



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.: D-431

Product: 7,4'-DIMETHOXYFLAVONE

Cas Number: [20979-50-4]

Lot Number: 1003019

Chemical Formula: C₁₇H₁₄O₄

Molecular Weight: 282.30

Melting Point: 154-155.6°C

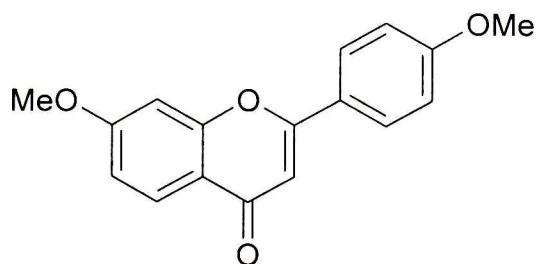
Appearance: White powder

TLC: Hexane:Ethyl acetate (1:1)

Solubility: Soluble in chloroform

Storage: Cool dry place

Assay (HPLC): 99.58%





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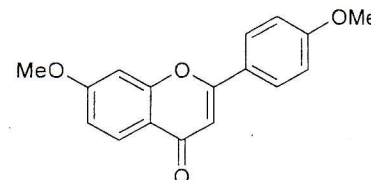
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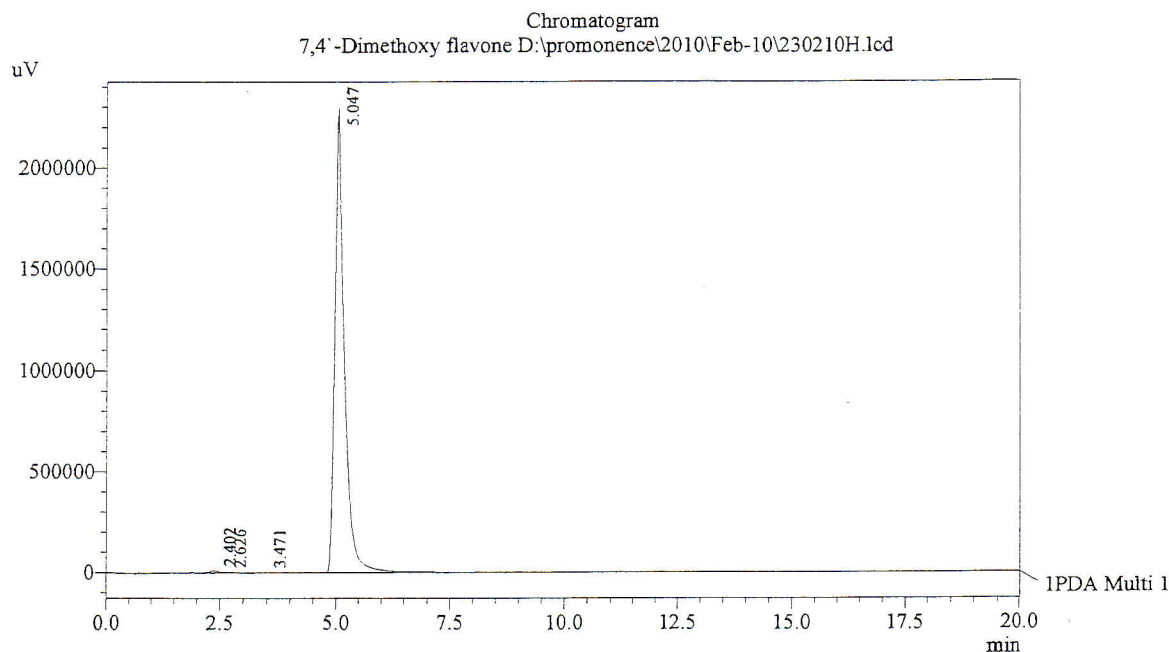
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HPLC ANALYSIS

Date Acquired : 2/23/2010 3:52:53 PM Cat. No.: D-431
Acquired by : Madhuri Product: 7,4'-Dimethoxyflavone
Sample Name : 7,4'-Dimethoxy flavone Lot No.: 1003019
Sample ID : Madars Sample
Injection Volume : 20 uL
Data Filename : 230210H.lcd
Method Filename : Linear Isocratic.M.lcm



Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(20% 0.01% H3PO4Buffer PH-5) : B(80% ACN)



1 PDA Multi 1 / 210nm 4nm

PeakTable

PDA Ch1 210nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	2.402	122019	10106	0.367
2	2.626	2562	692	0.008
3	3.471	13039	673	0.039
4	5.047	33098169	2297520	99.586
Total		33235788	2308992	100.000