



# 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

Catalog Number: 026001

Product Name: **3',5'-DIMETHOXY-4'-HYDROXYACETOPHENONE**  
(Acetosyringone)

Cas Number: [2478-38-8]

Lot Number: 2309847

Chemical Formula: C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>

Molecular Weight: 196.20

Melting Point: 124-125.5°C

Appearance: Light yellow crystalline powder

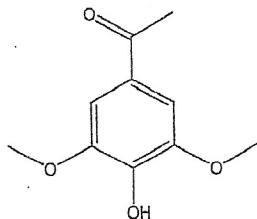
Solubility: Soluble in chloroform, DMSO

Moisture (KF): 0.81%

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.03%



Expiration/Retest Date: September 2028

Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



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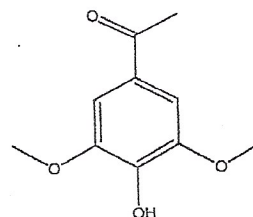
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## HPLC ANALYSIS

Catalog No.: 026001  
Product Name: 3',5'-Dimethoxy-4'-hydroxyacetophenone  
(Acetosyringone)  
Lot No.: 2308844

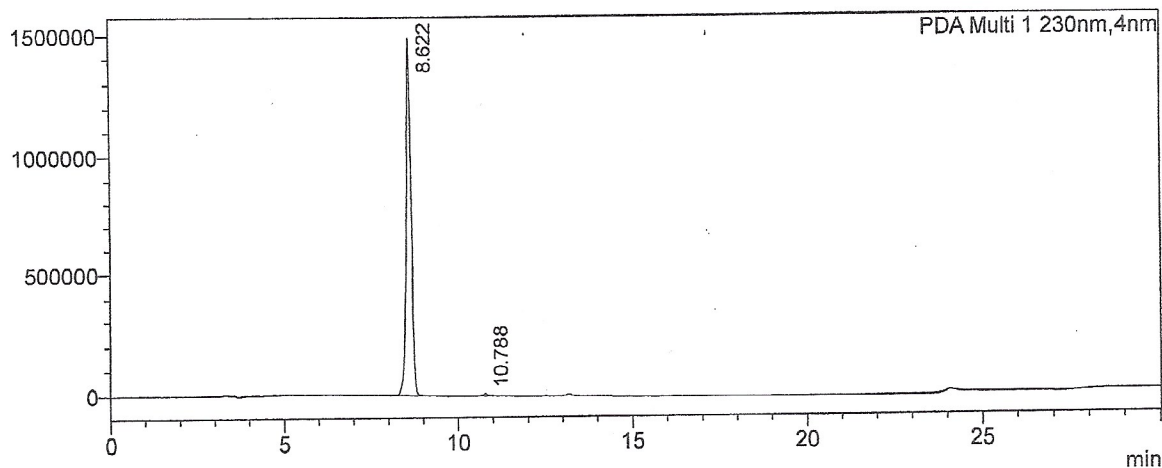
Sample ID :  
Data Filename : 30082023451.lcd  
Method Filename : General Method.lcm  
Vial # : 1-4  
Injection Volume : 10 uL



Column: Luna C18 : 250 x 4.6mm, 5u  
MP-A: 0.1% TFA in water  
MP-B: Acetonitrile  
Flow Rate: 1.0 ml/min  
Gradient: 0.01/10,12/90,20/90,23/10,30/10 (% of B Conc)  
Diluent: ACN:Water (0.5mg/ml in diluent)  
Acquired by: Sanjeev

### <Chromatogram>

uAU



### <Peak Table>

PDA Ch1 230nm

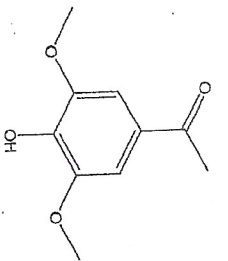
Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1		8.622	14594187	99.498	1.000
2		10.788	73651	0.502	1.251
Total			14667838	100.000	

Prepared by:  
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Director of Operations

Reviewed and Approved by:  
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Sujata Moton  
VP

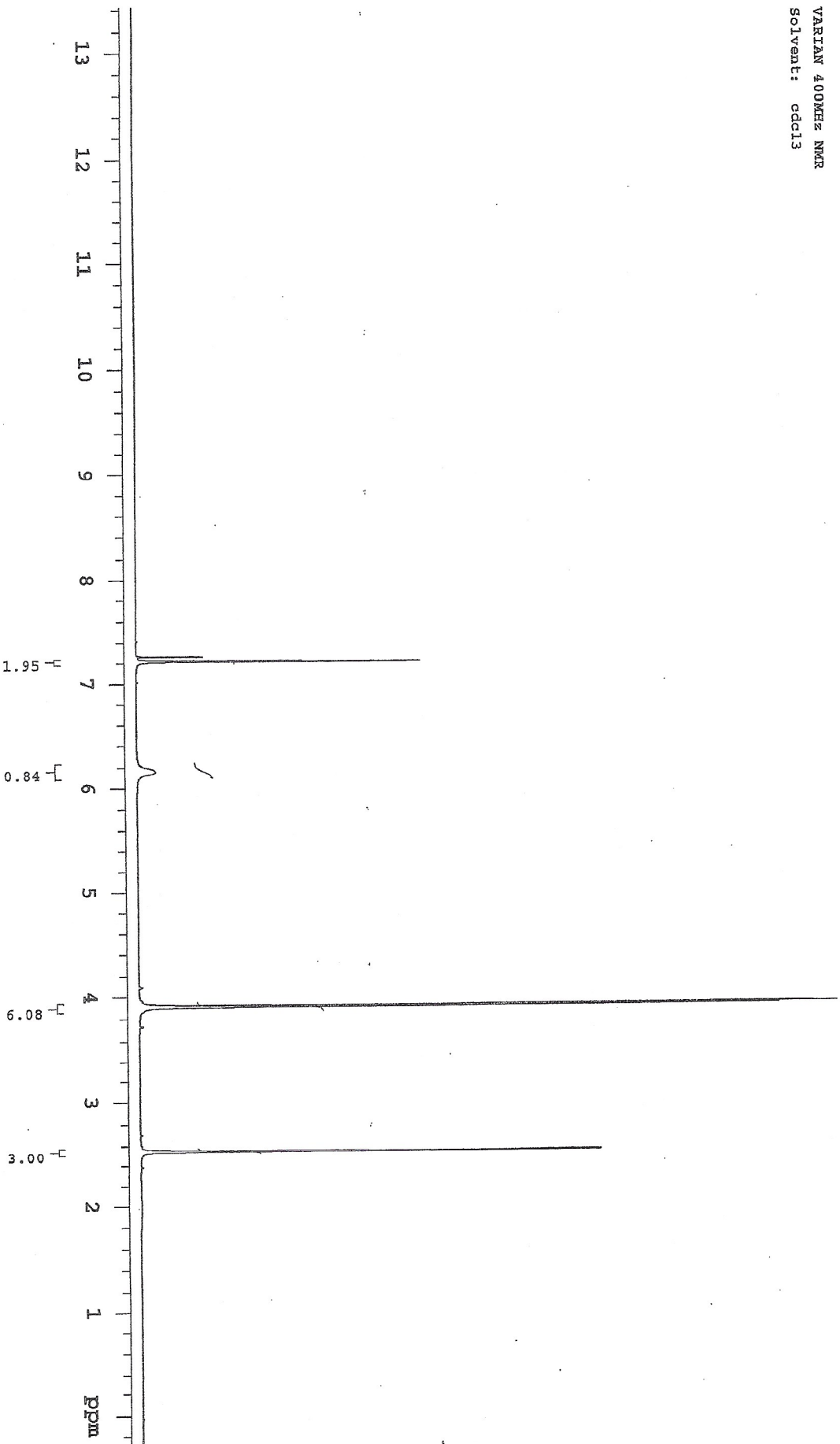


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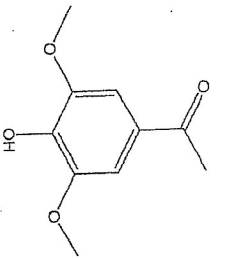
Catalog No.: 026001  
Product Name: 3',5'-Dimethoxy-4'-hydroxyacetophenone  
(Acetosyringone)  
Lot No.: 2308844

<sup>1</sup>H NMR  
VARIAN 400MHz NMR  
Solvent: cdcl3



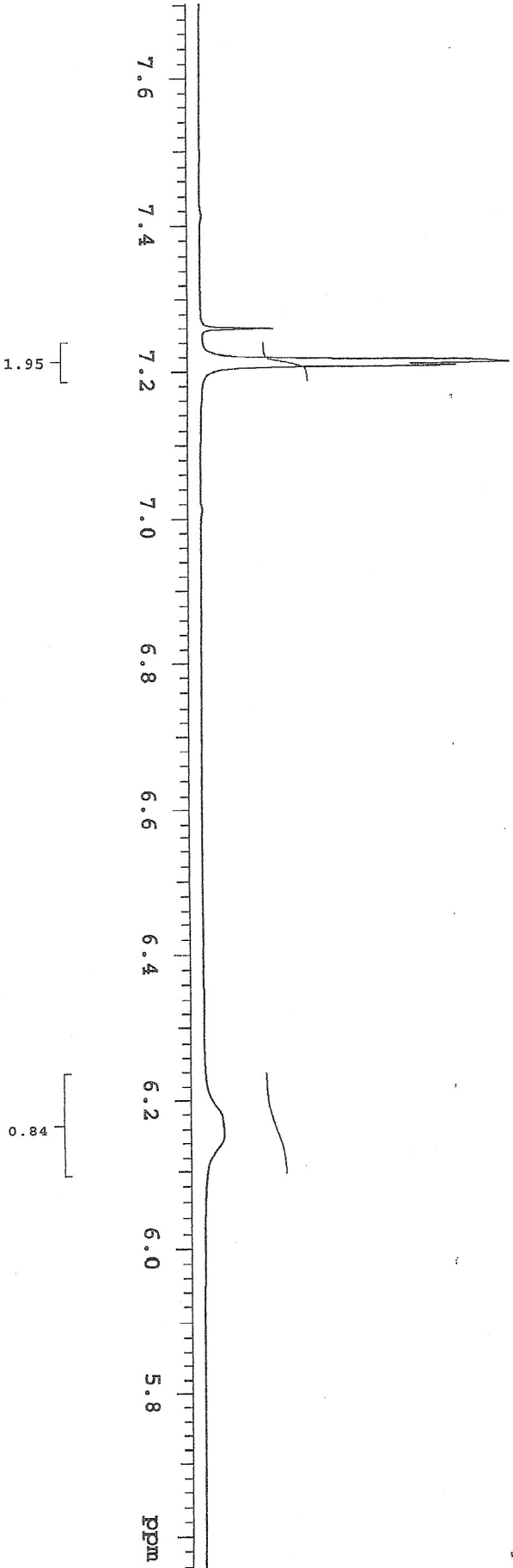


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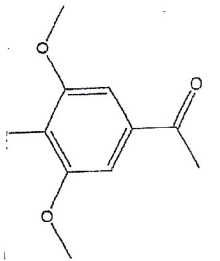
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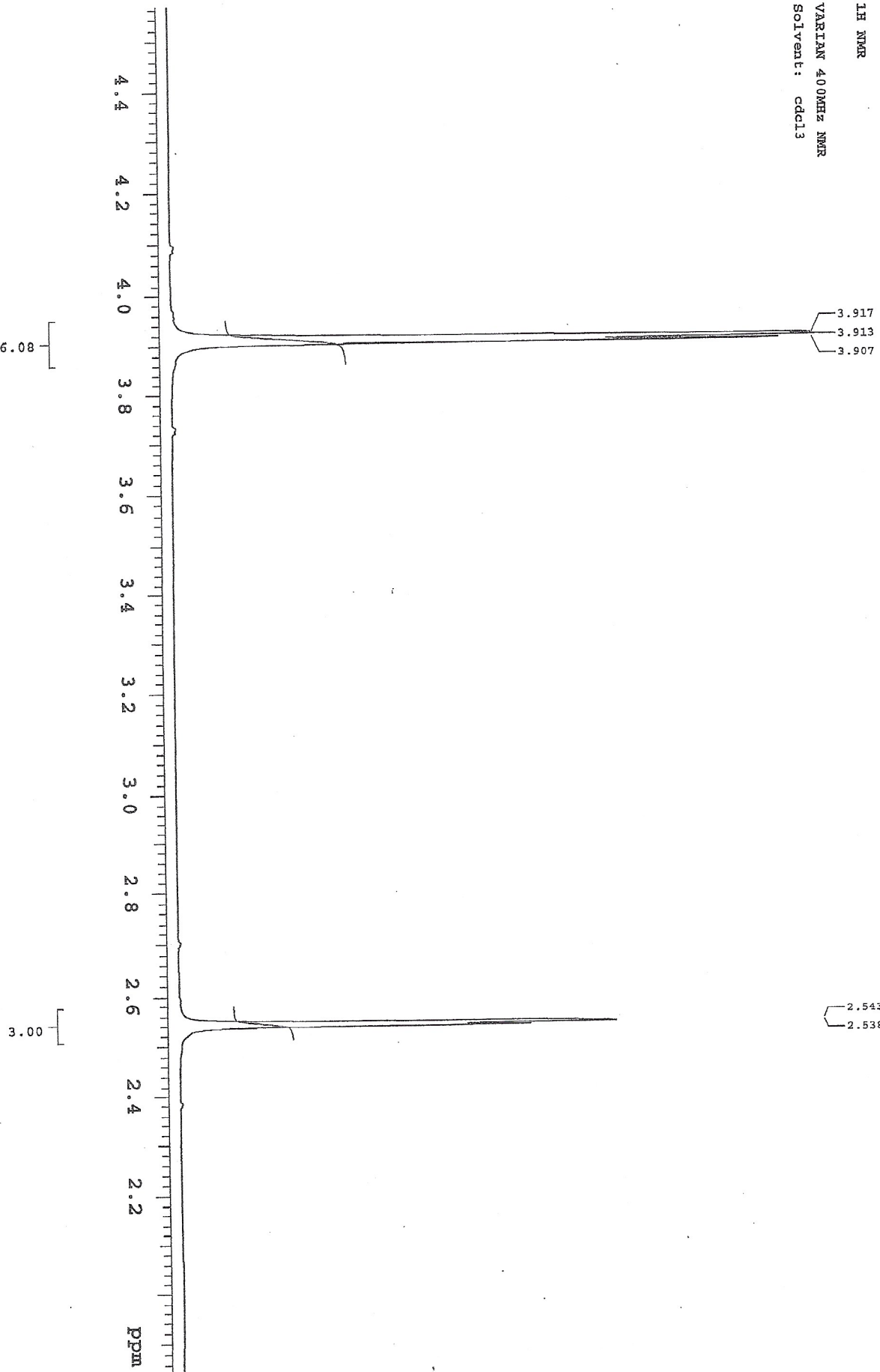


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1H NMR

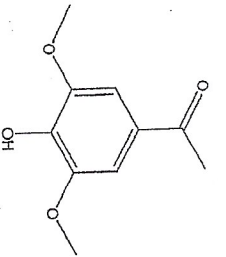
VARIAN 400MHz NMR

Solvent: cdcl3





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INDEX	FREQUENCY	PPM	HEIGHT
1	2902.1	7.260	11.6
2	2883.7	7.214	49.5
3	2881.7	7.209	41.0
4	2459.6	6.153	3.3
5	1565.6	3.917	118.2
6	1564.3	3.913	122.4
7	1561.7	3.907	112.3
8	1016.6	2.543	80.7
9	1014.7	2.538	64.9

<sup>1</sup>H NMR  
VARIAN 400MHZ NMR  
Solvent: cdcl<sub>3</sub>