



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

Cat No.: 026001

Product:

3',5'-DIMETHOXY-4'-HYDROXYACETOPHENONE
(Acetosyringone)

Cas Number:

[2478-38-8]

Lot Number:

1006041

Chemical Formula:

C₁₀H₁₂O₄

Molecular Weight:

196.2

Melting Point:

126-127.5°C

Appearance:

Light yellow crystalline powder

TLC:

Hexane:Ethylacetate (7:3) Single spot

Solubility:

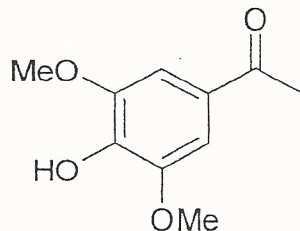
Soluble in chloroform

Moisture (KF):

0.31%

Purity (HPLC):

99.55%





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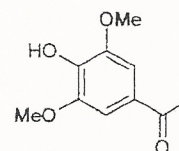
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HPLC ANALYSIS

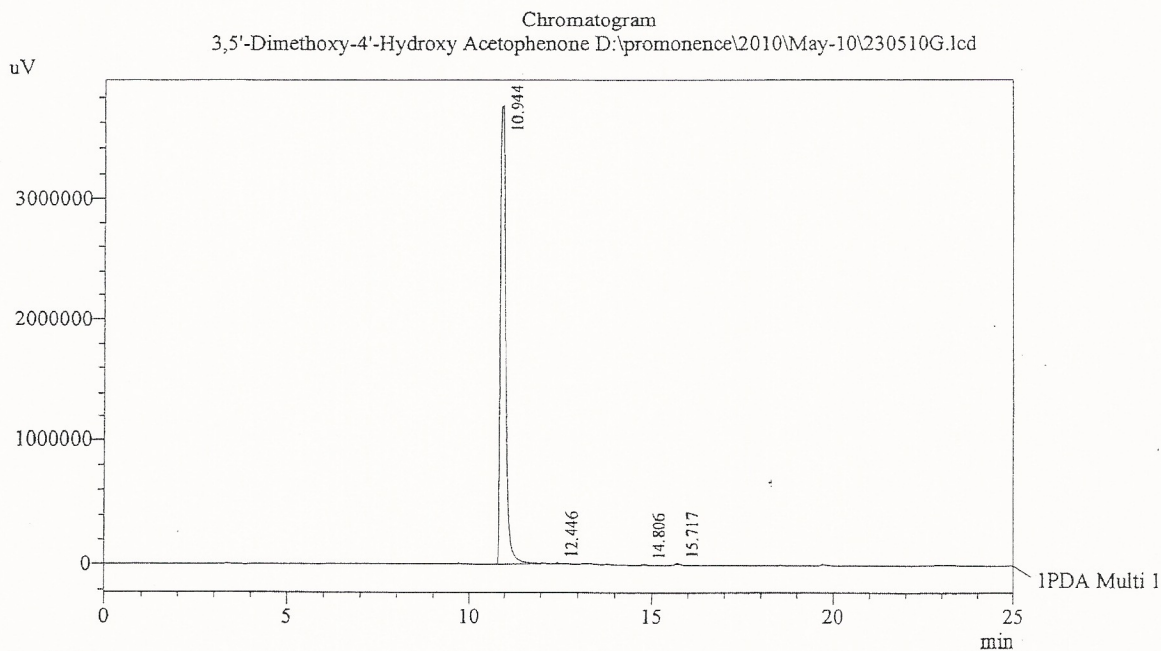
Cat. No.: 026001
Product: 3',5'-Dimethoxy-4'-hydroxyacetophenone
(Acetosyringone)
Lot No.: 1006041

Date Acquired : 5/23/2010 4:59:59 PM
Acquired by : Madhuri
Sample Name : 3,5'-Dimethoxy-4'-Hydroxy Acetophenone
Sample ID : Uniform Sample (7.0Kg)
Injection Volume : 20 µL
Data Filename : 230510G.lcd
Method Filename : Linear Gradient.M.lcm



3',5'-Dimethoxy-4'-hydroxy acetophenone
(Acetosyringone)

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



PeakTable
PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	10.944	39434364	3732406	99.557
2	12.446	66091	12827	0.167
3	14.806	47567	7289	0.120
4	15.717	61623	13037	0.156
Total		39609645	3765560	100.000



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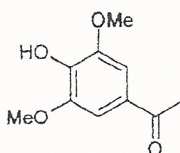
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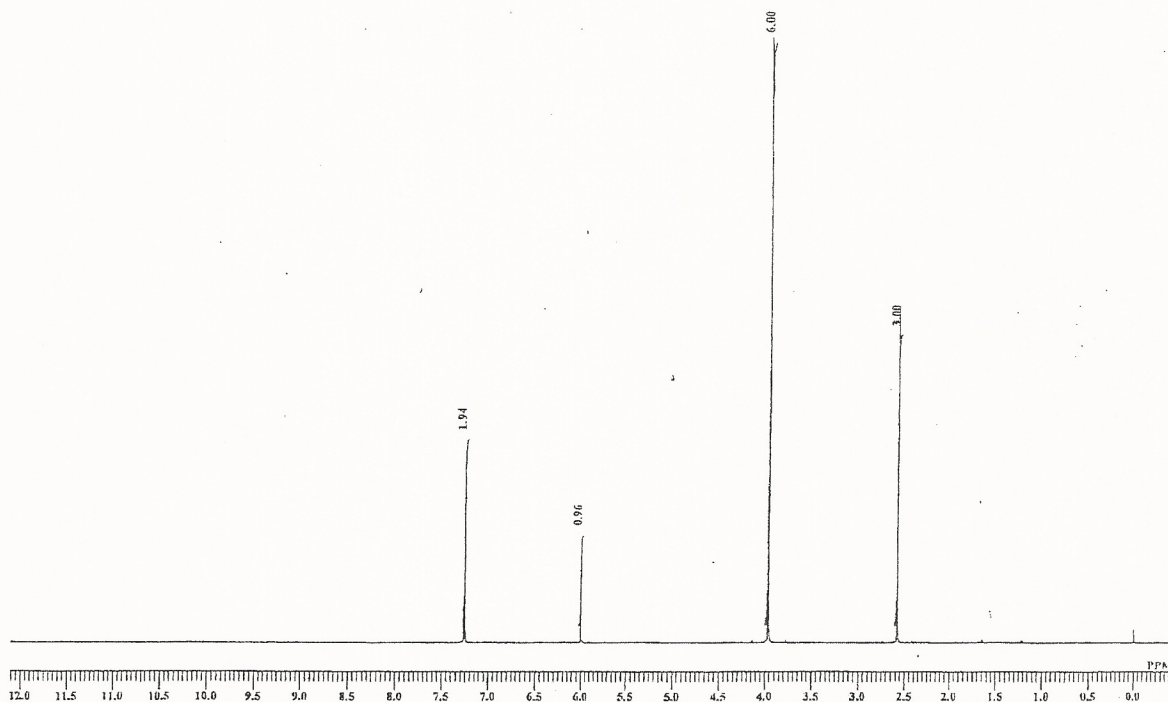
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4.5 1H NMR CDCl3



3',5'-Dimethoxy-4'-hydroxy acetophenone
(Acetosyringone)





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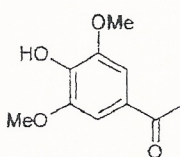
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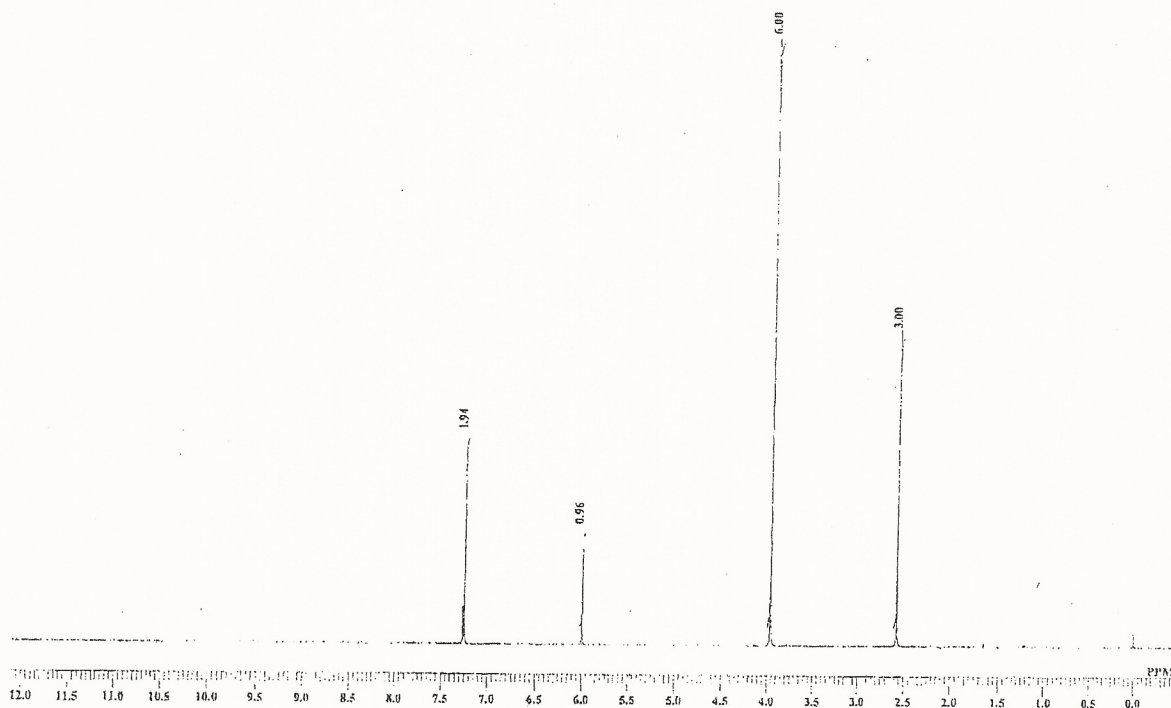
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A.S. THINER C100

3',5'-Dimethoxy-4'-hydroxy acetophenone
(Acetosyringone)





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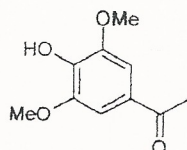
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A-8 1H NMR CDCl₃

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(Acetosyringone)
Lot No.: 1006041



3',5'-Dimethoxy-4'-hydroxy acetophenone
(Acetosyringone)

