



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: M-015

Product Name: **6-METHOXYFLAVONE**

Cas Number: [26964-24-9]

Lot Number: 98016

Chemical Formula: C₁₆H₁₂O₃

Molecular Weight: 252.27

Appearance: White fluffy shining powder

Melting Point: 162-164°C

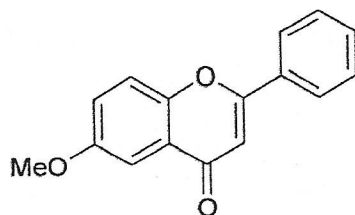
Solubility: Soluble in chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity (HPLC): 99.91%





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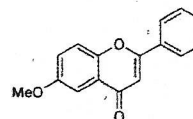
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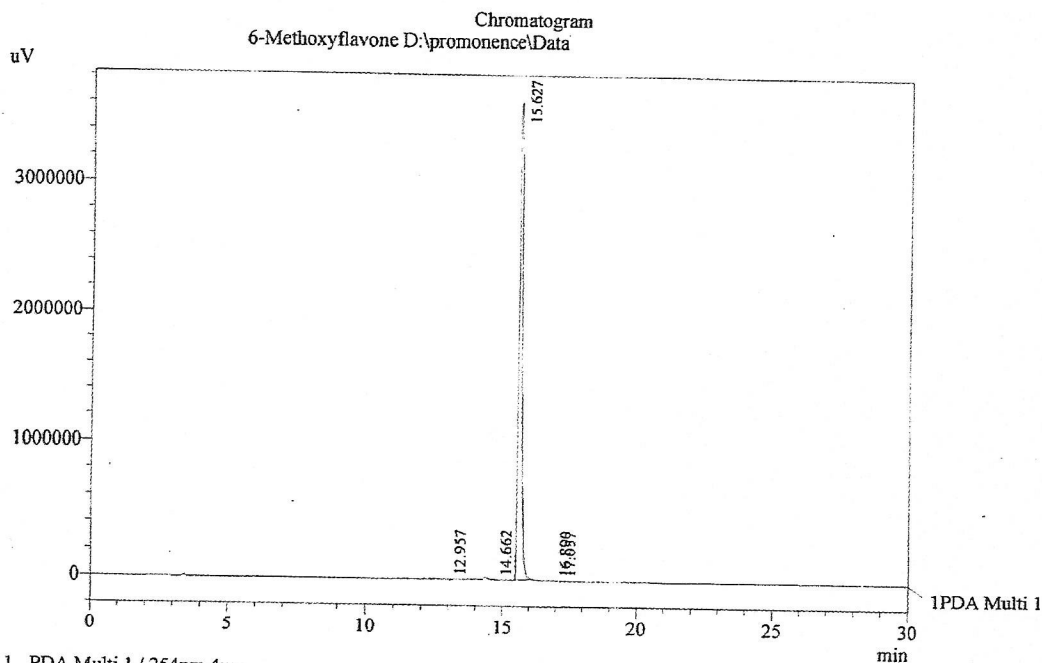
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 6-Methoxyflavone
Sample ID : Lot No: 98016
Injection Volume : 20 uL
Data Filename : 170614H.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: M-015
Product Name: 6-Methoxyflavone
Lot No.: 98016



Column : Gemini-C18 (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 : Acetonitrile



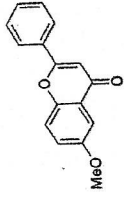
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.957	12.957	5614	0.02	0.83
2	RT:14.662	14.662	9940	0.03	0.94
3	6-Methoxyflavone	15.627	33337888	99.91	1.00
4	RT:16.890	16.890	11016	0.03	1.08
5	RT:17.057	17.057	2781	0.01	1.09
Total			33367238	100.00	



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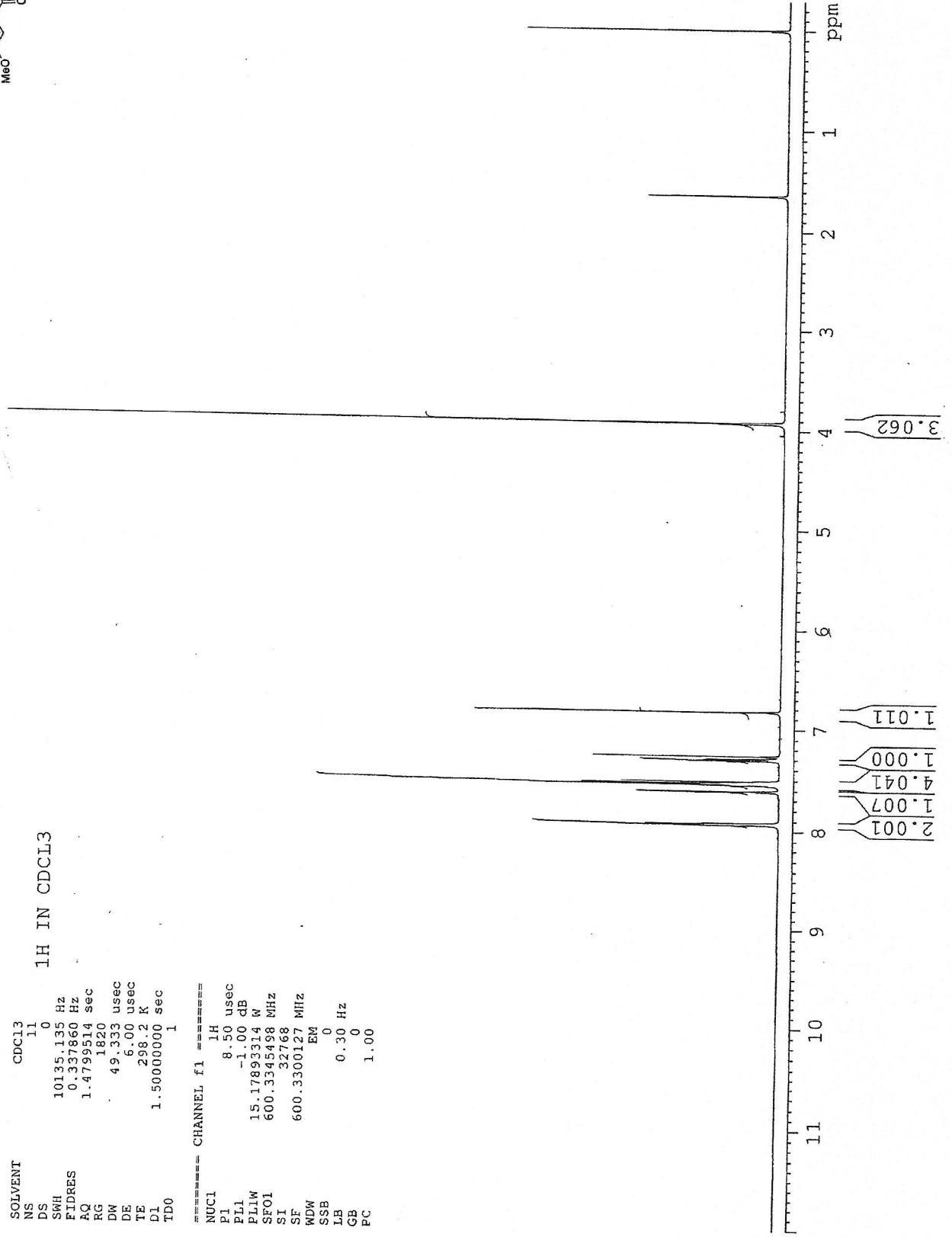
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SOLVENT CDCL3
NS 11
DS 0
SWH 10135.135 Hz
FIDRES 0.337860 Hz
AQ 1.4799514 sec
RG 1820
DM 49.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3

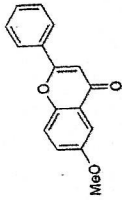
===== CHANNEL f1 =====
NUC1 1H
PI 8.50 usec
PLI -1.00 dB
PLIW 15.17893314 W
SFO1 600.3345498 MHz
SI 32768
SF 600.3300127 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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SOLVENT CDCL3
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 FIDRES 0.337860 Hz
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 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

1H IN CDCL3

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