



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

Cat No.: G-004A

Product: GALLACETOPHENONE-3',4'-DIMETHYLETHER
(3,4-Dimethoxy-2-hydroxyacetophenone)

Cas Number: [5396-18-9]

Lot Number: 0507065

Chemical Formula: C₁₀H₁₂O₄

Molecular Weight: 196.21

Melting Point: 75-77°C

Appearance: Off white powder

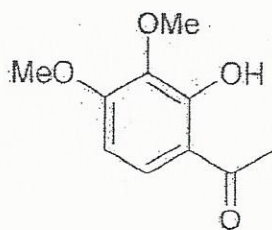
TLC: Hexane:Ethyl acetate (7:3)

Solubility: Soluble in chloroform

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 98.76%





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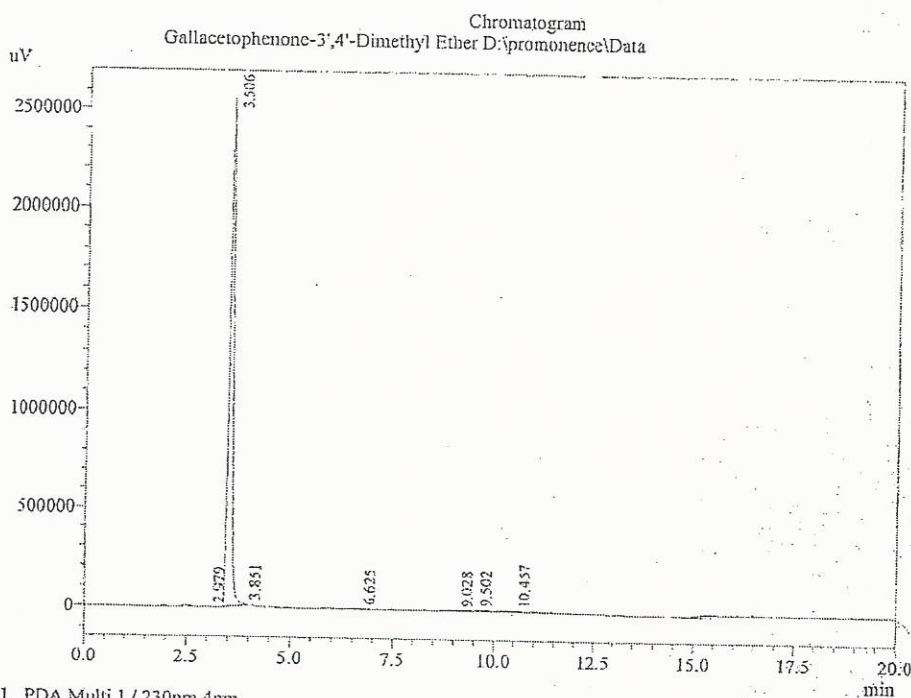
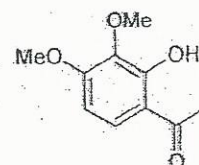
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : Gallacetophenone-3',4'-Dimethyl Ether
 Sample ID : Lot No:- 0507065
 Injection Volume : 20 uL
 Data Filename : 3005120.Lcd
 Method Filename : Linear Isocratic.M:lem

Catalog no.: G-004A
 Product name: Gallacetophenone-3',4'-dimethylether
 Lot No.: 0507065

Column : LUNA C-18(2)_s (250mm x4.6mm 5.0μ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)



PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.979	2.979	1802	0.01	0.85
2	RT:3.506	3.506	16658134	98.76	1.00
3	RT:3.851	3.851	43749	0.26	1.10
4	RT:6.625	6.625	30093	0.18	1.89
5	RT:9.028	9.028	15627	0.09	2.58
6	RT:9.502	9.502	85541	0.51	2.71
7	RT:10.457	10.457	32093	0.19	2.98
Total			16847039	100.00	



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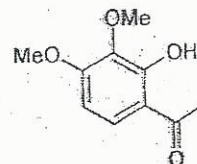
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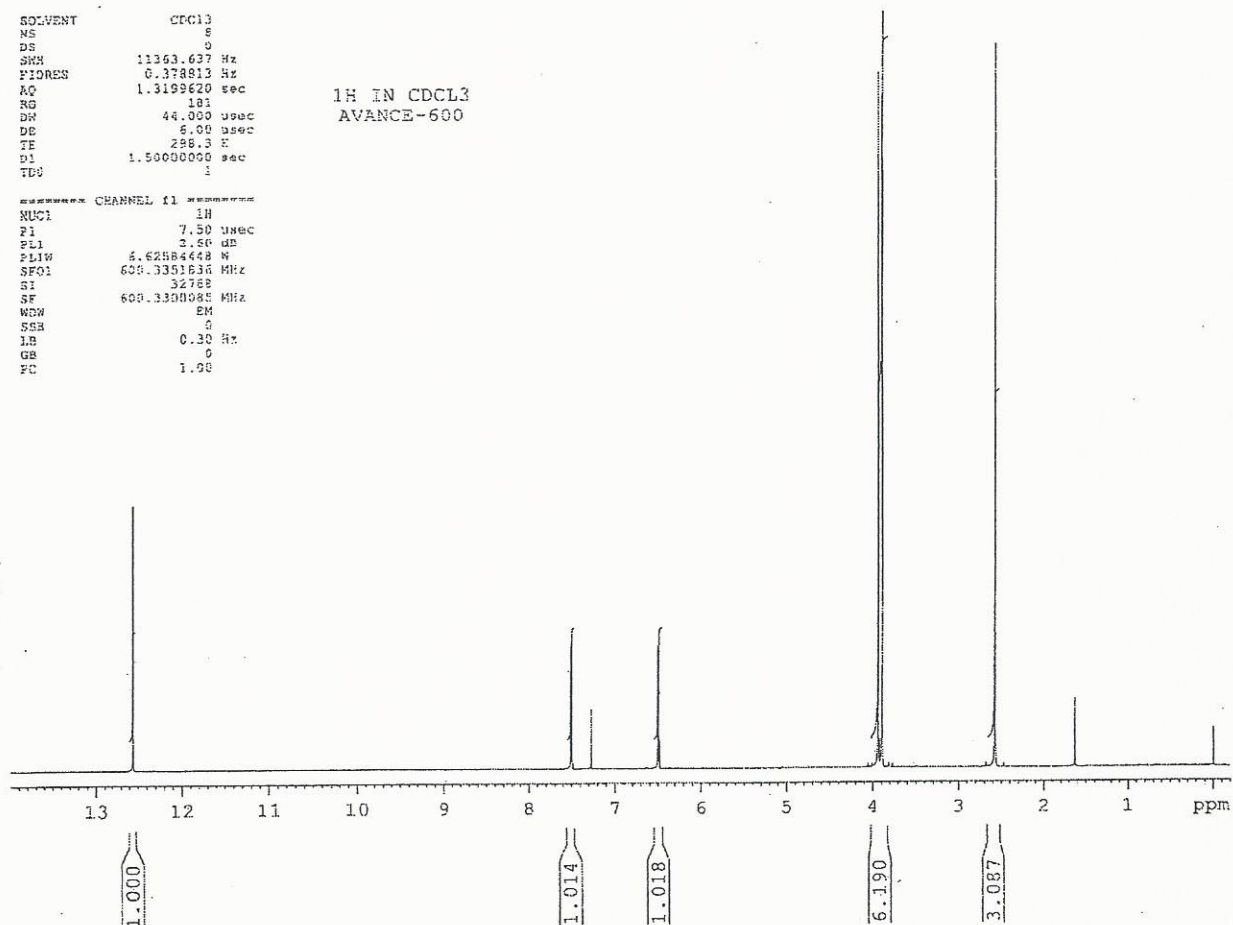
Catalog no.: G-004A
Product name: Gallacetophenone-3',4'-dimethylether
Lot No.: 0507065



SOLVENT CDCl₃
NS 8
DS 0
SWH 11363.637 Hz
FIDRES 0.378813 Hz
AQ 1.3189620 sec
RG 181
DM 44.000 usec
DE 6.00 usec
TE 298.3 K
D1 1.50000000 sec
TD0 1

¹H IN CDCl₃
AVANCE-600

***** CHANNEL f1 *****
NUC1 ¹H
P1 7.50 usec
PL1 2.50 dB
PLW 6.62584448 W
SFO1 600.3301836 MHz
SI 32783
SF 600.3300085 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
FC 1.00





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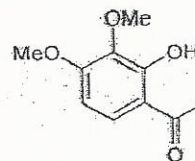
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Catalog no.: G-004A
Product name: Gallacetophenone-3',4'-dimethylether
Lot No.: 0507065



SOLVENT CDC13
NS 0
DS 0
SWH 11363.637 Hz
FIDRES 0.378613 Hz
AQ 1.3199620 sec
RG 181
DN 44.000 usec
DE 6.00 usec
TE 298.3 K
D1 1.50000000 sec
F00 1

1H IN CDCL3
AVANCE-600

***** CHANNEL f1 *****
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62587448 W
SFO1 600.3351836 MHz
SI 32768
SF 600.3360005 MHz
WDW EK
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

