



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

Catalog Number: 026001

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

Cas Number: [2478-38-8]

Lot Number: 1907289

Chemical Formula: C₁₀H₁₂O₄

Molecular Weight: 196.20

Melting Point: 127-129°C

Appearance: Off white powder

Solubility: Soluble in chloroform

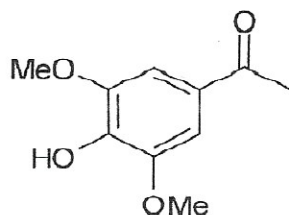
Moisture (KF): 0.38%

TLC: Hexane:Ethylacetate (7:3)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.50%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP



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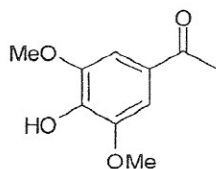
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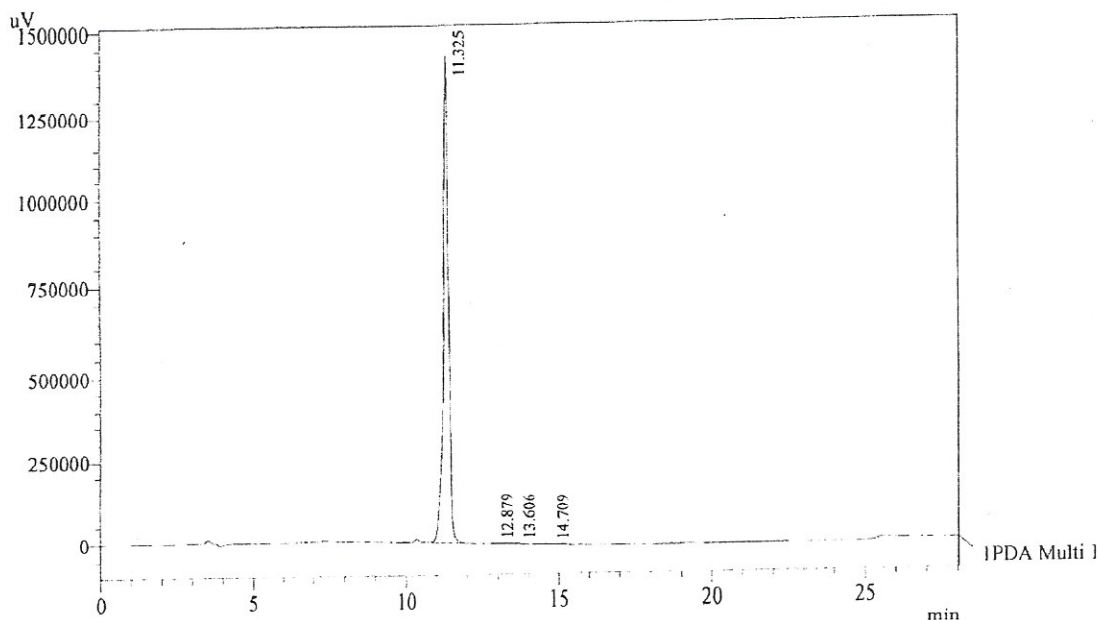
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HPLC ANALYSIS



Catalog No.: 026001
 Product Name: 3',5'-Dimethoxy-4'-hydroxyacetophenone
 (Acetosyringone)
 Lot No.: 1907289

Chromatogram



1 PDA Multi 1 / 230nm 4nm

PeakTable

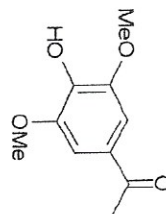
Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1	RT: 11.325	11.325	1431974	99.50	1.00
2	RT: 12.879	12.879	2888	0.22	1.14
3	RT: 13.606	13.606	2429	0.16	1.20
4	RT: 14.709	14.709	1206	0.12	1.30
Total			1438496	100.00	

Prepared by:
Ramesh Mandadi
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 Director of Operations

Reviewed and Approved by:
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Catalog No.: 026001
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 (Acetosyringone)
 Lot No.: 1907289

7.254
 5.955
 3.962
 2.577

```

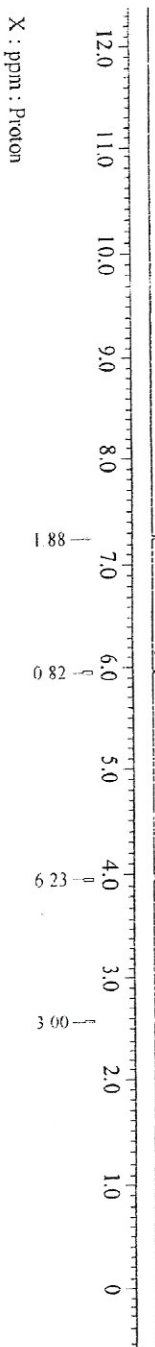
---- PROCESSING PARAMETERS ----
sexp ( 0.3[Hz], 0.01[s] )
t1rpszoicd ( 01%, 01%, 801%, 1001% )
serofill ( 4 )
ff ( 1, TRUE, TRUE )
machphase
ppm
auto_reference ( 51%, TRUE )
  
```

```

Instrument      - NMR-400MHz (JEOL)
Instrument id   - NMR-01
Author         - svr1402
Reviewed by    - Rajjibh
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-3024QDS/UL
Experiment     - proton.jep
  
```

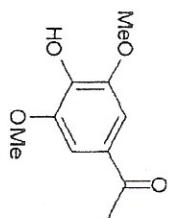
```

Acquisition Parameter
X_Domain       = Proton
X_Offset       = 71[ppm]
X_Sweep        = 9.005763691[Hz]
Scans          = 16
Relaxation_Delay = 21[s]
  
```





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 (Acetosyringone)
 Lot No.: 1907289

```

----- PROCESSING PARAMETERS -----
semp ( 0.3[Hz], 0.0[s] )
xrapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 4 )
fft( 1, TRUE, TRUE )
machinophase
ppm
auto_reference( 5[%], TRUE )
  
```

```

Instrument      - NMR-400MHz (JEOL)
Instrument id   - NMR-01
Author         - svr1402
Reviewed by    - Ranjith
Solvent        = CHLOROFORM-D
Spectrometer   = JNM-EZ400S/LL
Experiment     = proton_jxp
  
```

```

Acquisition Parameter
X_Domain       = Proton
X_Offset       = 7 [ppm]
X_Sweep        = 9.00576369 [kHz]
Scans          = 16
Relaxation_Delay = 2 [s]
  
```

