



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

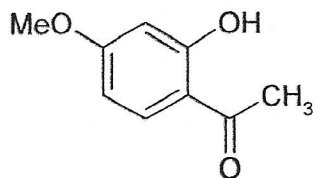
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

| | |
|---------------------------|---|
| <u>Catalog Number:</u> | H-029 |
| <u>Product Name:</u> | 2'-HYDROXY-4'-METHOXYACETOPHENONE (Paeonol) |
| <u>CAS No.:</u> | [552-41-0] |
| <u>Lot Number:</u> | 0205140 |
| <u>Molecular Formula:</u> | C ₉ H ₁₀ O ₃ |
| <u>Molecular Weight:</u> | 166.18 |
| <u>Melting Point:</u> | 48-50°C |
| <u>Appearance:</u> | Off white crystalline powder |
| <u>Solubility:</u> | Soluble in Chloroform |
| <u>TLC:</u> | Hexane:Ethyl acetate (9:1) |
| <u>NMR Spectrum:</u> | Enclosed (Confirms to the structure) |
| <u>Purity (HPLC):</u> | 99.94% |





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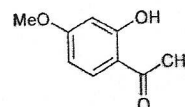
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HPLC ANALYSIS

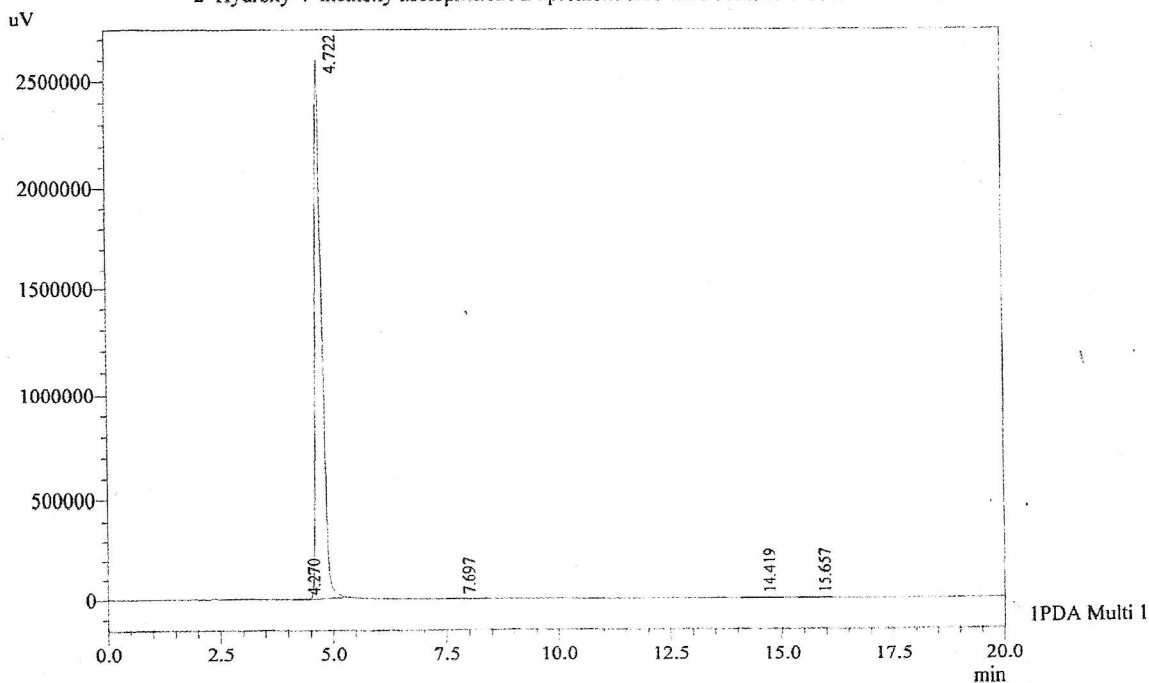
Acquired by : Sanjeev
Sample Name : 2'-Hydroxy-4'-methoxy acetophenone
Sample ID : Lot No: 0205140
Injection Volume : 20 uL
Data Filename : 300913J.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: H-029
Product Name: 2'-Hydroxy-4'-methoxyacetophenone
Lot No.: 0205140



Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)
Diluent : Acetonitrile

Chromatogram
2'-Hydroxy-4'-methoxy acetophenone D:\pmonence\Data\2013\SEPT-2013\300913J.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable

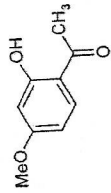
PDA Ch1 230nm 4nm

| Peak# | Name | Ret. Time | Area | Area % | Relative Retention Time |
|-------|---------------------------|-----------|----------|--------|-------------------------|
| 1 | RT:4.270 | 4.270 | 8645 | 0.03 | 0.90 |
| 2 | 2'-OH-4'-OMe acetophenone | 4.722 | 27026131 | 99.94 | 1.00 |
| 3 | RT:7.697 | 7.697 | 1976 | 0.01 | 1.63 |
| 4 | RT:14.419 | 14.419 | 2417 | 0.01 | 3.05 |
| 5 | RT:15.657 | 15.657 | 3686 | 0.01 | 3.32 |
| Total | | | 27042856 | 100.00 | |



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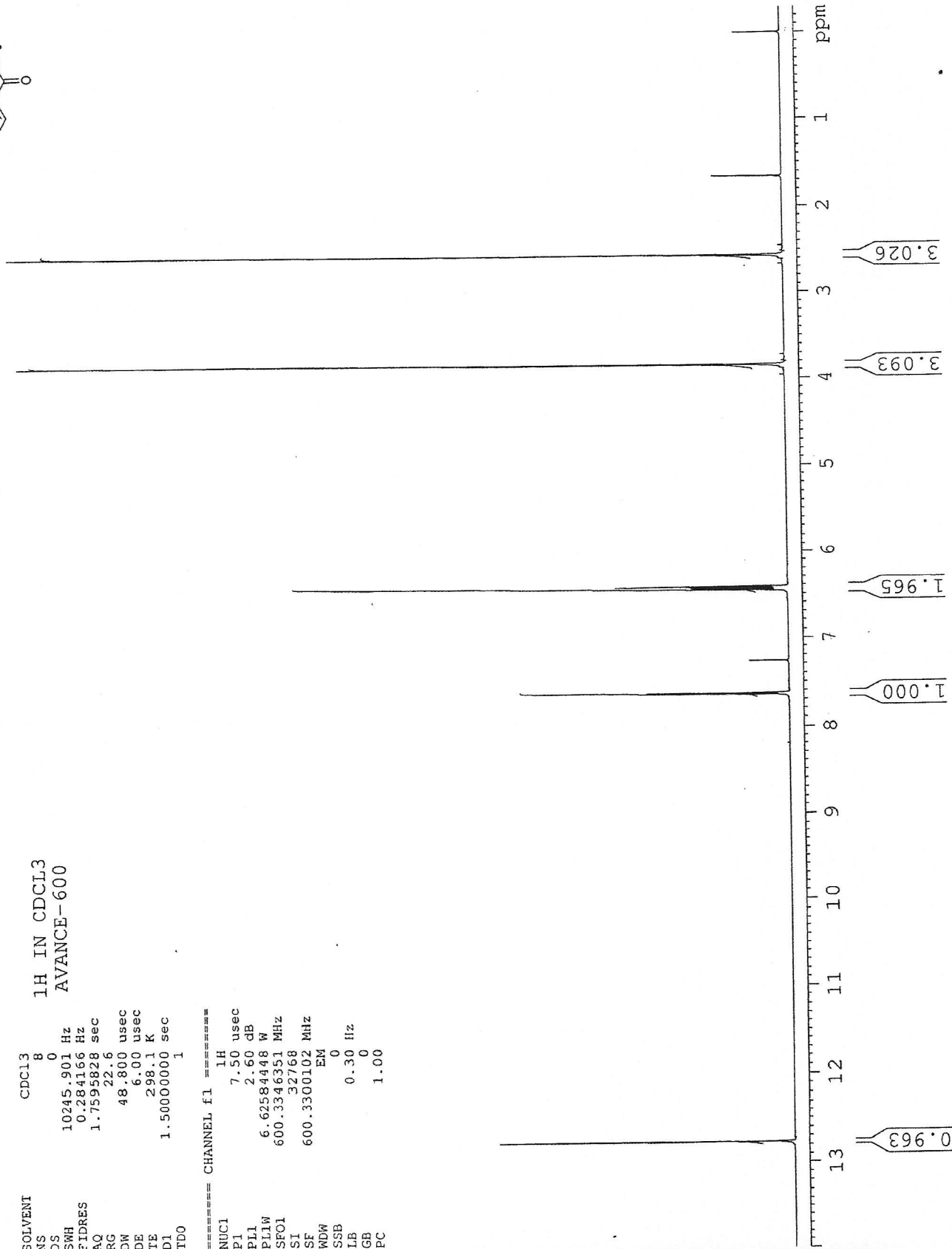
Catalog No.: H-029
Product Name: 2-Hydroxy-4'-methoxyacetophenone
Lot No.: 0205140



SOLVENT CDCL3
NS 8
DS 0
SMH 10245.901 Hz
FIDRES 0.284166 Hz
AQ 1.7595828 sec
RG 22.6
DW 48.800 usec
DE 6.00 usec
TE 298.1 K
DI 1.50000000 sec
TDO 1

1H IN CDCL3
AVANCE-600

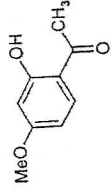
==== CHANNEL f1 =====
NUC1 1H
PI 7.50 usec
PLI 2.60 dB
PLIW 6.62584448 W
SFO1 600.3346351 MHz
SI 32768
SF 600.3300102 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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SOLVENT CDCL3
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1H IN CDCL3
 AVANCE-600

==== CHANNEL f1 =====
 NUC1 1H
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 PL1W 6.62584448 W
 SF01 600.3346351 MHz
 SJ 32768
 SF 600.3300102 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

