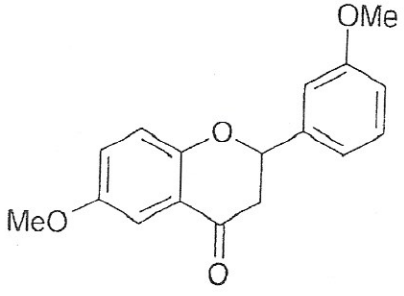
INDOFINE Chemical Company, Inc.
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.
Phone: (908) 359-6778 • FAX: (908) 359-1179
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number:	22-365
Produc Name:	**6,3'-DIMETHOXYFLAVANONE**
Lot Number:	1611929
Chemical Formula:	$C_{17}H_{15}O_4$
Molecular Weight:	284.31
Melting Point:	120-122°C
Appearance:	Pale yellow powder
Moisture(KF):	0.33%
Solubility:	Soluble in Chloroform
TLC:	Hexane:Ethyl acetate (1:1)
NMR Spectrum:	Enclosed (conforms to the structure)
Storage:	Store in a cool, dry place
Purity(HPLC):	99.20%



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HPLC ANALYSIS

Acquired by : Admin
Sample Name : 6,3'-Dimethoxyflavanone

Injection Volume : 1 uL
Data Filename : 170916G.lcd
Method Filename : Isocratic Method.lcm
Report Filename : Default.lcr

Column : Gemini C-18(2), (250mm x4.6mm 5.0µ)
Flow :1.000 mL/min.
Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)

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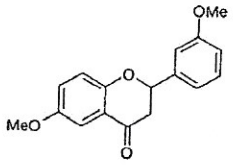
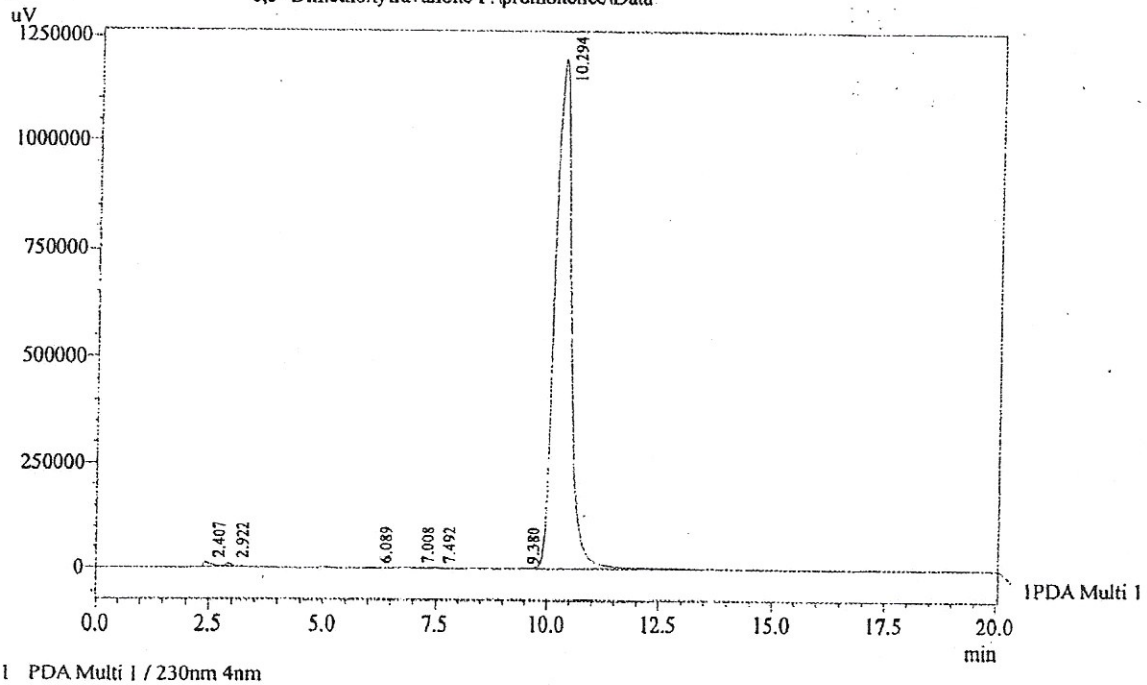


Chromatogram
6,3'-Dimethoxyflavanone F:\promonence\Data



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1		2.407	122917	0.39	0.00
2	RT:2.922	2.922	58244	0.18	0.00
3	RT:6.089	6.089	24134	0.08	0.00
4	RT:7.008	7.008	896	0.00	0.00
5	RT:7.492	7.492	26556	0.08	0.00
6	RT:9.380	9.380	20599	0.07	0.00
7	RT:10.294	10.294	31291922	99.20	0.00
Total			31545268	100.00	

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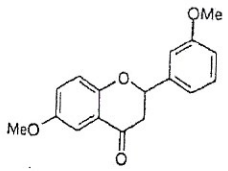

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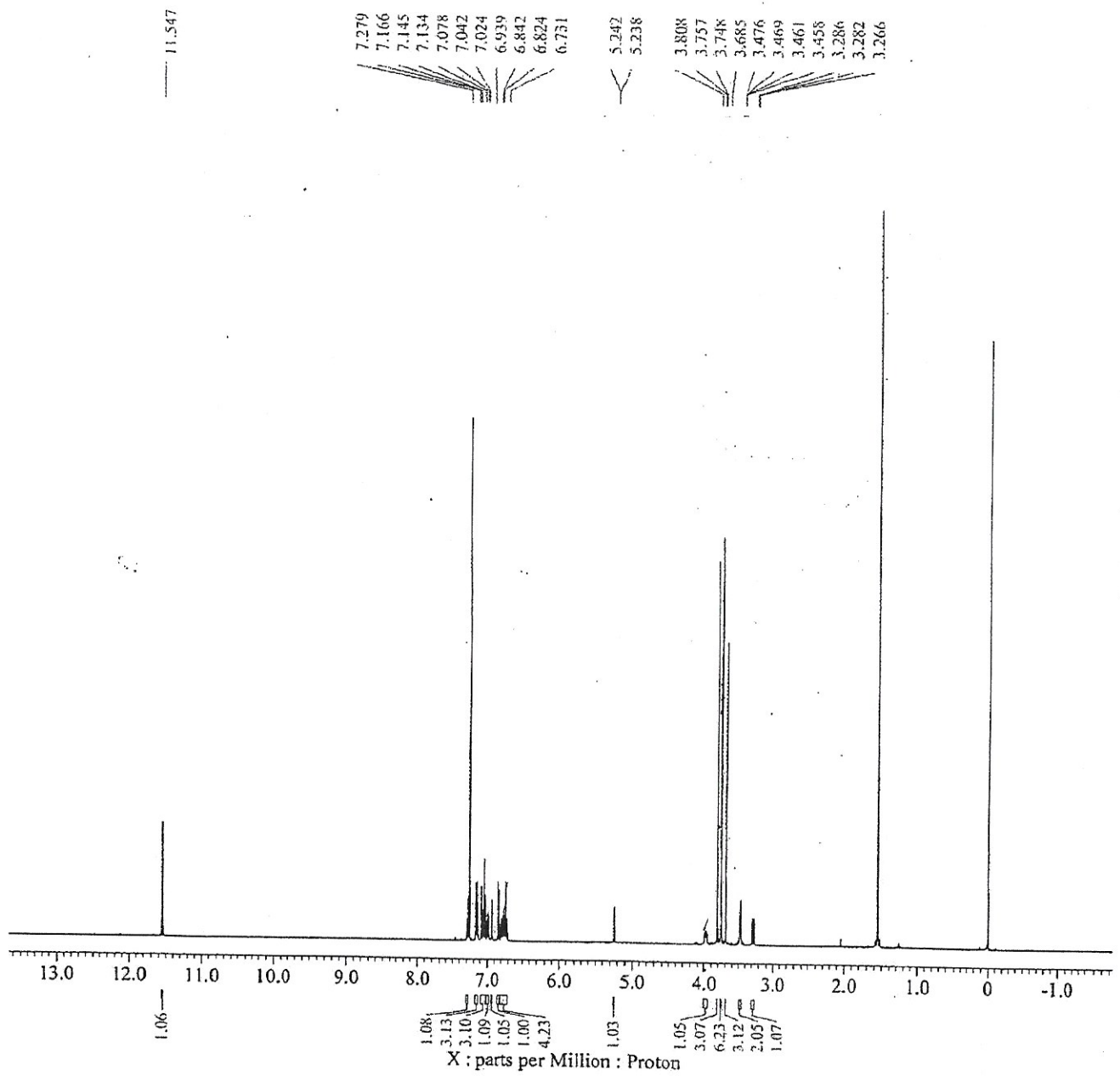
Product Name: 6,3'-Dimethoxyflavanone
Lot No.: 1611929

6,3-DMF A_RC_proton-1-2.jdf



JEOL
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```
---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: 6,3-DMF A_RC_proton-1-1.jdf

Filename          = 6,3-DMF A_RC_proton-1-2.
Instrument id     - NMR-02
Author            = gry1243
Reviewed by       - GRY
Solvent           = CHLOROFORM-D
Spectrometer      = JNM-ECZ500R/S1
Experiment        = proton.jxp

Acquisition Parameter
X_Domain          = 1H
X_Offset          = 7.0[ppm]
X_Sweep           = 11.28158845[kHz]
Scans             = 16
Relaxation_Delay  = 2[s]
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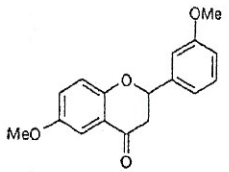

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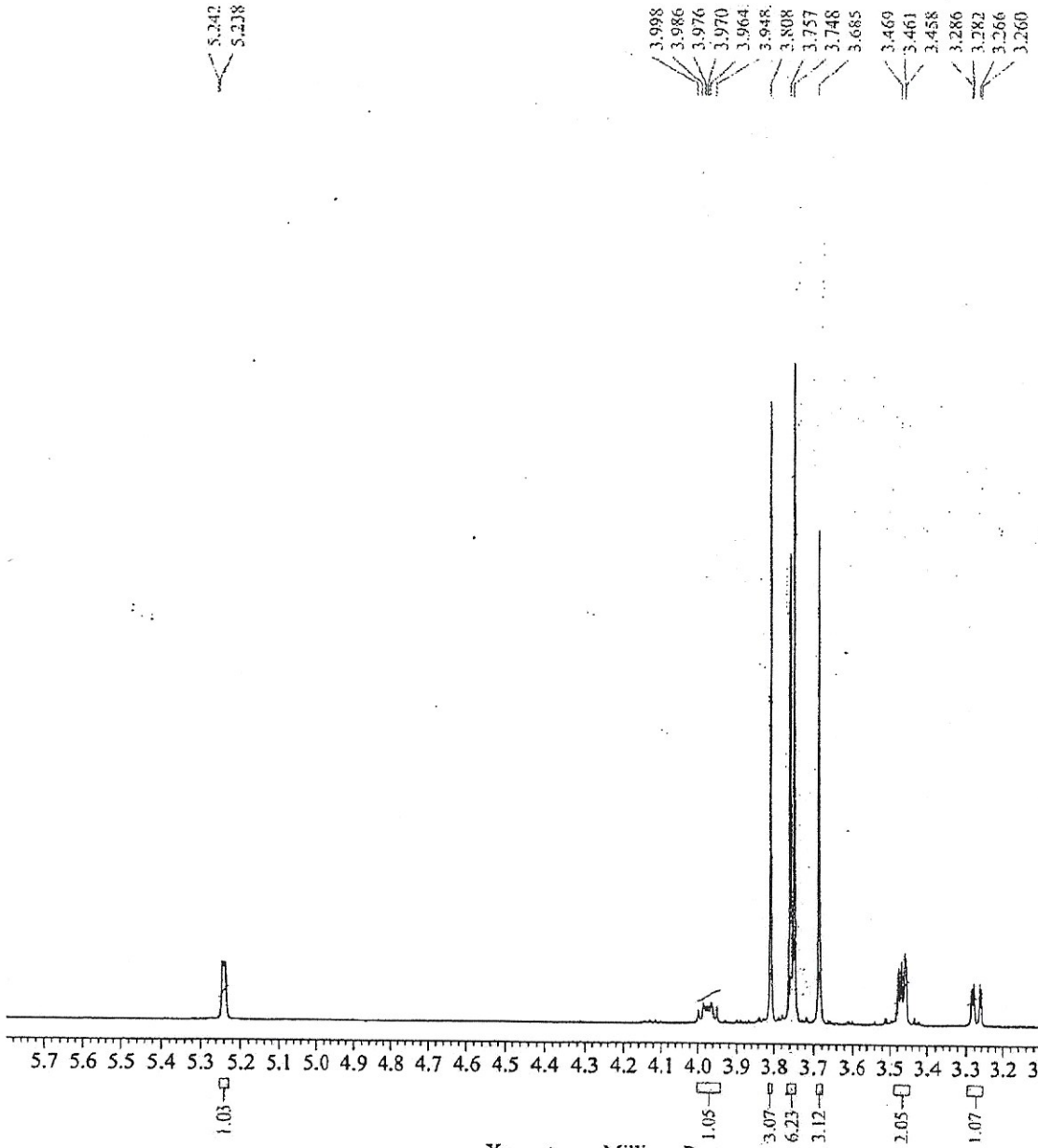
Lot No.: 1611929

6,3-DMF A_RC_proton-1-2.jdf



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sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: 6,3-DMF A_RC_proton-1-1.jdf

Filename          = 6,3-DMF A_RC_proton-1-2.:
Instrument id     - NMR-02
Author            = gry1243
Reviewed by       - GRY
Solvent           = CHLOROFORM-D
Spectrometer      = JNM-ECZ500R/S1
Experiment        = proton.jxp

Acquisition Parameter
X_Domain          = 1H
X_Offset          = 7.0[ppm]
X_Sweep           = 11.28158845[kHz]
Scans             = 16
Relaxation_Delay  = 2[s]
```

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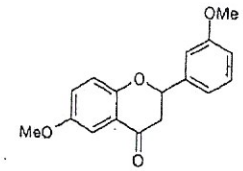

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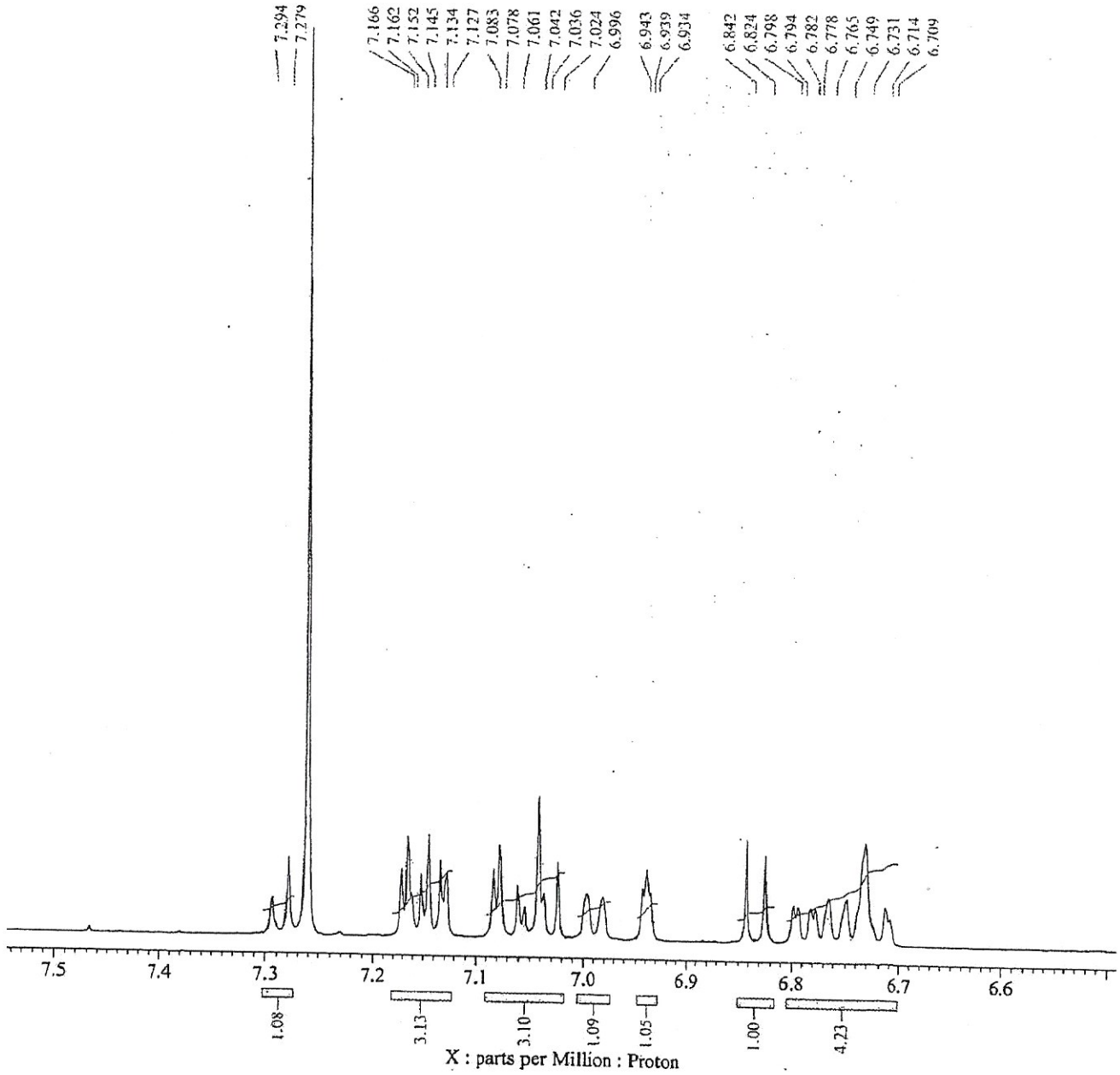
6,3-DMF A_RC_proton-1-2.jdf



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```
---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: 6,3-DMF A_RC_proton-1-1.jdf
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Filename          = 6,3-DMF A_RC_proton-1-2.;
Instrument id     - NMR-02
Author            = gryl243
Reviewed by       - GRY
Solvent           = CHLOROFORM-D
Spectrometer      = JNM-ECZ500R/S1
Experiment        = proton.jxp

Acquisition Parameter
X_Domain          = 1H
X_Offset          = 7.0[ppm]
X_Sweep           = 11.28158845[kHz]
Scans             = 16
Relaxation_Delay  = 2[s]
```