



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

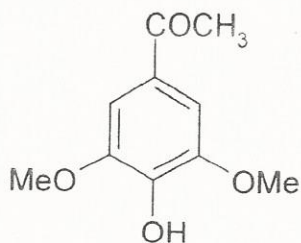
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	026001
<u>Product Name:</u>	<b>3',5'-DIMETHOXY-4'-HYDROXYACETOPHENONE</b> (Acetosyringone)
<u>Cas Number:</u>	[2478-38-8]
<u>Lot Number:</u>	1805973
<u>Chemical Formula:</u>	C <sub>10</sub> H <sub>12</sub> O <sub>4</sub>
<u>Molecular Weight:</u>	196.20
<u>Melting Point:</u>	128-130°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in chloroform
<u>Moisture (KF):</u>	0.35%
<u>TLC:</u>	Hexane:Ethylacetate (7:3)
<u>NMR Spectrum:</u>	Enclosed (conforms to the structure)
<u>Storage:</u>	Store in a cool, dry place
<u>Purity (HPLC):</u>	99.48%





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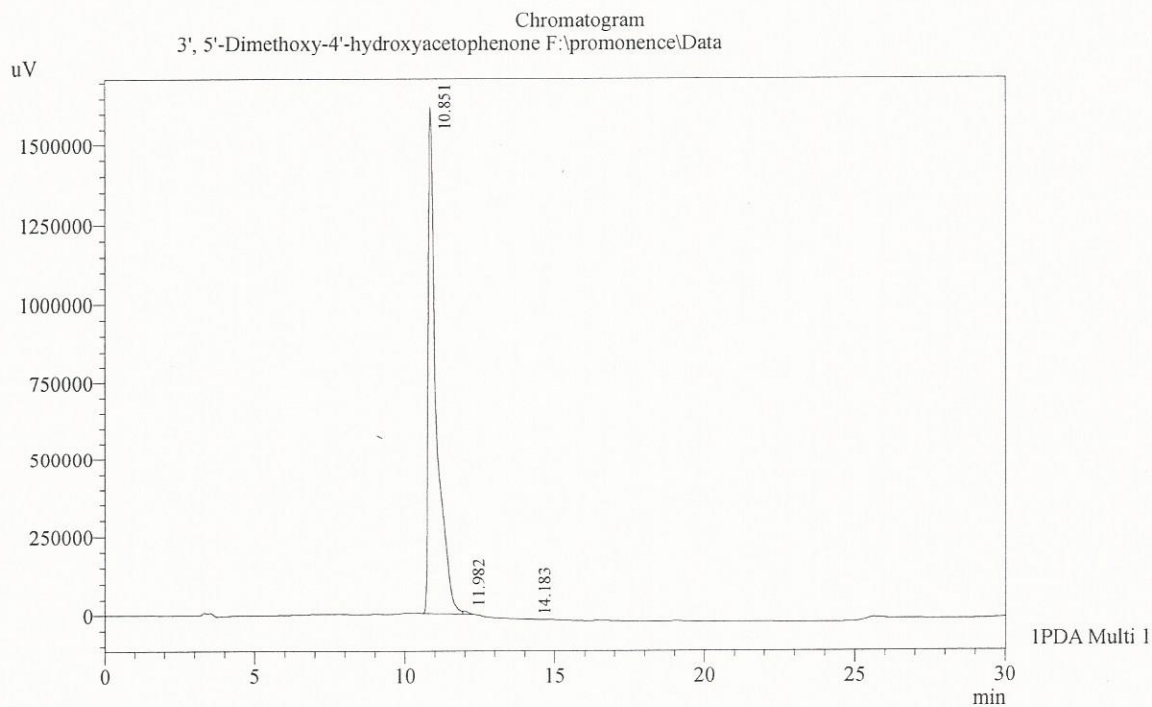
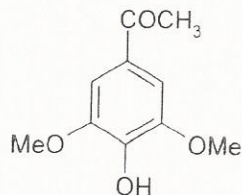
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Admin  
Sample Name : 3', 5'-Dimethoxy-4'-hydroxyacetophenone  
Sample ID : 2.0 kg  
Injection Volume : 20 uL  
Data Filename : 050518E.lcd  
Method Filename : Linear Gradient.M.lcm  
Report Filename : Default.lcr

Catalog No.: 026001  
Product Name: 3',5'-Dimethoxy-4'-hydroxyacetophenone  
(Acetosyringone)  
Lot No.: 1805973



1 PDA Multi 1 / 230nm 4nm

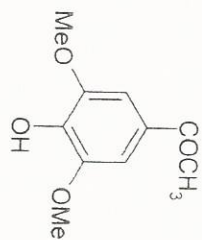
PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1	RT:10.851	10.851	1615908	99.52	1.00
2	RT:11.982	11.982	10695	0.42	1.10
3	RT:14.183	14.183	966	0.06	1.31
Total			1627569	100.00	



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 (Acetosyringone)  
 Lot No.: 1805973

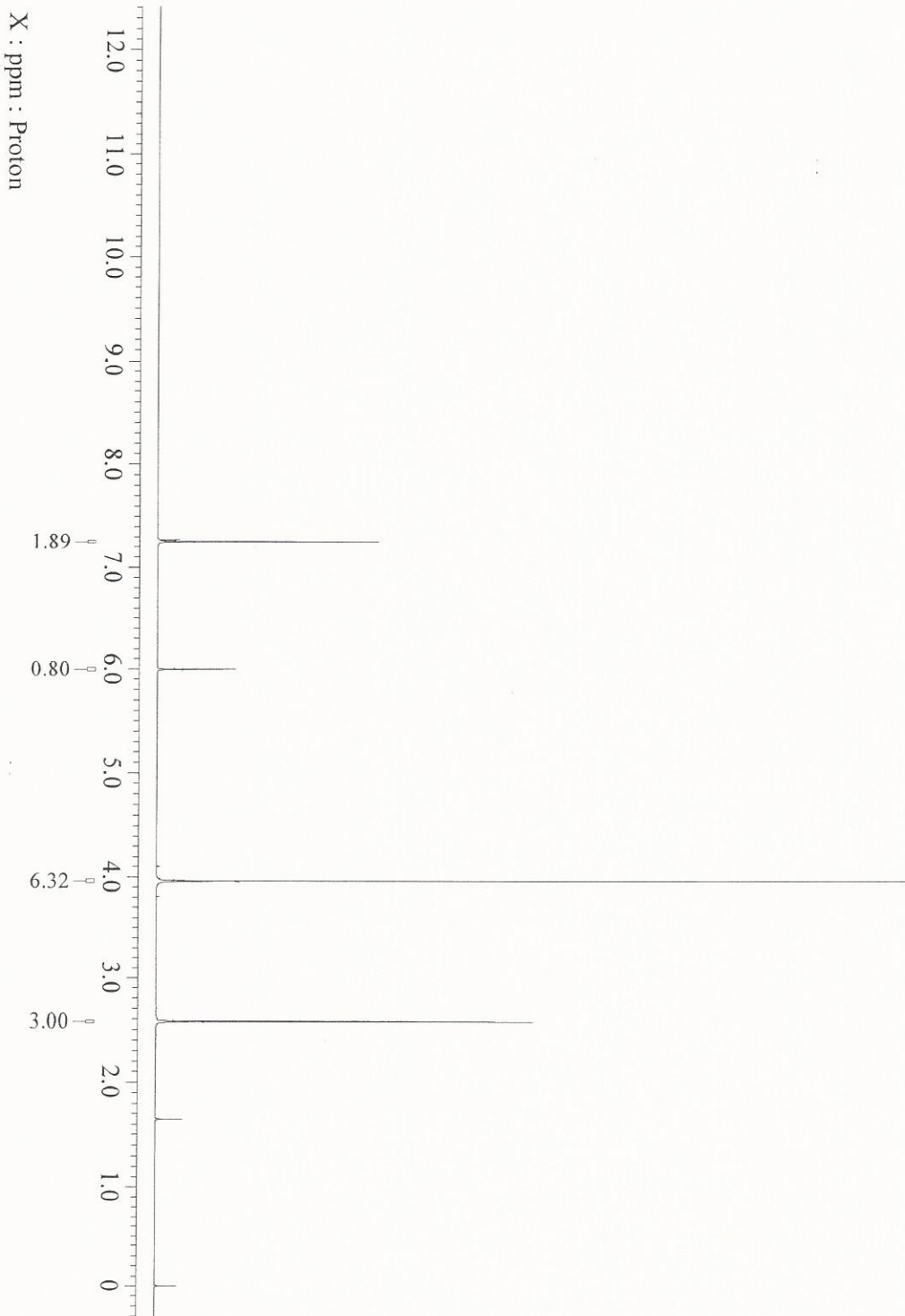
7.252  
 5.998  
 3.959  
 2.577

```

---- PROCESSING PARAMETERS ----
sexp ( 0.2[Hz], 0.0[ss] )
trapezoid ( 0[%], 0[%], 80[%], 100[%] )
zerofill ( 1 )
fft ( 1, TRUE, TRUE )
machinephase
ppm
auto_reference ( 5[%], TRUE )

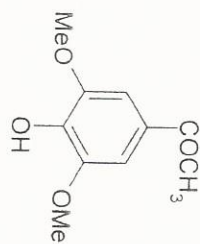
Instrument      - NMR-500MHz (JEOL)
Instrument id   - NMR-02
Author         - sr1354
Reviewed by    - Purushotham
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-ECZ500R/S1
Experiment     - proton.jsp

Acquisition Parameter
X_Domain       = 1H
X_Offset       = 7.0[ppm]
X_Sweep        = 11.28158845[kHz]
Scans          = 16
Relaxation_Delay = 2[ss]
Temp_Get       = 25.2[dc]
  
```





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 (Acetosyringone)  
 Lot No.: 1805973

```

---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[sec] )
trapzoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm
auto_reference( 5[%], TRUE )
  
```

```

Instrument      - NMR-500MHz (JZOL)
Instrument id   - NMR-02
Author         - srf1354
Reviewed by    - purushocham
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-ECZ500R/si
Experiment     - proton_jxp
  
```

```

Acquisition Parameter
X_Domain       = 1H
X_Offset       = 7.0[ppm]
X_Sweep        = 11.28158845 [kHz]
Scans          = 16
Relaxation_Delay = 2[sec]
Temp_Get       = 23.2[degC]
  
```

7.252

5.998

