



# INDOFINE Chemical Company, Inc.

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

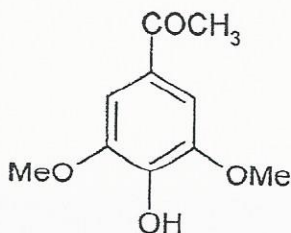
Phone: (908) 359-6778 • FAX: (908) 359-1179

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>Gas Number:</u>	[2478-38-8]
<u>Lot Number:</u>	1306343
<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>	125-127°C
<u>Appearance:</u>	Cream color powder
<u>Solubility:</u>	Soluble in chloroform
<u>Moisture (KF):</u>	0.4%
<u>TLC:</u>	Hexane:Ethylacetate (7:3)
<u>NMR Spectrum:</u>	Enclosed (Confirms to the structure)
<u>Storage:</u>	Cool dry place
<u>Purity (HPLC):</u>	99.79%





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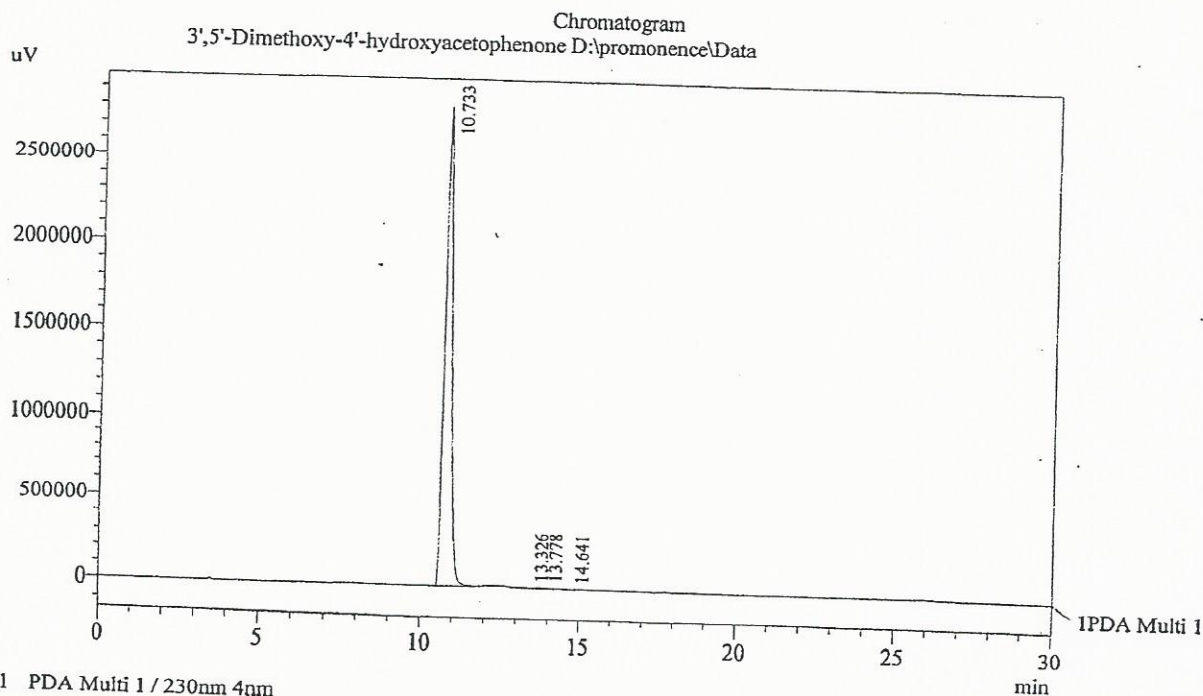
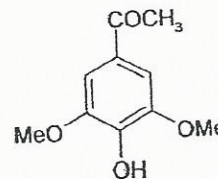
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Sanjeev  
 Sample Name : 3',5'-Dimethoxy-4'-hydroxyacetophenone  
 Sample ID : 3.0 Kg Lot  
 Injection Volume : 20 uL  
 Data Filename : 210613E.lcd  
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 026001  
 Product name: 3',5'-Dimethoxy-4'-hydroxyacetophenone  
 Lot No.: 1306343

Column : LUNA 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 .0  
 12.0 10 90  
 20.0 10 90  
 23.0 90 10  
 30.0 90 10  
 Diluent : Acetonitrile



PDA Ch1 230nm 4nm

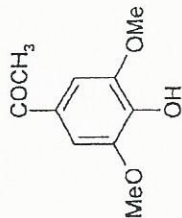
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	Acetosyringone	10.733	43035080	99.79	1.00
2	RT:13.326	13.326	24847	0.06	1.24
3	RT:13.778	13.778	58827	0.14	1.28
4	RT:14.641	14.641	6231	0.01	1.36
Total			43124986	100.00	



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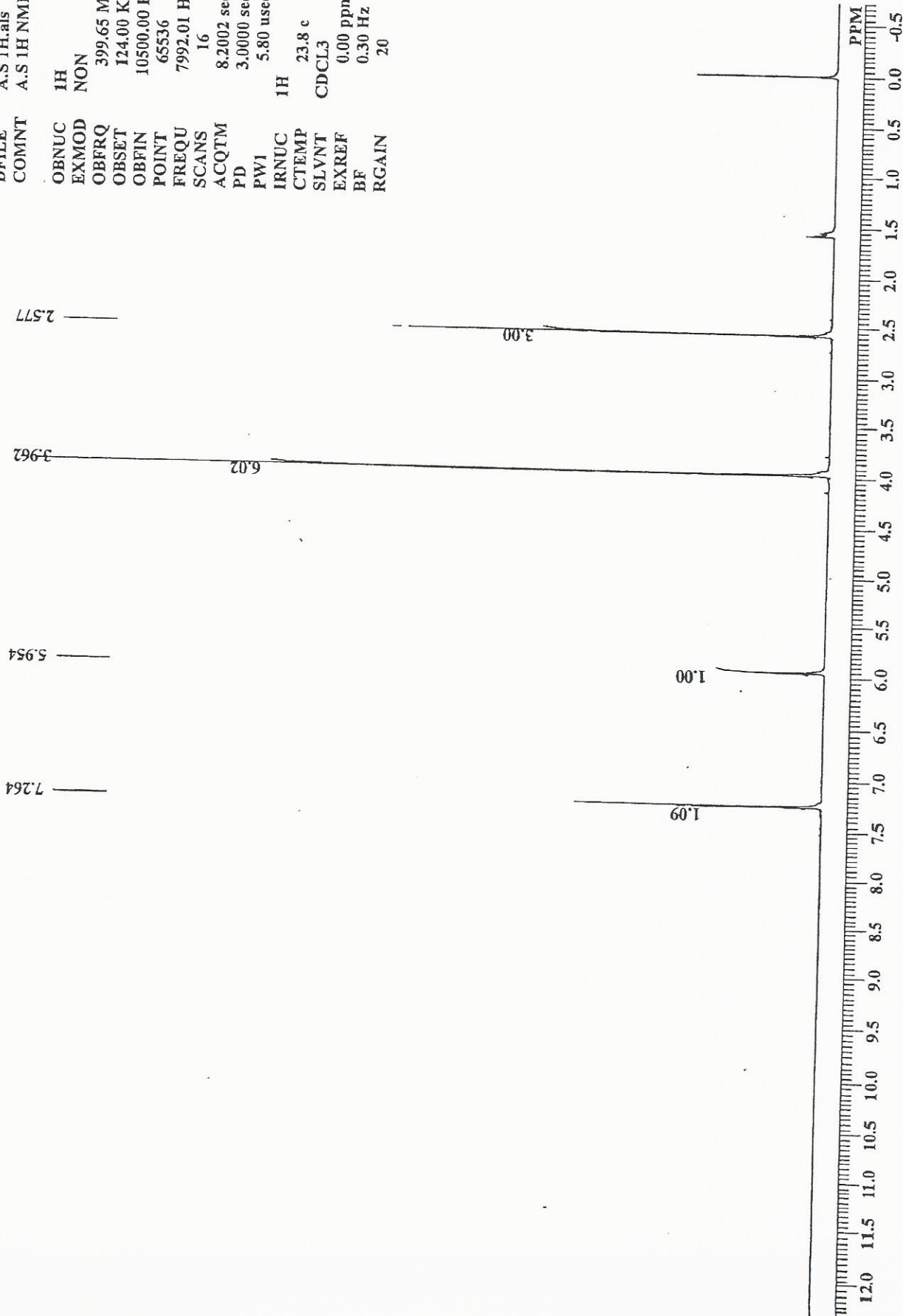
Catalog No.: 026001  
Product name: 3',5'-Dimethoxy-4'-hydroxy  
acetophenone  
Lot No.: 1306343



A.S 1H NMR CDC13

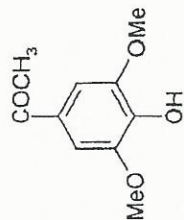
Analysed By : TJR

DFILE A.S 1H.als  
COMNT A.S 1H NMR CDC13  
OBNUC 1H  
EXMOD NON  
OBFRQ 399.65 MHz  
OBSET 124.00 KHz  
OBFIN 10500.00 Hz  
POINT 65536  
FREQU 7992.01 Hz  
SCANS 16  
ACQTM 8.2002 sec  
PD 3.0000 sec  
PW1 5.80 usec  
IRNUC 1H  
CTEMP 23.8 c  
SLVNT CDCL3  
EXREF 0.00 ppm  
BF 0.30 Hz  
RGAIN 20





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Catalog No.: 026001  
Product name: 3',5'-Dimethoxy-4'-hydroxyacetophenone  
Lot No.: 1306343

A.S 1H NMR CDC13

Analysed By: TJR

DFILE A.S 1H.a1s  
COMNT A.S 1H NMR CDC13  
OBNUC 1H  
EXMOD NON  
OBFRQ 399.65 MHz  
OBSET 124.00 KHz  
OBFIN 10500.00 Hz  
POINT 65536  
FREQU 7992.01 Hz  
SCANS 16  
ACQTM 8.2002 sec  
PD 3.0000 sec  
PW1 5.80 usec  
IRNUC 1H  
CTEMP 23.8 c  
SLVNT CDCL3  
EXREF 0.00 ppm  
BF 0.30 Hz  
RGAIN 20

7.264 ———  
5.954 ———

