



# 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)

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## CERTIFICATE OF ANALYSIS

Catalog Number: 026001

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

Cas Number: [2478-38-8]

Lot Number: 1510688

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

Molecular Weight: 196.20

Melting Point: 125-127°C

Appearance: Off white powder

Solubility: Soluble in chloroform

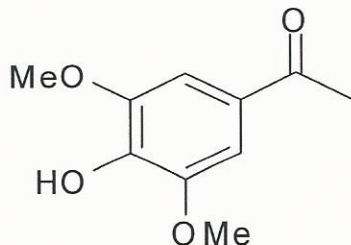
Moisture (KF): 0.38%

TLC: Hexane:Ethylacetate (7:3)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.51%





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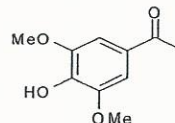
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## HPLC ANALYSIS

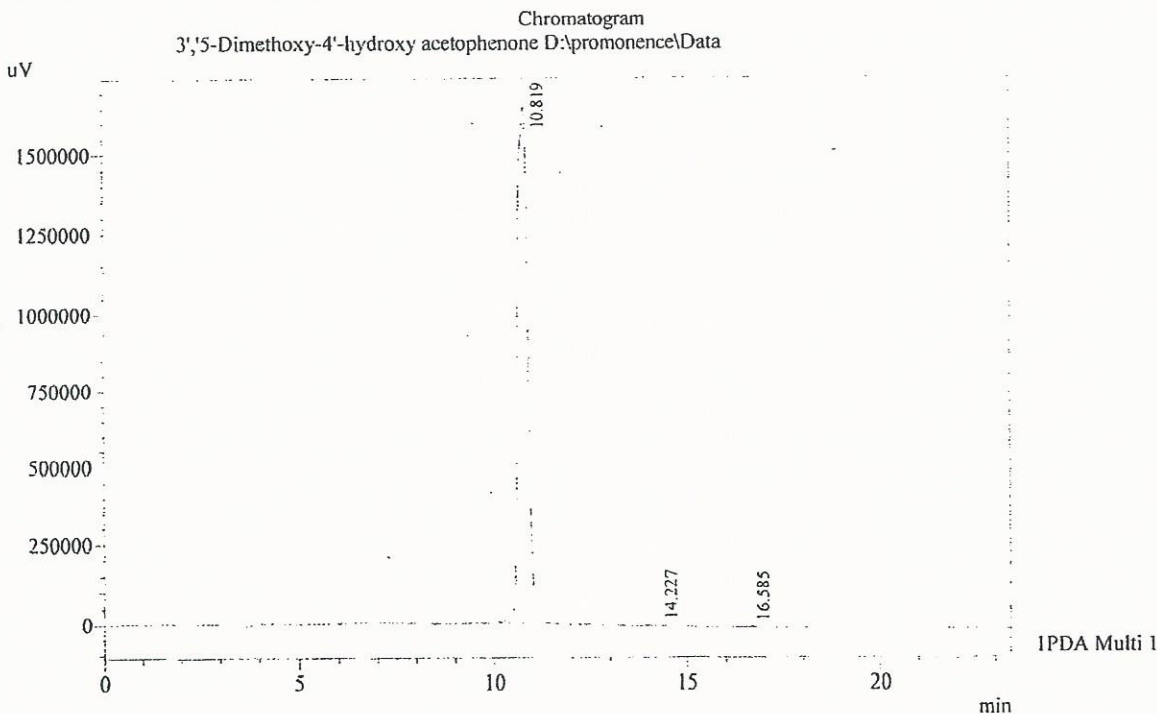
Acquired by : Admin  
Sample Name : 3',5'-Dimethoxy-4'-hydroxy acetophenone  
Sample ID : 2.0 kg  
Injection Volume : 20 uL  
Data Filename : 191015E.lcd  
Method Filename : Linear Gradient.M.lcm

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Lot No.: 1510688



Column : LUNA C-18, (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  
25.0 90 10

Diluent : Acetonitrile



1 PDA Multi 1 / 230nm 4nm

PeakTable

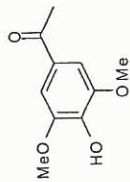
PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	3,5-DiOMe-4-OHacetopher	10.819	29557737	99.51	1.00
2	RT:14.240	14.227	73565	0.25	1.32
3	RT:16.585	16.585	70517	0.24	1.53
Total			29701819	100.00	

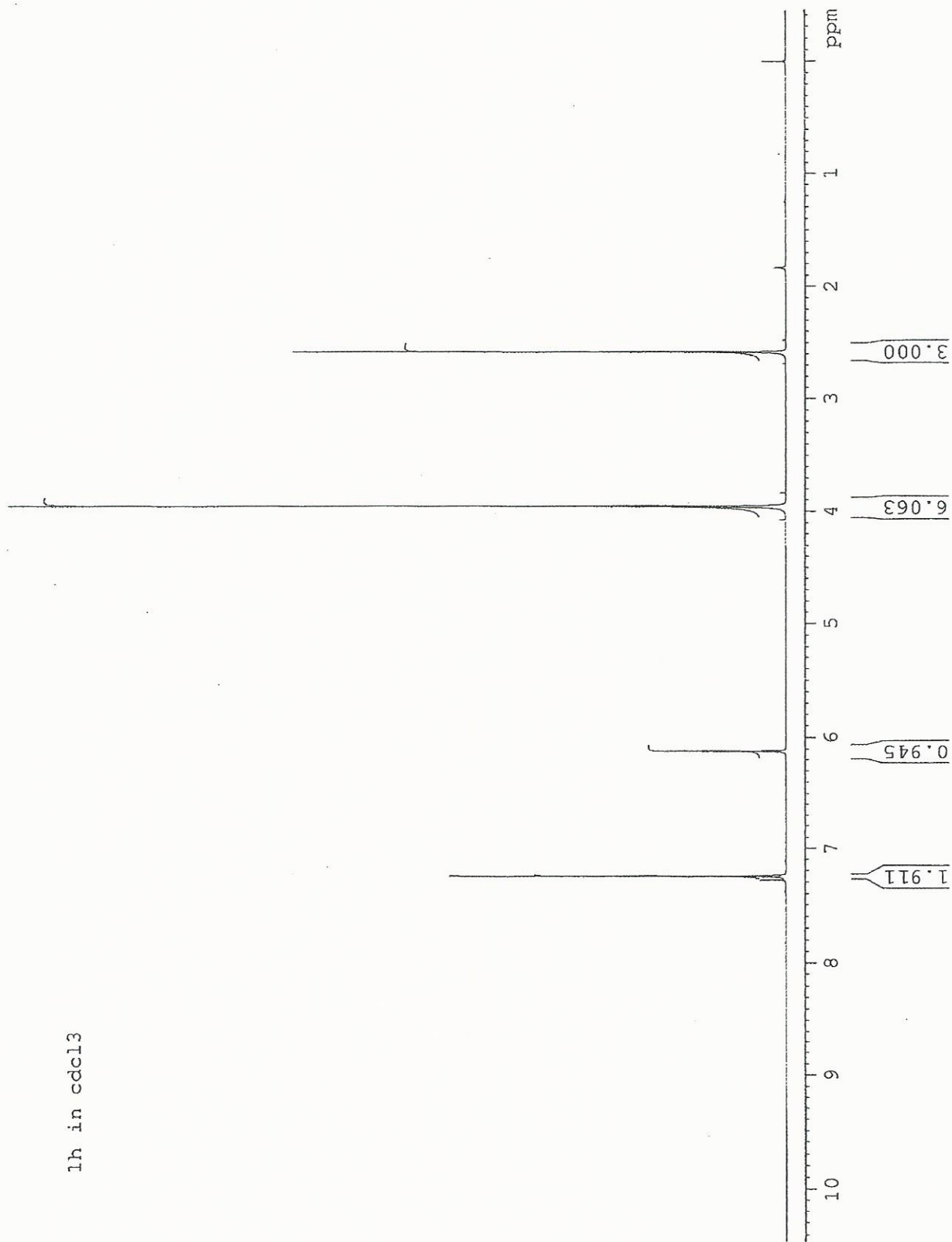


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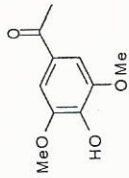
1h in cdcl3





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1h in cdcl3

