



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

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CERTIFICATE OF ANALYSIS

Catalog Number: H-030

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

CAS Number: [705-15-7]

Lot Number: 1701755

Chemical Formula: C₉H₁₀O₃

Molecular Weight: 166.18

Melting Point: 49.5-51.5°C

Appearance: Yellow crystalline powder

Moisture(KF): 0.32%

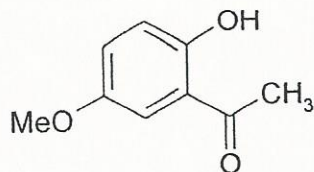
Solubility: Soluble in Chloroform/Methanol

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.91%





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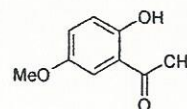
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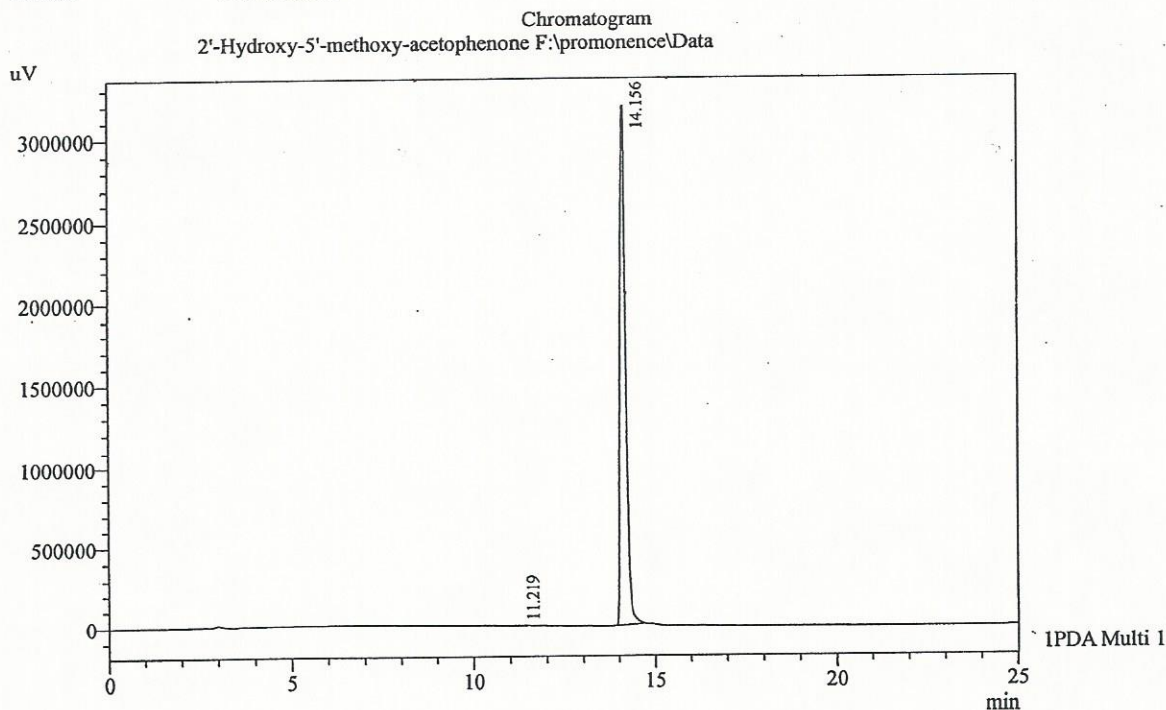
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 2'-Hydroxy-5'-methoxy-acetophenone
Sample ID : 25 KG
Injection Volume : 20 uL
Data Filename : 101216J.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-030
Product Name: 2'-Hydroxy-5'-methoxyacetophenone
Lot No.: 1701755



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

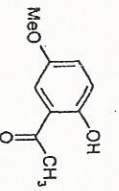
PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2',5'-DiOH ACP	11.219	29235	0.09	0.79
2	2'-OH-5'-OMe ACP	14.156	34104651	99.91	1.00
Total			34133885	100.00	



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 Lot No.: 1701755

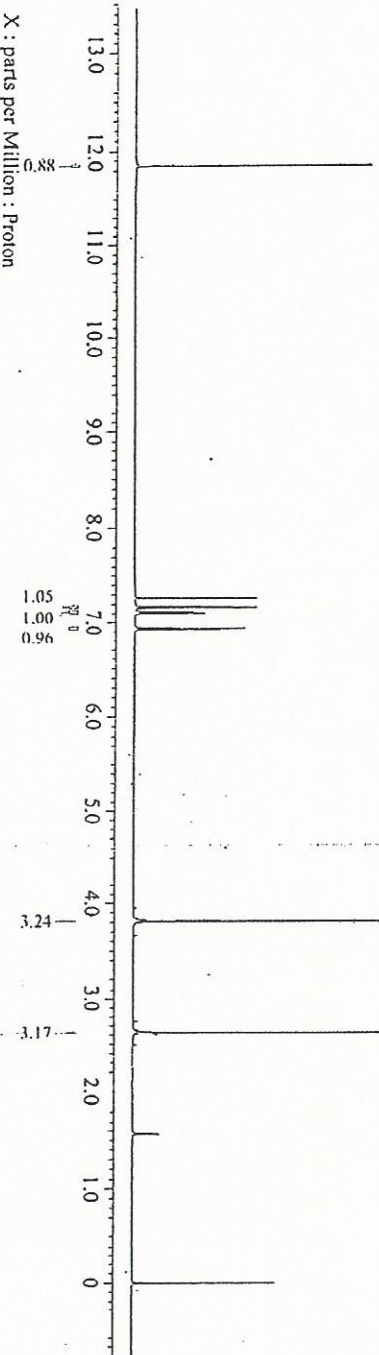
proton-1-2.jdf



----- PROCESSING PARAMETERS -----
 exp(0.2[Hz], 0.0[sec])
 tempzoid(0[°C], 0[°C], 80[°C], 100[°C])
 zerofill(1)
 fft(1, TRUE, TRUE)
 machinphase
 ppm

Filename = 2-08-5-Methoxy-ACP
 Instrument Id = NMR-02
 Author = vrj1296
 Reviewed by = CHR
 Solvent = CHLOROFORM-D
 Spectrometer = JNM-ECZ500R/SI
 Experiment = proton.jxp

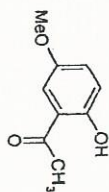
Acquisition Parameter
 X Domain = 1H
 X Offset = 7.0[ppm]
 X Sweep = 11.28158845[kHz]
 Scans = 16
 Relaxation_Delay = 2[sec]



X : parts per Million : Proton



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 Lot No.: 1701755

3.804

_proton-1-2.jdf

2.624

----- PROCESSING PARAMETERS -----
 sasp (0.2 [Hz], 0.0 [s]) 80 (s) , 100 (s))
 cspesoid (0 (s) , 0 (s) , 80 (s) , 100 (s))
 zerofill (2)
 rfc (1, TRUE, TRUE)
 machinphase
 ppm



Filename = 2-OE-5-methoxy-ACP
 Instrument ID = NMR-02
 Author = vzj1296
 Revised by = CHR
 Solvent = CHLOROFORM-D
 Spectrometer = JNM-ECS500R/S1
 Experiment = proton.jsp

Acquisition Parameter
 X_Domain = 1H
 X_Offset = 7.0 [ppm]
 X_Sweep = 11.2815845 [kHz]
 Scans = 16
 Relaxation_Delay = 2 [s]

