



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: 22-340

Product Name: **5,7,3',4',5'-PENTAHYDROXYFLAVONE**

Lot Number: 0204079

Chemical Formula: C₁₅H₁₀O₇

Molecular Weight: 302.25

Appearance: Light yellow powder

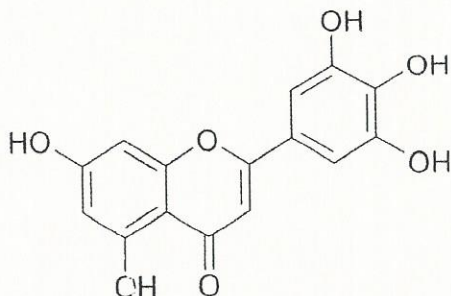
Solubility: Soluble in DMSO

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

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 98.10%





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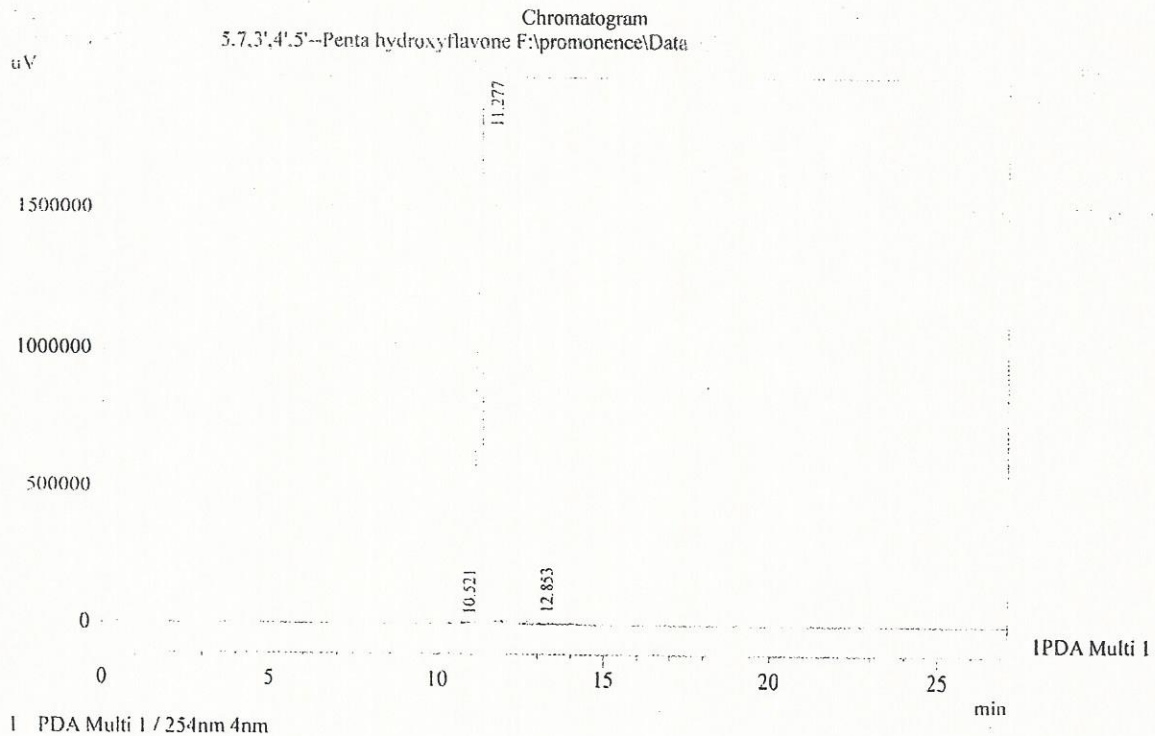
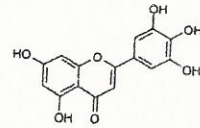
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HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 5,7,3',4',5'-Penta hydroxyflavone
 Sample ID : Lot No: 0204079
 Injection Volume : 1 uL
 Data Filename : 090916C.lcd
 Method Filename : Linear Gradient.M.lcm
 Report Filename : Default.lcr

Catalog No.: 22-340
 Product Name: 5,7,3',4',5'-Pentahydroxyflavone
 Lot No.: 0204079



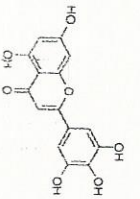
PDA Ch1 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.521	10.521	134892	0.62	0.00
2	RT:11.277	11.277	21225380	98.10	0.00
3	RT:12.853	12.853	277250	1.28	0.00
Total			21637521	100.00	



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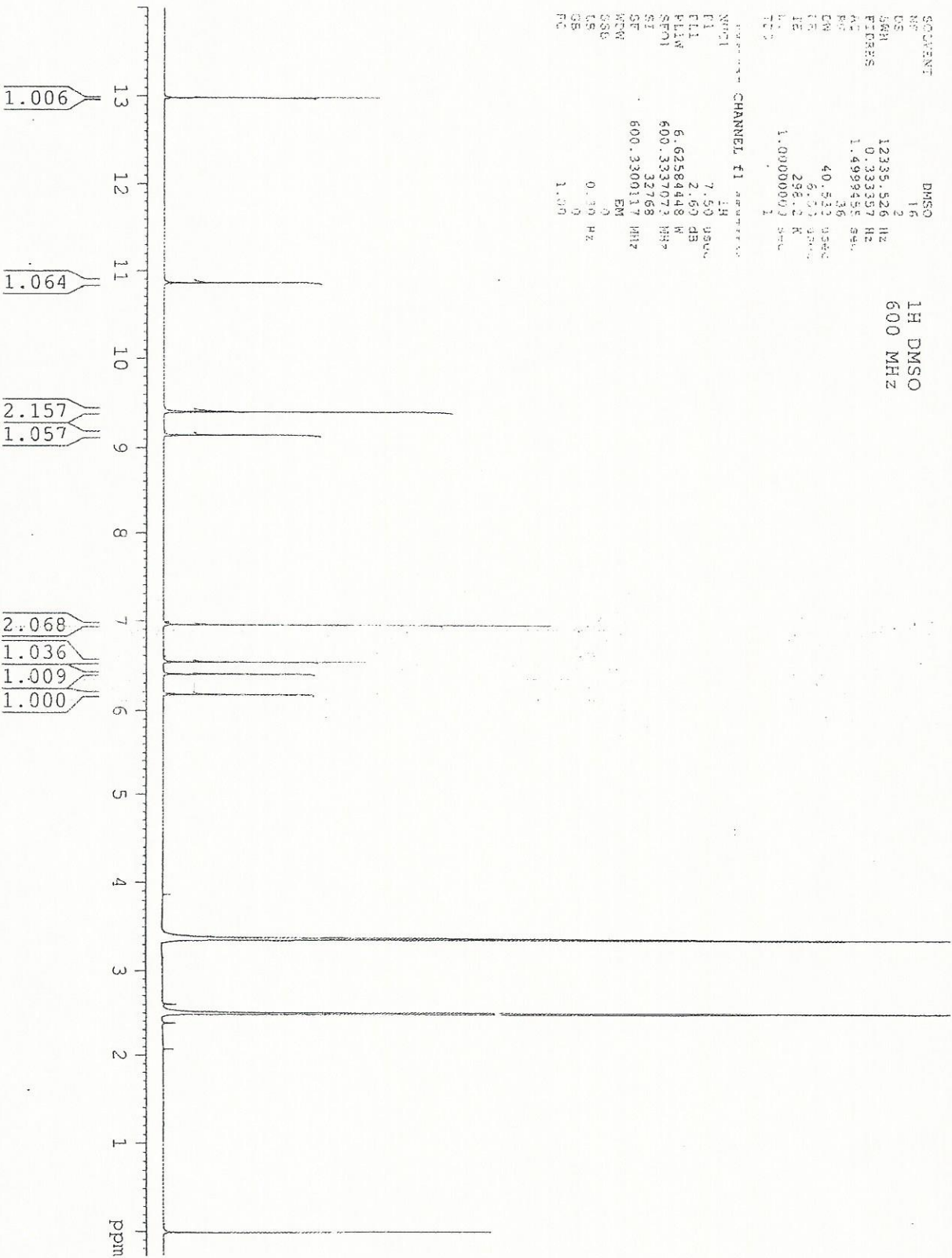


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 Lot No.: 0204079

SOLVENT DMSO
 NS 16
 DE 2
 SRH 12335.526 HZ
 FIDERS 0.233387 HZ
 AC 1.499458 SEC
 PG 36
 CW 40.533 USEC
 TR 6.00 USEC
 RE 296.2 K
 TD 1.0000000 SEC
 T1 1

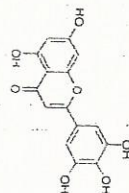
1H DMSO
 600 MHZ

CHANNEL F1
 NS01 1H
 F1 7.50 USEC
 F11 2.60 DB
 F11W 6.6258448 W
 SF01 600.3337673 MHz
 SI 32768
 SF 600.3300117 MHz
 WDW EM
 SSB 0
 OS 0.30 HZ
 OB 0
 FC 1.00





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 Lot No.: 0204079

CHANNEL F1

 CHANNEL F1 *****
 NS 16
 DS 2
 SWH 12235.526 HZ
 FIDRES 0.33357 HZ
 AQ 1.4892955 SEC
 RG 16
 DM 40.533 USEC
 DE 5.50 USEC
 TE 298.2 K
 U.I. 1.00000000 SEC
 TD9 1
 ***** CHANNEL F1 *****
 NUCL1 1H
 P1 7.50 USEC
 P1L 2.60 DB
 PL1W 6.62589448 W
 SF01 600.3337473 MHZ
 SI 32768
 SF 600.3300117 MHZ
 NFM EM
 SSB 0
 JB 0.30 HZ
 GB 0
 FC 1.00

