



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-024

Product Name: **7,8-DIMETHOXYFLAVONE**

CAS Number: [65548-54-1]

Lot Number: 93005

Chemical Formula: C₁₇H₁₄O₄

Molecular Weight: 282.30

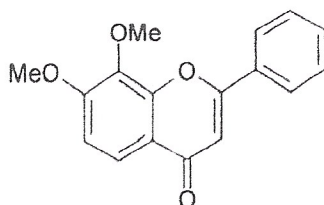
Melting Point: 151-152°C

Appearance: White fluffy powder

Solubility: Soluble in acetone, chloroform

Storage: Store in a cool, dry place

Purity(HPLC): 99.51%



Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and approved by:

Sujata Moton

S. Moton

VP



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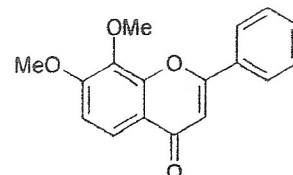
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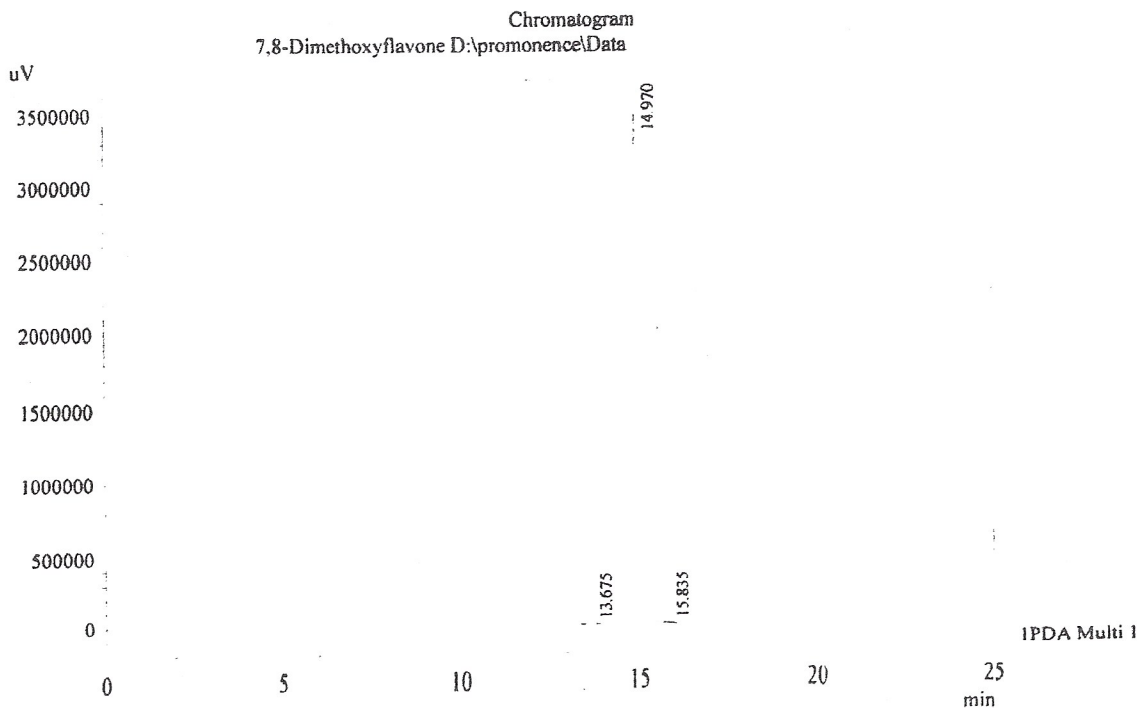
HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 7,8-Dimethoxyflavone
 Sample ID : Lot No:93005
 Injection Volume : 20 uL
 Data Filename : 301015A.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: D-024
 Product Name: 7,8-Dimethoxyflavone
 Lot No.: 93005



Column : Gemini 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
 25.0 90 10



1 PDA Multi 1 / 240nm 4nm

PDA Ch1 240nm 4nm

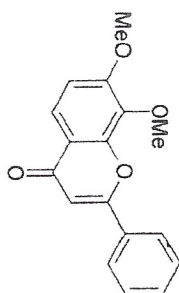
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.675	13.675	100076	0.32	0.91
2	7,8-Dimethoxyflavone	14.970	31607793	99.51	1.00
3	RT:15.835	15.835	55085	0.17	1.06
Total			31762954	100.00	

Prepared by:
Ramesh Mandadi
 Ramesh Mandadi
 Director of Operations

Reviewed and approved by:
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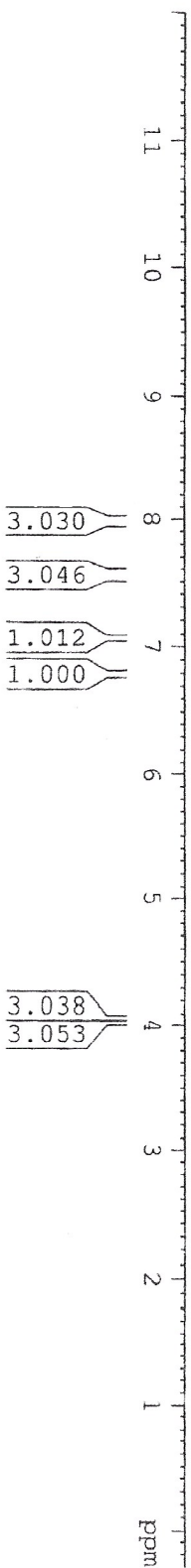


Catalog No.: D-024
Product Name: 7,8-Dimethoxyflavone
Lot No.: 93005

SOLVENT CDC13
NS 8
DS 0
SMH 11094.675 Hz
FIDRES 0.333354 Hz
AQ 1.4999888 sec
RG 25.4
DW 45.067 usec
DE 5.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

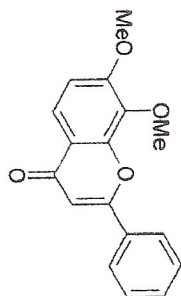
1H IN CDCL3
AVANCE-600

===== CHANNEL F1 =====
NUC1 1H
F1 7.50 usec
P1a 2.97 dB
P1TW 6.09128809 W
SFO1 600.3346850 MHz
SI 32.768
SE 600.3300117 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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Catalog No.: D-024
Product Name: 7,8-Dimethoxyflavone
Lot No.: 93005

SOLVENT CDCL3
NS 8
DS 0
SMH 11094.675 Hz
FIDRES 0.333354 Hz
AQ 1.4999588 sec
RG 25.4
DN 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

===== CHANNEL F1 =====
NUC1 1H
PL 7.50 usec
PL1 2.97 dB
PL1W 6.09128809 W
SFO1 600.3346850 MHz
SI 32768
ST 600.3300117 MHz
WDW EM
SSB 0
LB 0.36 Hz
GB 0
PC 1.00

