



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: H-019

Product: **4',6'-DIMETHOXY-2'-HYRDOXYACETOPHENONE**

Cas Number: [90-24-4]

Lot Number: 98136

Chemical Formula: C₁₀H₁₂O₄

Molecular Weight: 196.20

Melting Point 80-81°C

Appearance: Off white powder

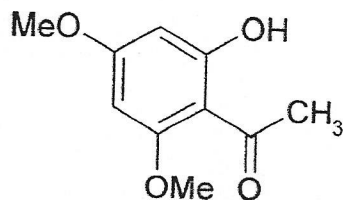
Solubility: Clear solution in Chloroform

TLC: Hexane:Ethyl acetate (9:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity by HPLC: 99.02%





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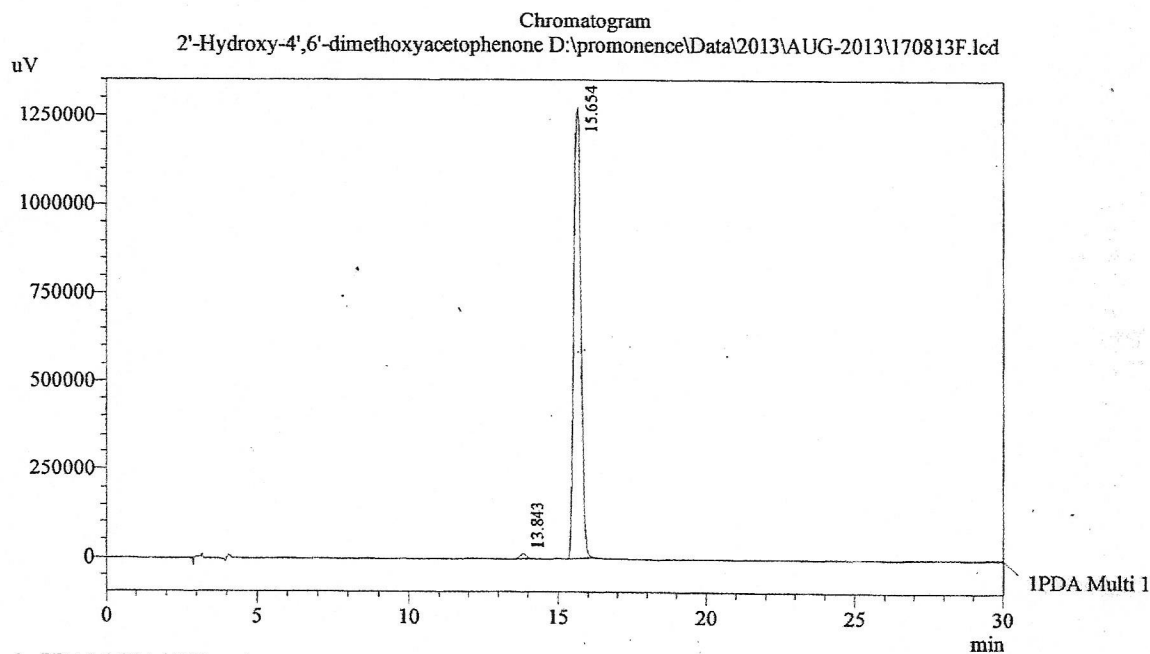
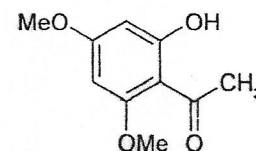
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HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2'-Hydroxy-4',6'-dimethoxyacetophenone
Sample ID : Lot No: 98136
Injection Volume : 20 uL
Data Filename : 170813F.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-019
Product Name: 4',6'-Dimethoxy-2'-hydroxyacetophenone
Lot No.: 98136

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 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10
Diluent : Methanol



1 PDA Multi 1 / 225nm 4nm

PeakTable

PDA Ch1 225nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2'-OH-4',6'-dimethoxy A.P	13.843	206802	0.98	0.88
2	RT:15.654	15.654	20794578	99.02	1.00
Total			21001380	100.00	



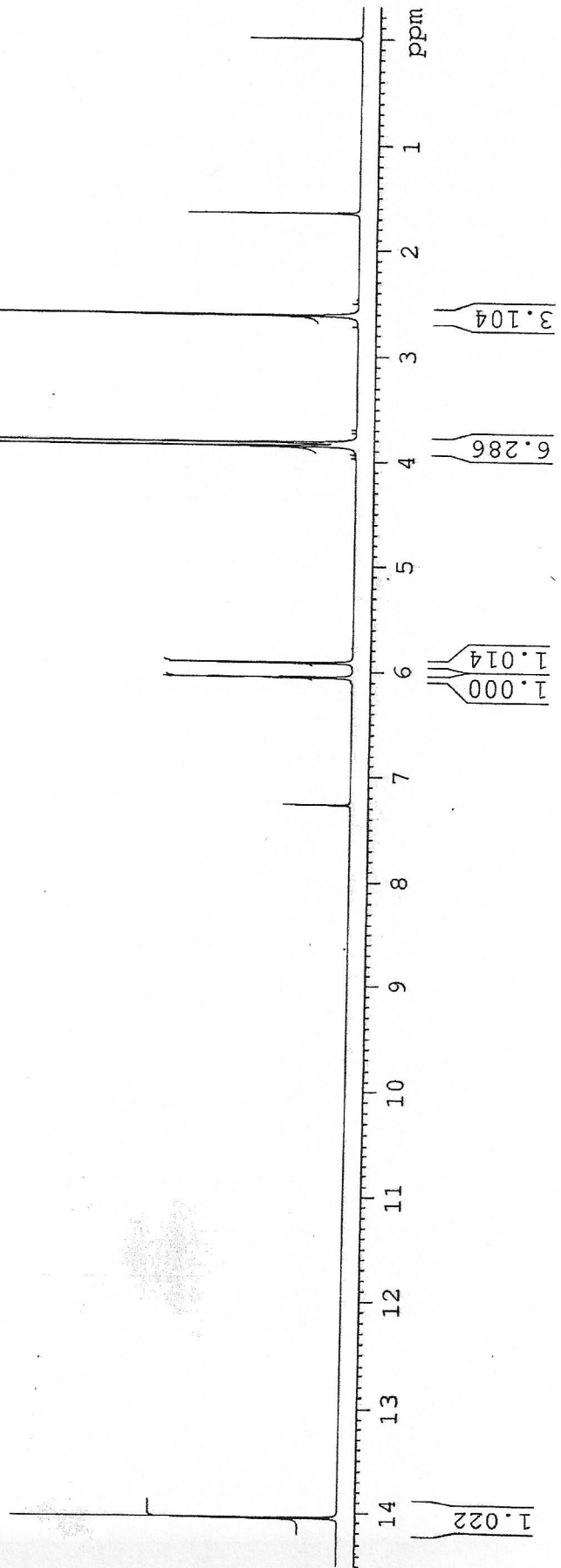
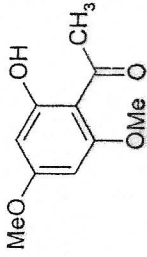
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: H-019
Product Name: 4',6'-Dimethoxy-2'-
hydroxyacetophenone
Lot No.: 98136

SOLVENT CDCL3
NS 0
DS 9
SWH 10638.298 Hz
FIDRES 0.354634 Hz
AQ 1.4099560 sec
RG 25.4
DW 47.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

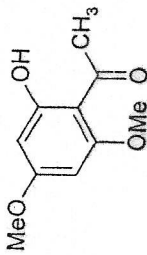
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NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.6258448 W
SF01 600.3348395 MHz
SI 32768
SF 600.3300117 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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SOLVENT CDCL3
 NS 9
 DS 0
 SWH 10638.298 Hz
 FIDRES 0.354634 Hz
 AQ 1.4099560 sec
 RG 25.4
 DW 47.000 usec
 DE 6.00 usec
 TE 298.2 K
 DI 1.50000000 sec
 TD0 1

6.058
 6.054
 5.920
 5.916

==== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SFO1 600.3348395 MHz
 SI 32768
 SF 600.3300117 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

