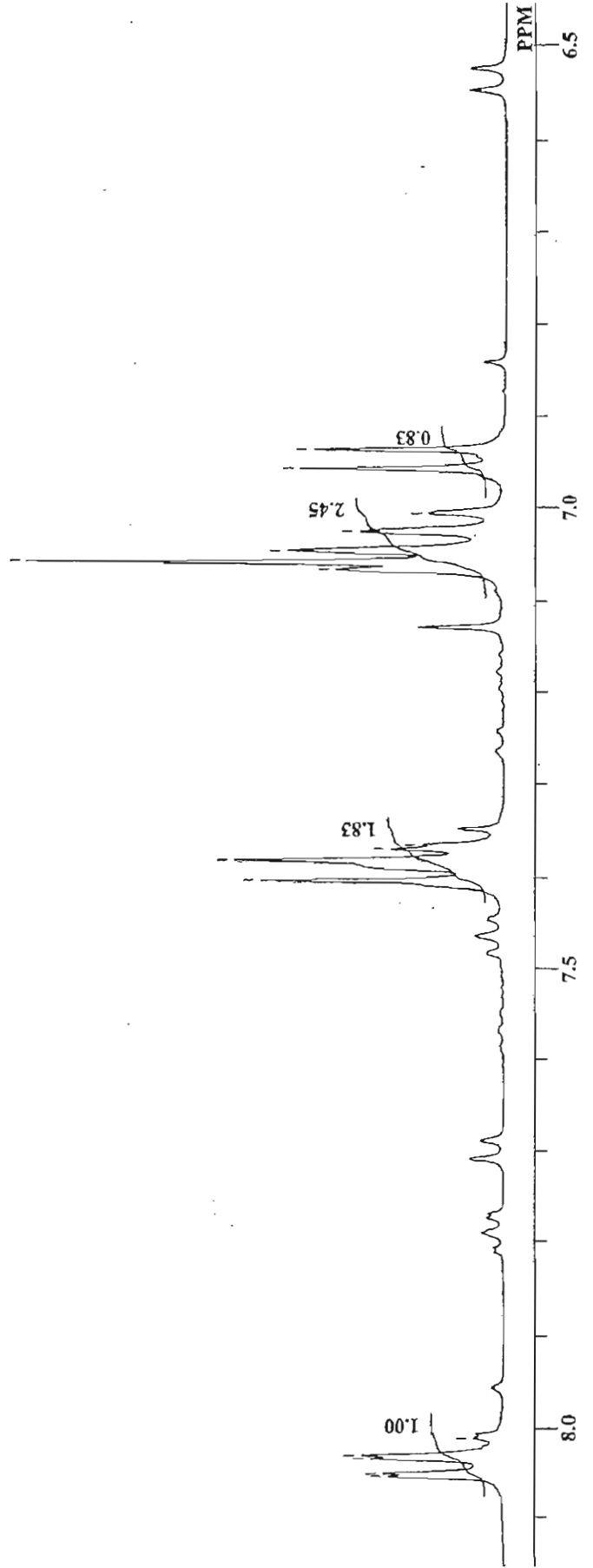


FLV-FINAL 1H NMR DMSO-d6

Analysed By: MSR

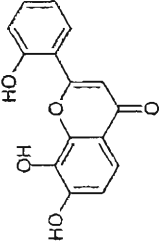


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 EXMOD NON  
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 OBSET 124.00 KHz  
 OBFIN 10500.00 Hz  
 POINT 65536  
 FREQU 7992.01 Hz  
 SCANS 16  
 ACQTM 8.2002 sec  
 PD 3.0000 sec  
 PW1 5.80 usec  
 IRNUC 1H  
 CTEMP 17.9 c  
 SLVNT DMSO  
 EXREF 0.00 ppm  
 BF 0.30 Hz  
 RGAIN 17





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Sample Information  
Sample Name : FLY-FINAL  
B.No : -  
Data File : FLY-FINAL.lcd  
Method File : Test1(ESI).lcm  
Acquired by : KKiran

MS Spectrum Graph

Probe : ESI  
Polarity:Pos

