



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: D-431

Product Name: **7,4'-DIMETHOXYFLAVONE**

Cas Number: [20979-50-4]

Lot Number: 88021

Chemical Formula: C₁₇H₁₄O₄

Molecular Weight: 282.29

Melting Point: 150-152°C

Appearance: White powder

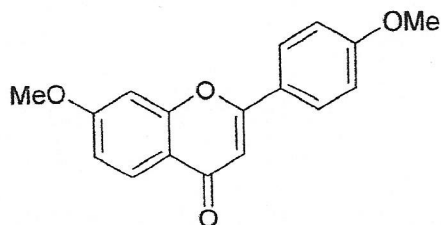
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (1:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity (HPLC): 99.65%





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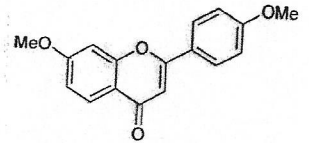
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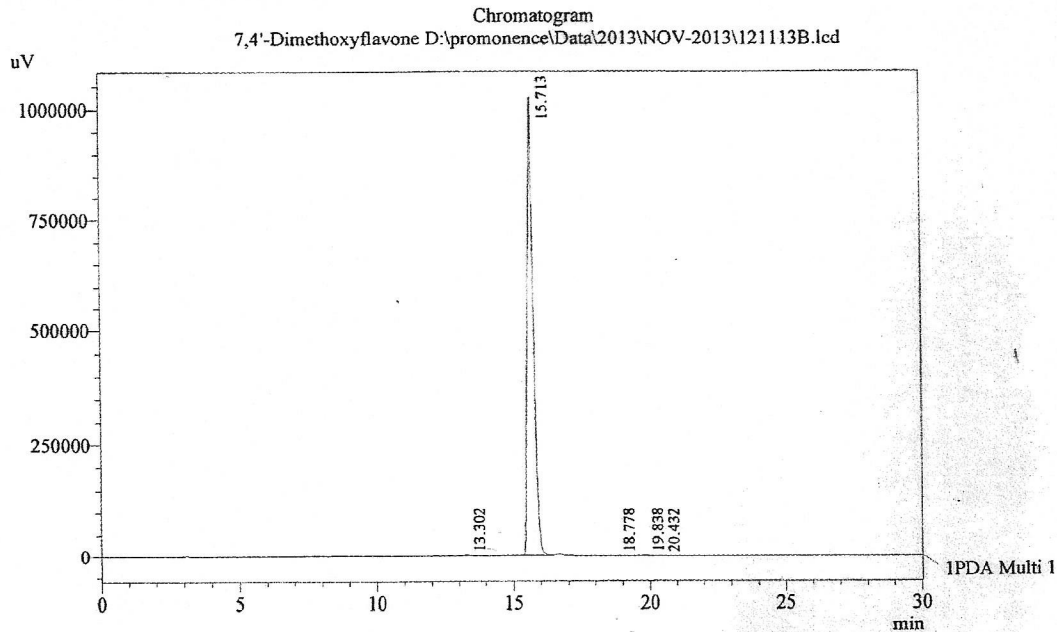
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 7,4'-Dimethoxyflavone
Sample ID : Lot-No-88021
Injection Volume : 20 uL
Data Filename : 121113B.lcd
Method Filename : Linear Gradient.M.lcm

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Lot No.: 88021



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
Diluent : Diluent Blank



1 PDA Multi 1 / 240nm 4nm

PeakTable

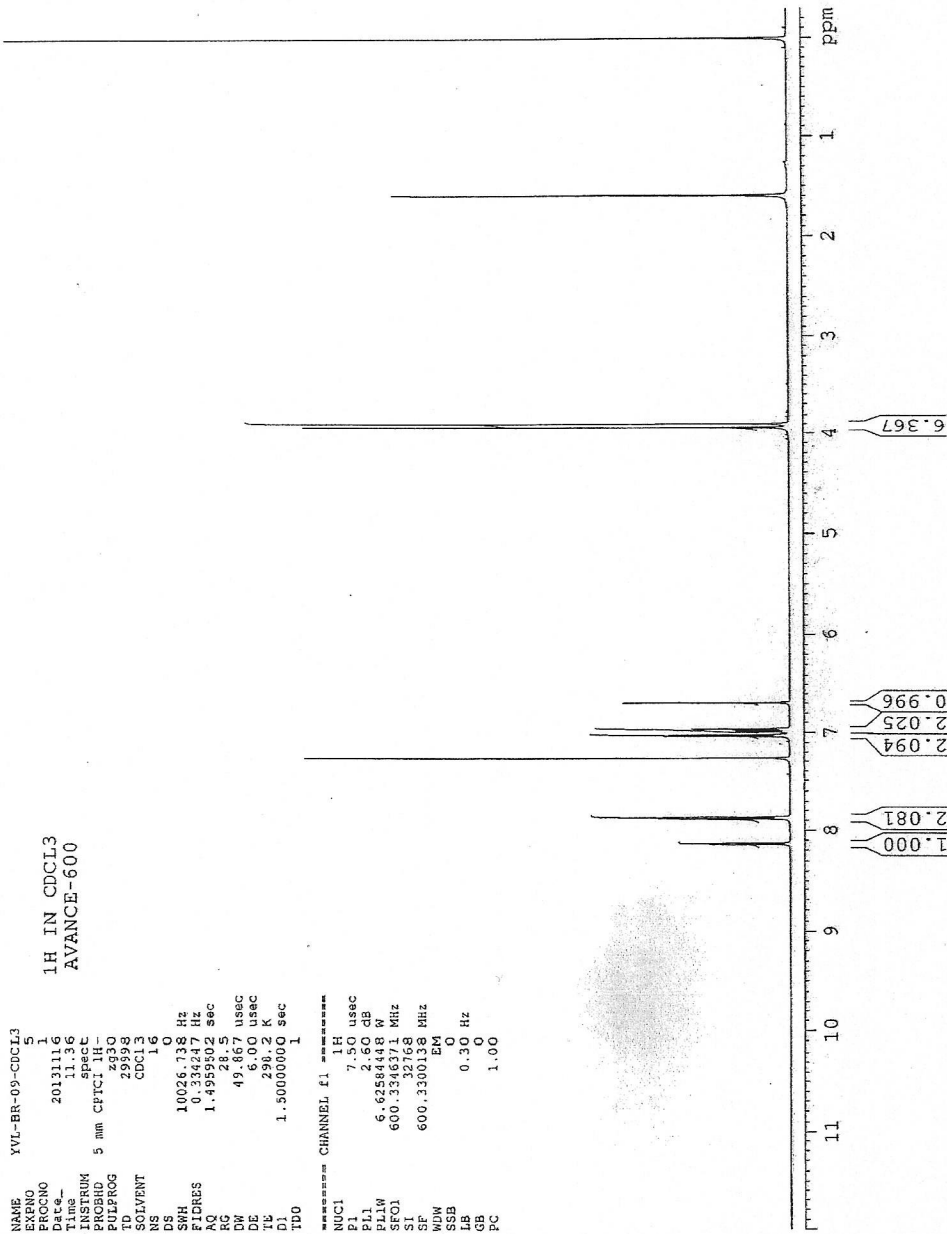
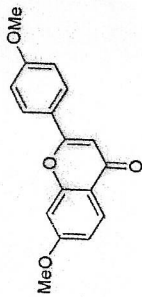
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.302	13.302	31208	0.20	0.85
2	7,4'-Dimethoxyflavone	15.713	15494594	99.65	1.00
3	RT:18.778	18.778	6589	0.04	1.20
4	RT:19.838	19.838	14403	0.09	1.26
5	RT:20.432	20.432	2287	0.01	1.30
Total			15549081	100.00	



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