



# 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:        **H-035**

Product Name:        **2'-HYDROXY-5'-METHYLACETOPHENONE**

CAS Number:         [1450-72-2]

Lot Number:         98005

Chemical Formula:     $C_9H_{10}O_2$

Molecular Weight:    150.18

Melting Point:       46-47°C

Appearance:         Off white powder

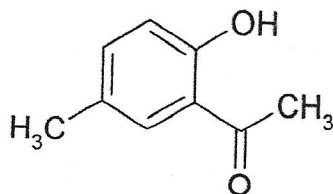
Solubility:            Soluble in Chloroform

TLC:                    Hexane:Ethyl acetate (9:1)

NMR Spectrum:       Enclosed (Confirms to the structure)

Storage:                Cool dry place

Purity (HPLC):        99.89%





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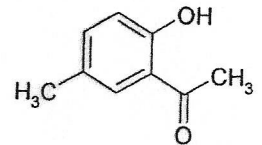
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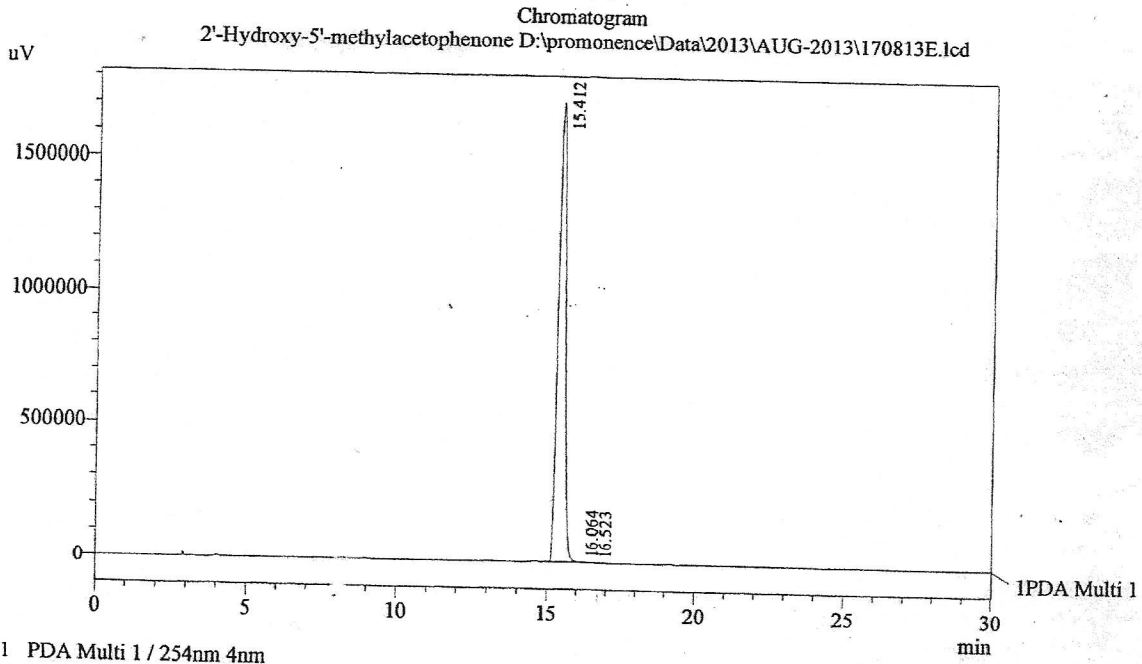
## HPLC ANALYSIS

Acquired by : Sanjeev  
 Sample Name : 2'-Hydroxy-5'-methylacetophenone  
 Sample ID : Lot No: 98005  
 Injection Volume : 20 uL  
 Data Filename : 170813E.lcd  
 Method Filename : Linear Gradient.M.lcm

Catalog No.: H-035  
 Product Name: 2'-Hydroxy-5'-methylacetophenone  
 Lot No.: 98005



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 / 254nm 4nm

PeakTable

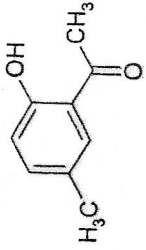
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2'-OH-5'-Me acetophenone	15.412	29522192	99.89	1.00
2	RT:16.064	16.064	29182	0.10	1.04
3	RT:16.523	16.523	2956	0.01	1.07
Total			29554331	100.00	



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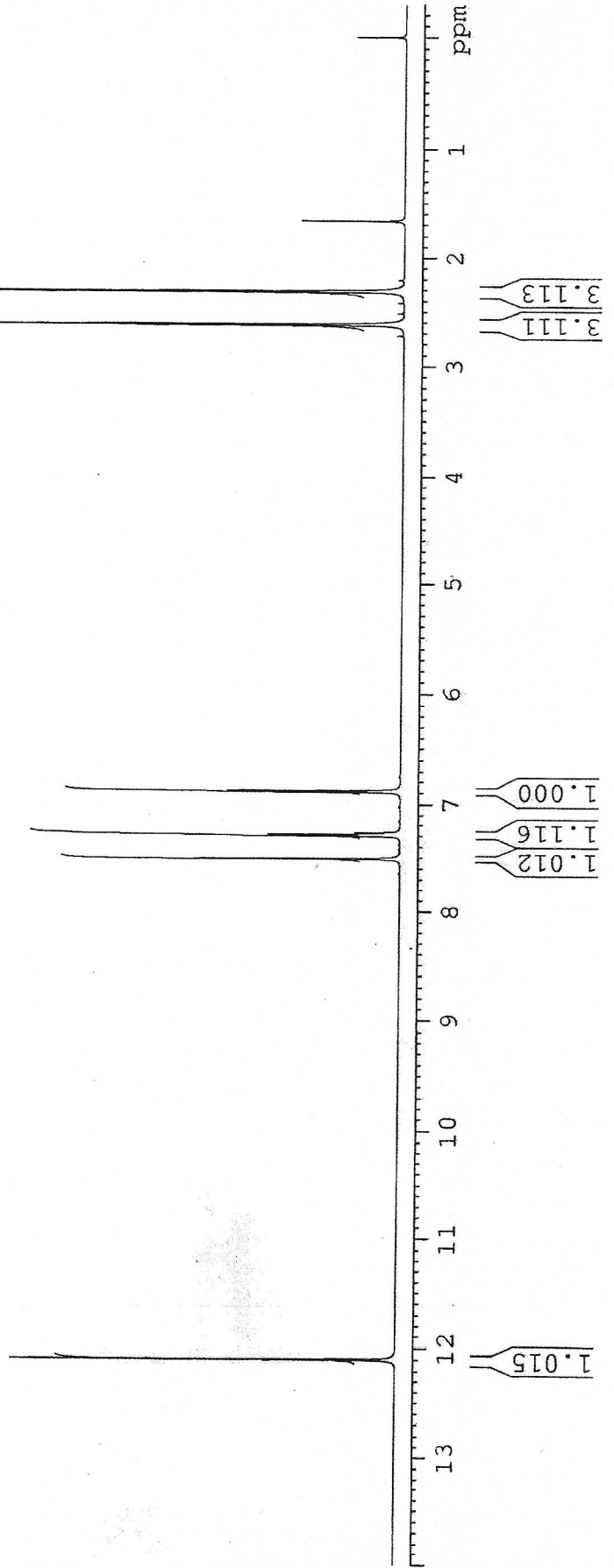
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Product Name: 2'-Hydroxy-5'-methyl  
acetophenone  
Lot No.: 98005



SOLVENT CDCL3  
NS 16  
DS 0  
SWH 10638.298 Hz  
FIDRES 0.354634 Hz  
AQ 1.4099560 sec  
RG 22.6  
DW 47.000 usec  
DE 6.00 usec  
TE 298.2 K  
D1 1.50000000 sec  
TD0 1

1H IN CDCL3  
AVANCE-600

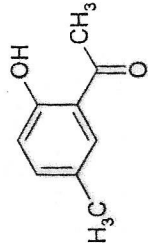
==== CHANNEL f1 =====  
NUC1 1H  
P1 7.50 usec  
PL1 2.60 dB  
PL1W 6.62584448 W  
SF01 600.3348395 MHz  
SI 32768  
SF 600.3300121 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00





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