



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: L-102

Product Name: **5,7,3',4'-TETRAMETHOXYFLAVONE**
(Luteolin tetramethylether)

CAS Number: [855-97-0]

Lot Number: 98126

Chemical Formula: C₁₉H₁₈O₆

Molecular Weight: 342.35

Melting Point: 190-192°C

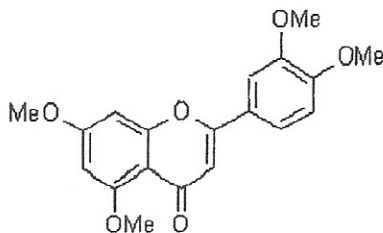
Appearance: White fluffy powder

Solubility: Soluble in chloroform

TLC: Chloroform : methanol (9.5:0.5)

Storage: Cool dry place

Purity(HPLC): 99.88%





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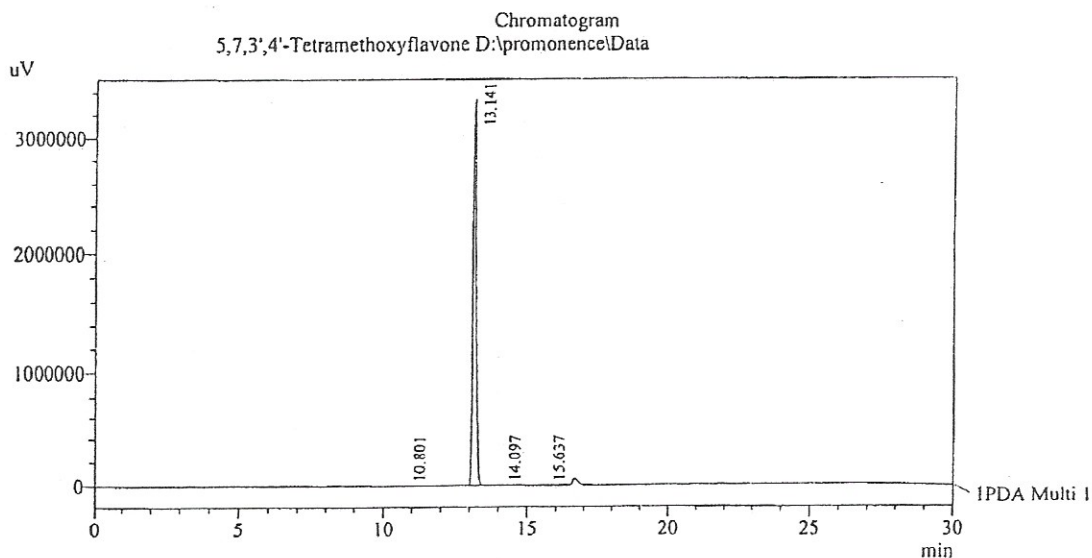
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 5,7,3',4'-Tetramethoxyflavone
 Sample ID : Lot No:- 98126
 Injection Volume : 20 uL
 Data Filename : 170112D.lcd
 Method Filename : Linear Gradient.M.lcm

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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
25.0	10	90
28.0	90	10
30.0	90	10



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

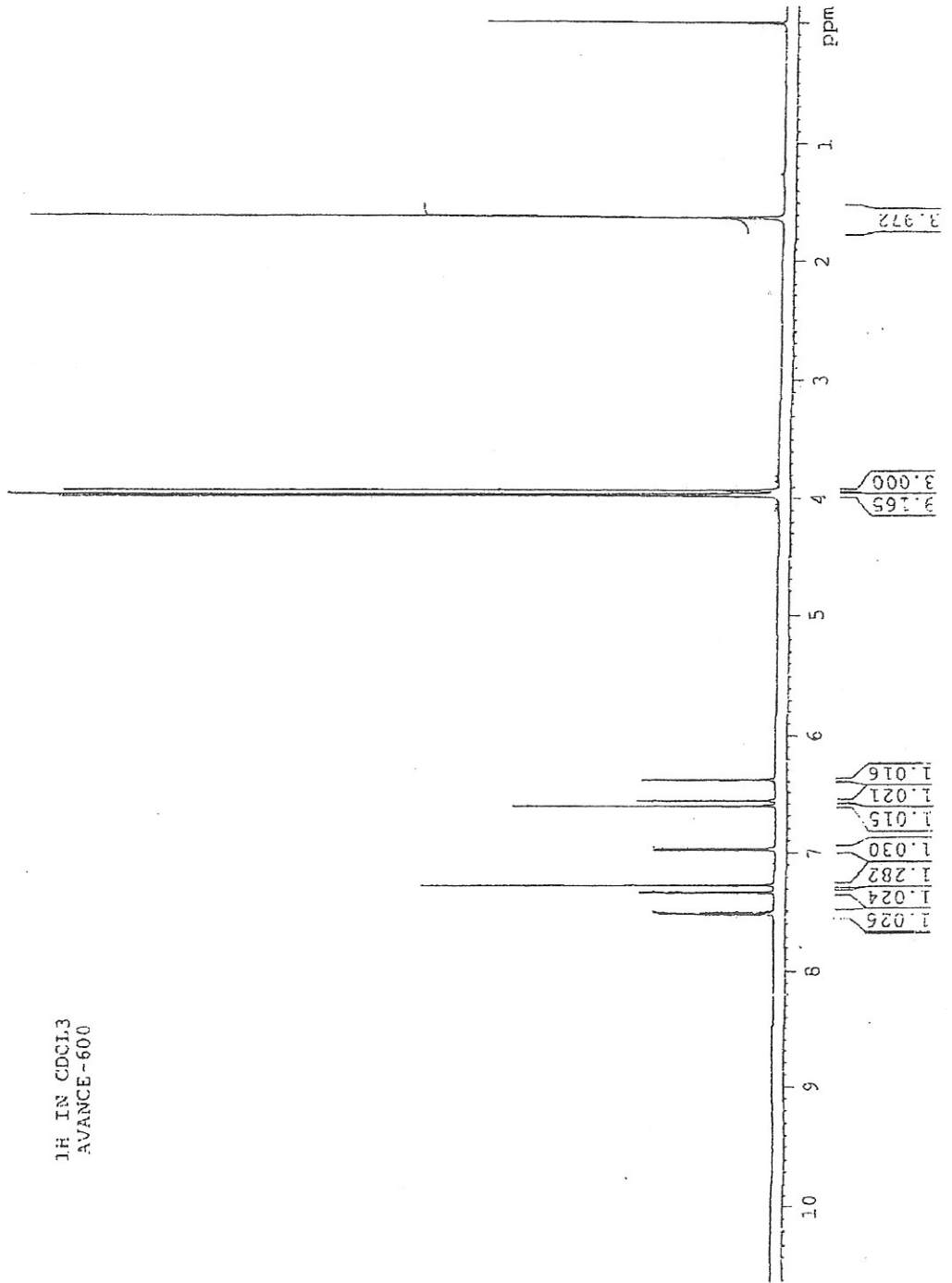
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.801	10.801	7648	0.03	0.82
2	RT:13.141	13.141	26490689	99.88	1.00
3	RT:14.097	14.097	12140	0.05	1.07
4	RT:15.637	15.637	11724	0.04	1.19
Total			26522200	100.00	

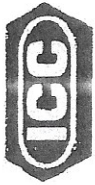


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Product name: 5,7,3',4'-Tetramethoxyflavone
Lot No.: 98126

¹H IN CDCl₃
AVANCE-600

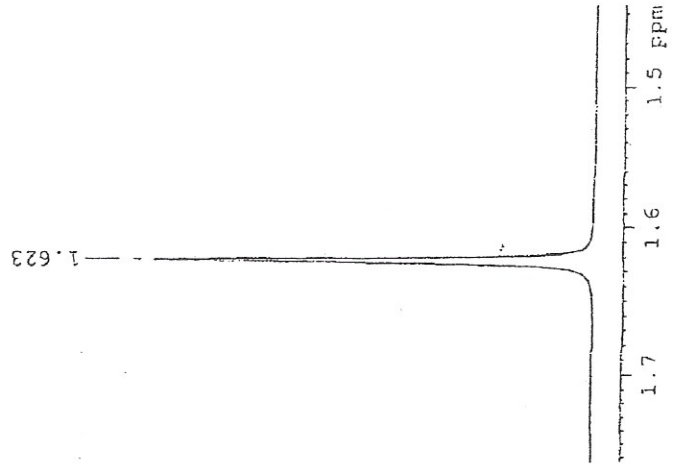
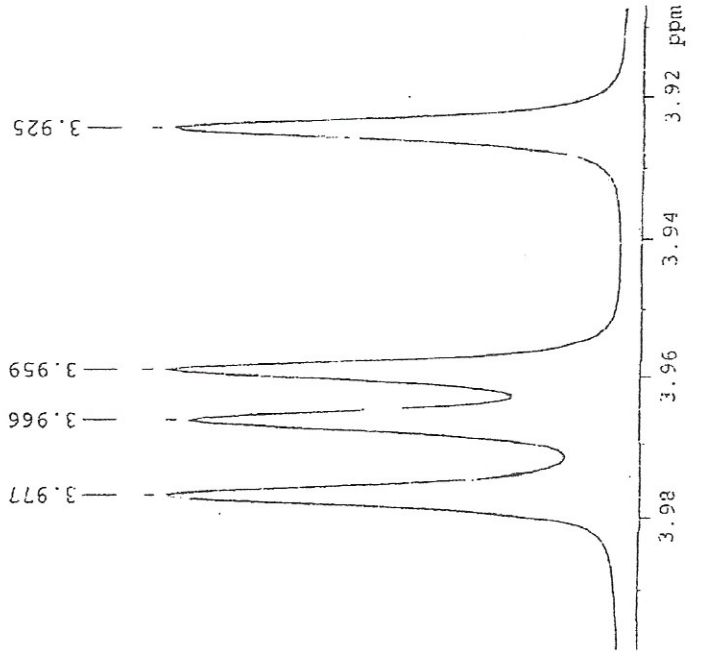




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