



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.: 22-329

Product: 7,2',3'-TRIMETHOXYFLAVONE

Lot Number: 1212287

Chemical Formula: C₁₈H₁₆O₅

Molecular Weight: 312.33

Appearance: White powder

Melting Point: 107-108°C

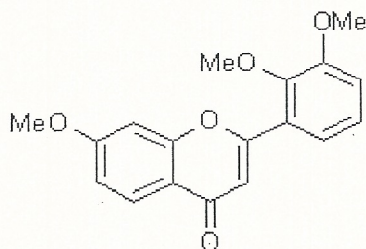
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl Acetate (1:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.68%





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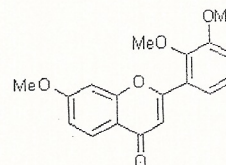
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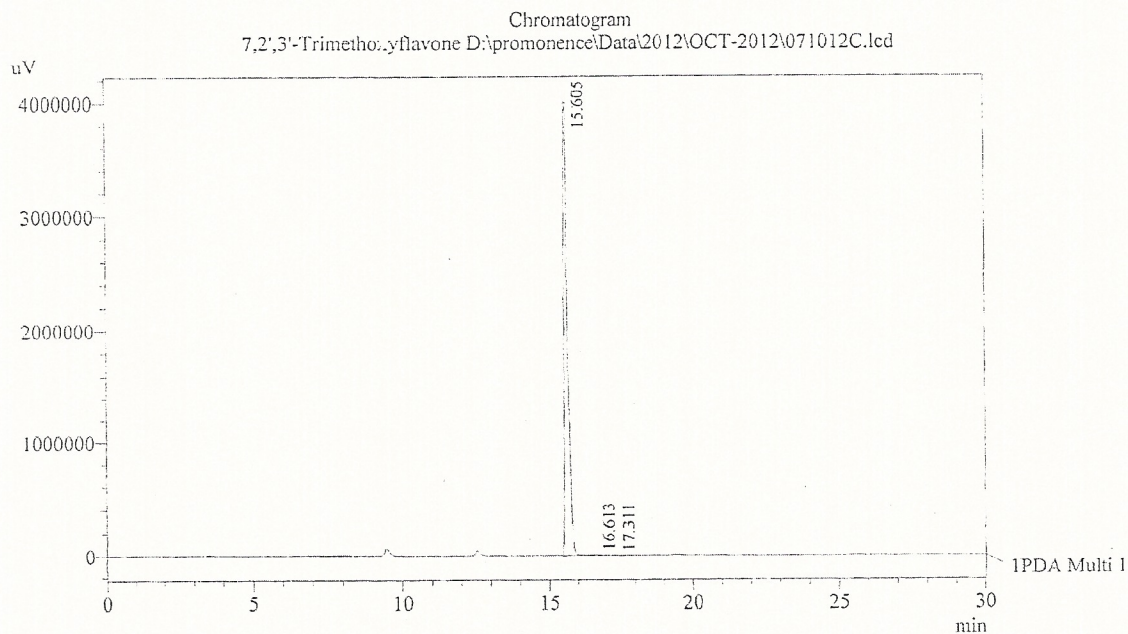
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 7,2',3'-Trimethoxyflavone
Sample ID : 25gm Lot (Herboranics)
Injection Volume : 20 uL
Data Filename : 071012C.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: 22-329
Product name: 7,2',3'-Trimethoxyflavone
Lot No.: 1212287



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



I PDA Multi 1 / 240nm 4nm

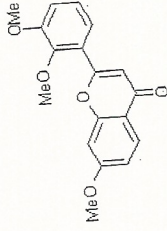
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	7,2',3'-Trimethoxyflavone	15.605	36289173	99.68	1.00
2	RT:16.613	16.613	83772	0.23	1.06
3	RT:17.311	17.311	33142	0.09	1.11
Total			36406088	100.00	



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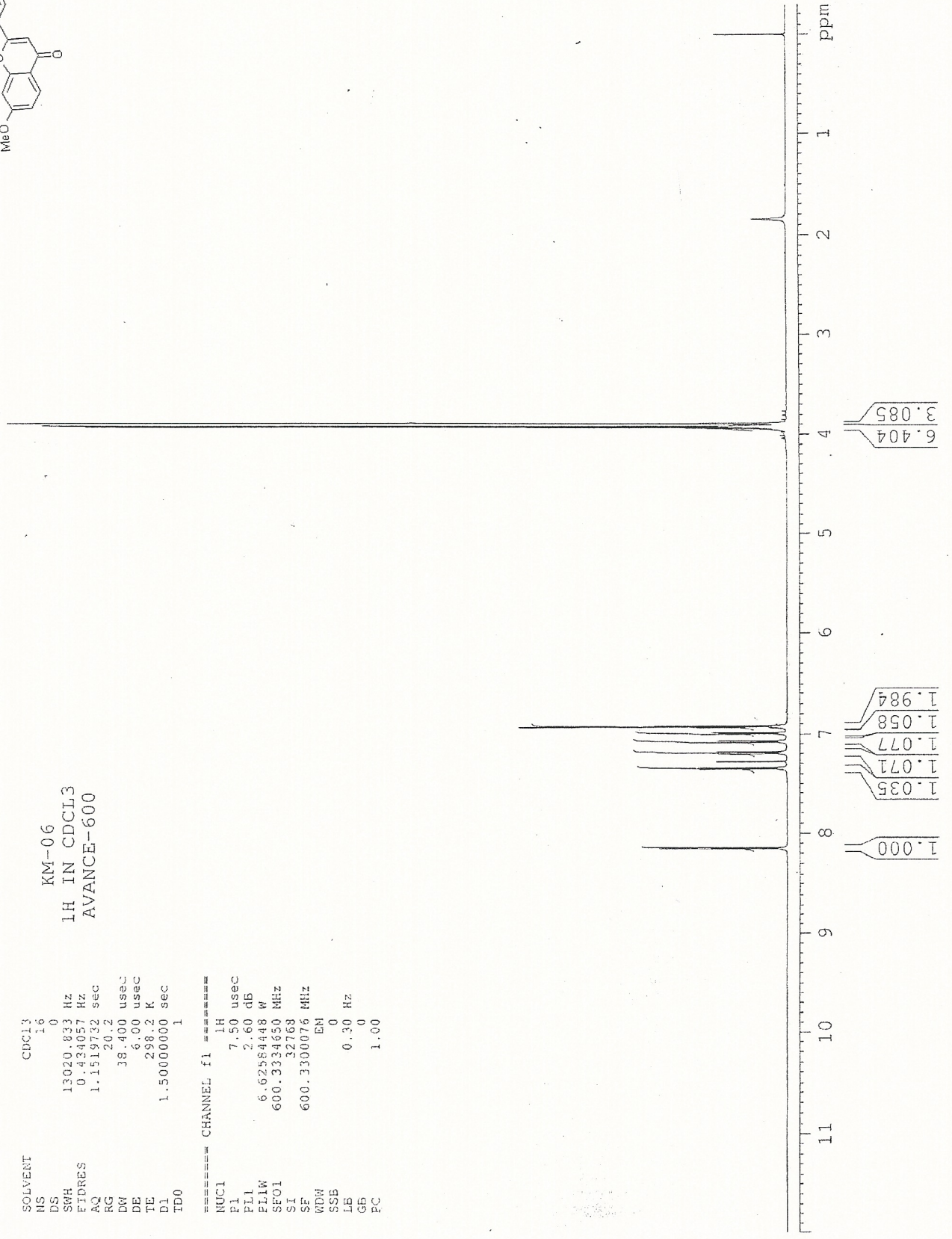
Catalog no.: 22-329
 Product name: 7,2',3'-Trimethoxyflavone
 Lot No.: 1212287



SOLVENT CDCL3
 NS 16
 DS 0
 SWH 13020.833 Hz
 FIDRES 0.434057 Hz
 AQ 1.1519732 sec
 RG 20.2
 DW 38.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

KM-06
 1H IN CDCL3
 AVANCE-600

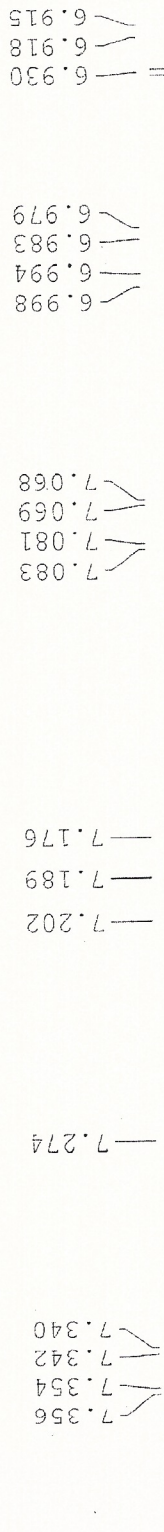
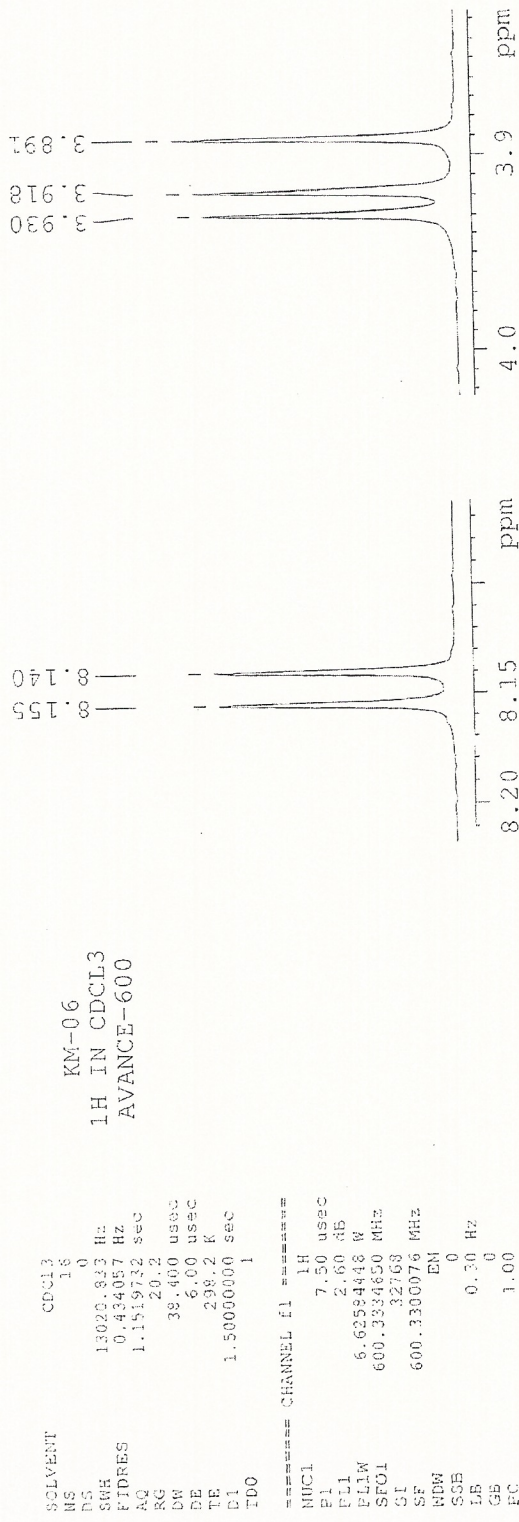
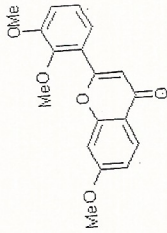
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 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3334650 MHz
 SI 32768
 SF 600.3300076 MHz
 WDW EN
 SSB 0
 LB 0.30 Hz
 GB 0
 EC 1.00





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Catalog no.: 22-329
 Product name: 7,2',3'-Trimethoxyflavone
 Lot No.: 1212287



SOLVENT CDCL3
 NS 18
 DS 0
 SWH 13020.833 Hz
 FIDRES 0.434057 Hz
 AQ 1.1519732 sec
 RG 20.2
 DW 38.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL 2.60 dB
 FL1W 6.63584448 W
 SFOL 600.3334850 MHz
 C1 32768
 SF 600.3330076 MHz
 EN
 SGB 0
 LB 0.30 Hz
 GB 0
 FC 1.00

KM-06
 1H IN CDCL3
 AVANCE-600