



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

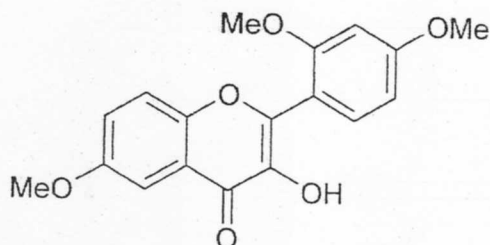
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

CAT. No.: 22-204

| | |
|--------------------------|--|
| <u>Product Name:</u> | 3-HYDROXY-6,2',4'-TRIMETHOXYFLAVONE |
| <u>Lot Number</u> | 98128 |
| <u>Chemical Formula:</u> | C ₁₈ H ₁₆ O ₆ |
| <u>Molecular Weight:</u> | 328.33 |
| <u>Melting Point:</u> | 191-193°C |
| <u>Appearance:</u> | Off white powder |
| <u>TLC:</u> | Hexane:Ethyl acetate (1:1) |
| <u>Solubility:</u> | Soluble in Chloroform |
| <u>Purity(HPLC):</u> | 99.80% |





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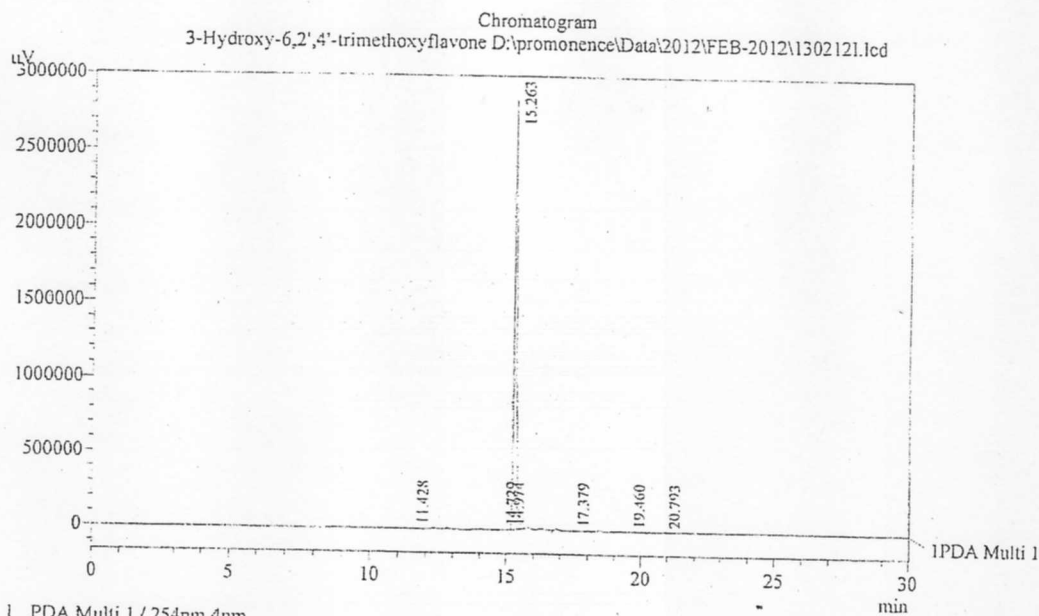
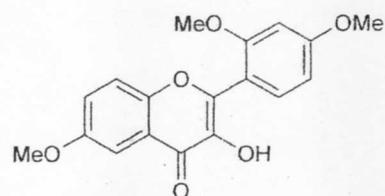
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 3-Hydroxy-6,2',4'-trimethoxyflavone
Sample ID : Lot No:-98128
Injection Volume : 20 uL
Data Filename : 1302121.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-204
Product name: 3-Hydroxy-6,2',4'-trimethoxyflavone
Lot No.: 98128

Date Acquired : 2/13/2012 3:53:03 PM
Data Processed : 2/13/2012 4:35:05 PM
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
25.0 90 10
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

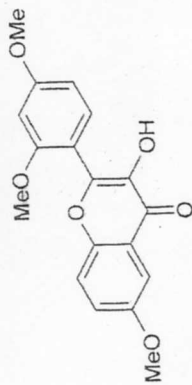
PeakTable

| Peak# | Name | Ret. Time | Area | Area % | Relative Retention Time |
|-------|-----------|-----------|----------|--------|-------------------------|
| 1 | RT:11.428 | 11.428 | 4690 | 0.03 | 0.75 |
| 2 | RT:14.729 | 14.729 | 7778 | 0.04 | 0.96 |
| 3 | RT:14.974 | 14.974 | 4171 | 0.02 | 0.98 |
| 4 | RT:15.263 | 15.263 | 18502796 | 99.80 | 1.00 |
| 5 | RT:17.379 | 17.379 | 2981 | 0.02 | 1.14 |
| 6 | RT:19.460 | 19.460 | 3453 | 0.02 | 1.27 |
| 7 | RT:20.793 | 20.793 | 13896 | 0.07 | 1.36 |
| Total | | | 18539766 | 100.00 | |



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 Lot No.: 98128

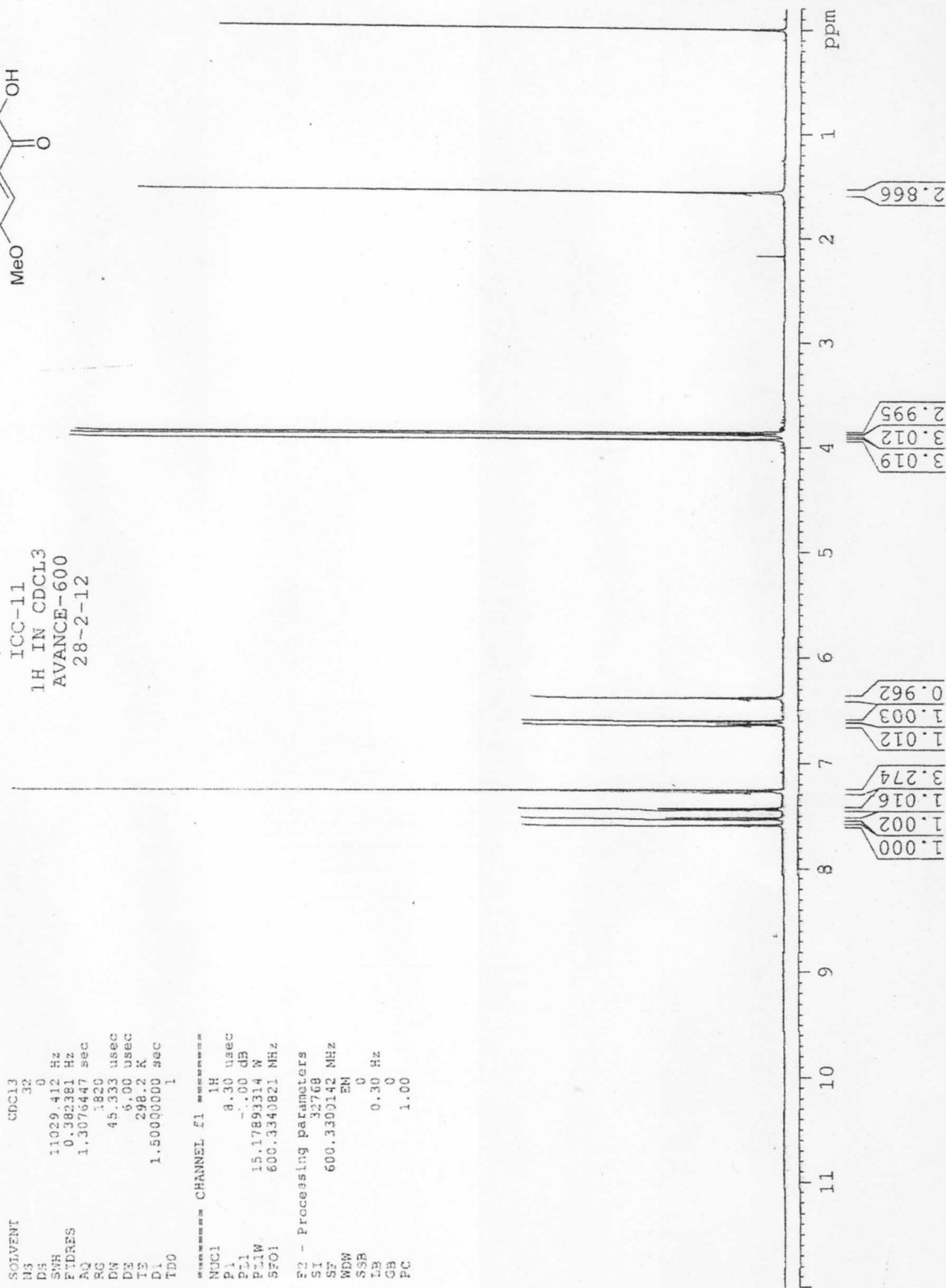


ICC-11
 1H IN CDCL3
 AVANCE-600
 28-2-12

SOLVENT CDCL3
 NS 32
 D3 0
 SMH 11029.412 Hz
 FIDRES 0.362361 Hz
 AQ 1.3076447 sec
 RG 1820
 DN 45.333 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.30 usec
 PL1 -0.00 dB
 P1W 15.17893314 W
 SFO1 600.3340821 MHz

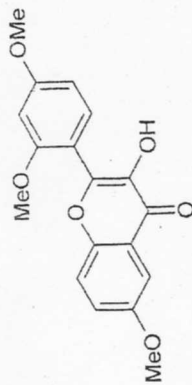
F2 - Processing parameters
 SI 32768
 SF 600.3300142 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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Catalog No.: 22-204
 Product name: 3-Hydroxy-6,2',4'-trimethoxyflavone
 Lot No.: 98128



SOLVENT CDCL3
 NS 32
 DS 0
 SWH 11029.412 Hz
 FIDRES 0.382381 Hz
 AQ 1.3076447 sec
 RG 1820
 DN 45.333 usec
 DE 5.00 usec
 TE 298.2 K
 DI 1.5000000 sec
 TDC 1

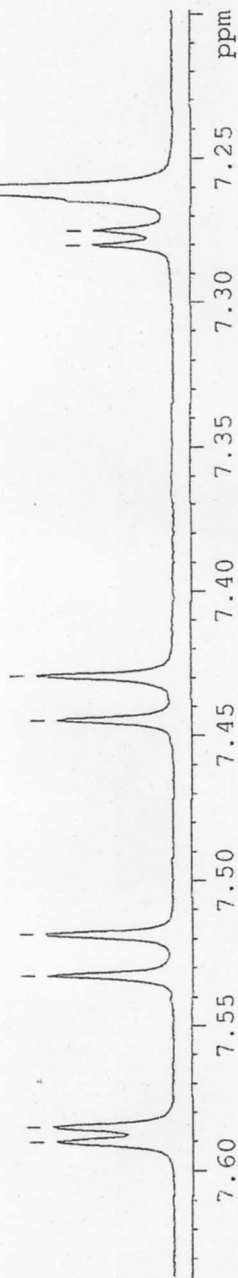
***** CHANNEL f1 *****
 NUC1 1H
 P1 3.30 usec
 PL1 -1.00 dB
 PL1W 15.17893314 W
 SF01 600.3340821 MHz

F2 - Processing parameters
 SI 32768
 SF 600.3300142 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ICC-11
 1H IN CDCL3
 AVANCE-600
 28-2-12

7.5390
 7.5385
 7.533
 7.519
 7.445
 7.429

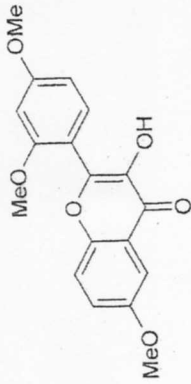
7.280
 7.275
 7.261





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Catalog No.: 22-204
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 Lot No.: 98128



SOLVENT CDC13
 NS 32
 DS 0
 SWH 11029.412 Hz
 FIDRES 0.382381 Hz
 AQ 1.3076447 sec
 RG 1820
 DW 45.333 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.30 usec
 PL1 -1.00 dB
 PLLW 15.17893314 W
 SF01 600.3340821 MHz

F2 - Processing parameters
 SI 32768
 SP 600.3300142 MHz
 EDW EM
 SSE 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ICC-11
 1H IN CDCL3
 AVANCE-600
 28-2-12

6.647
 6.644
 6.633
 6.629
 6.602
 6.598
 6.384

