



# 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: G-004

Product Name: **GALLACETOPHENONE**

CAS Number: [528-21-2]

Lot Number: 0507064

Chemical Formula: C<sub>8</sub>H<sub>8</sub>O<sub>4</sub>

Molecular Weight: 168.15

Appearance: Cream color crystalline powder

Melting Point: 165-167°C

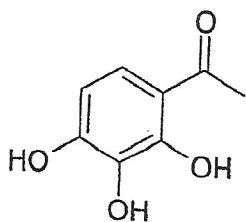
TLC: n-Hexane: Ethyl acetate (7:3)

Solubility: Soluble in DMSO

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.61%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



# 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)

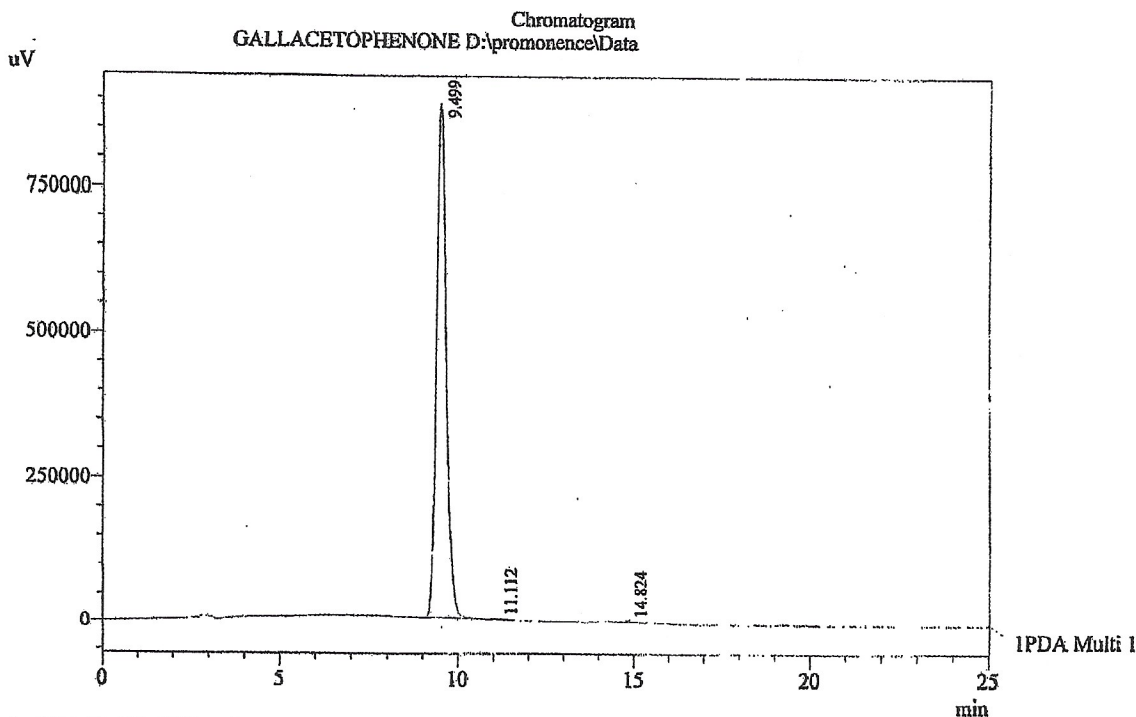
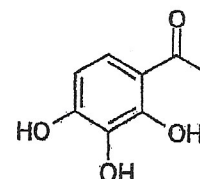
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Admin  
Sample Name : GALLACETOPHENONE  
Sample ID : Lot:0507064  
Injection Volume : 20 uL  
Data Filename : 090615M.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: G-004  
Product Name: Gallacetophenone  
Lot No.: 0507064

Column : LUNA C-18, C:50mm 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	GALLACETOPHENONE	9.499	16906920	99.61	1.00
2	RT:11.112	11.112	19915	0.12	1.17
3	RT:14.824	14.824	46080	0.27	1.56
Total			16972914	100.00	

Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



# 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

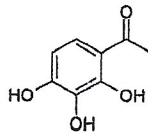
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

Catalog No.: G-004

Product Name: Gallacetophenone

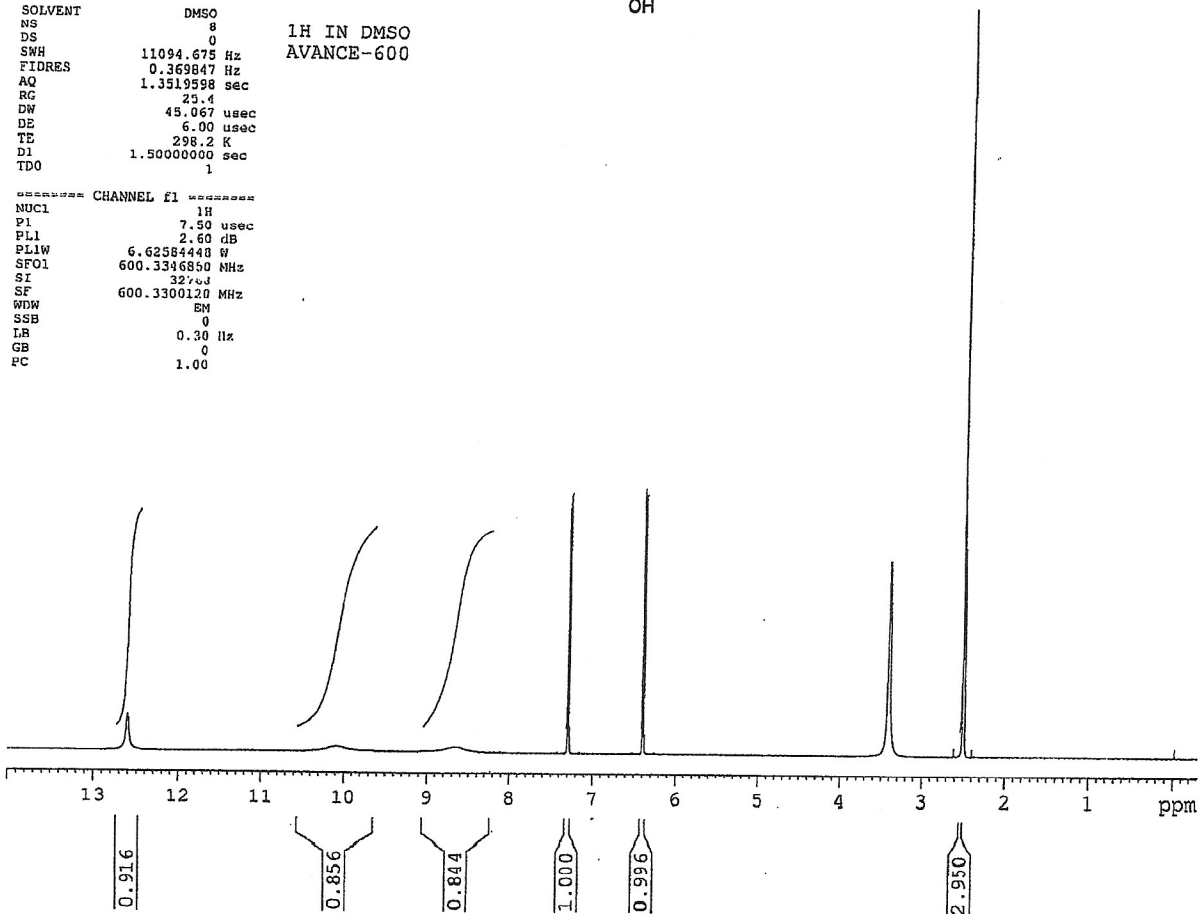
Lot No.: 0507064



SOLVENT DMSO  
NS 8  
DS 0  
SMH 11094.675 Hz  
FIDRES 0.369847 Hz  
AQ 1.3519598 sec  
RG 23.4  
DW 45.067 usec  
DE 6.00 usec  
TE 298.2 K  
D1 1.5000000 sec  
TD0 1

1H IN DMSO  
AVANCE-600

===== CHANNEL f1 =====  
NUC1 1H  
P1 7.50 usec  
PL1 2.60 dB  
PL1W 6.62584448 W  
SF01 600.3396850 MHz  
SI 327.4  
SF 600.3300120 MHz  
WDW EM  
SSB 0  
LR 0.30 Hz  
GB 0  
PC 1.00



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



# 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)

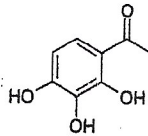
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

Catalog No.: G-004

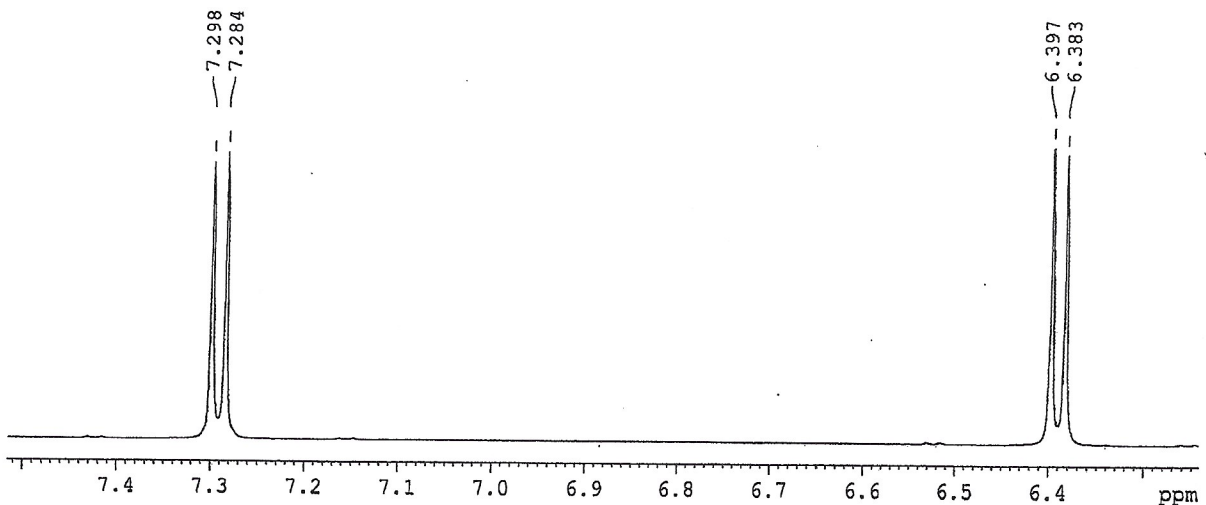
Product Name: Gallacetophenone

Lot No.: 0507064

SOLVENT DMSO  
NS 8  
DS 0 1H IN DMSO  
SWH 11094.675 Hz AVANCE-600  
FIDRES 0.369847 Hz  
AQ 1.3519598 sec  
RG 25.4  
DN 45.064 usec  
DE 6.00 usec  
TE 298.2 K  
DL 1.5000000 sec  
TDO 1



===== CHANNEL f1 =====  
NUC1 1H  
P1 7.50 usec  
PL1 2.50 dB  
PL1W 6.62584448 N  
SF01 600.3346850 MHz  
SI 32768  
SF 600.3300120 MHz  
WDW EM  
SSB 0  
LB 0.50 Hz  
GB 0  
PC 1.00



Prepared by:

*Ramesh Mandadi*

Ramesh Mandadi

Director of Operations

Reviewed and Approved by:

*Sujata Moton*

Sujata Moton

VP