



# 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: 19-302

Product Name: **2(2'-CHLOROPHENYL)-2',4'-DIHYDROXYACETOPHENONE**

Lot Number: 0007155

Chemical Formula: C<sub>15</sub>H<sub>14</sub>ClO<sub>3</sub>

Molecular Weight: 262.29

Melting Point: 140-141°C

Appearance: Cream powder

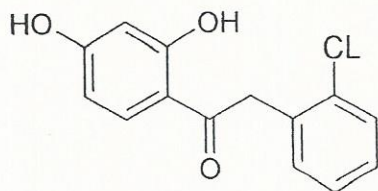
Solubility: Soluble in DMSO

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

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.22%





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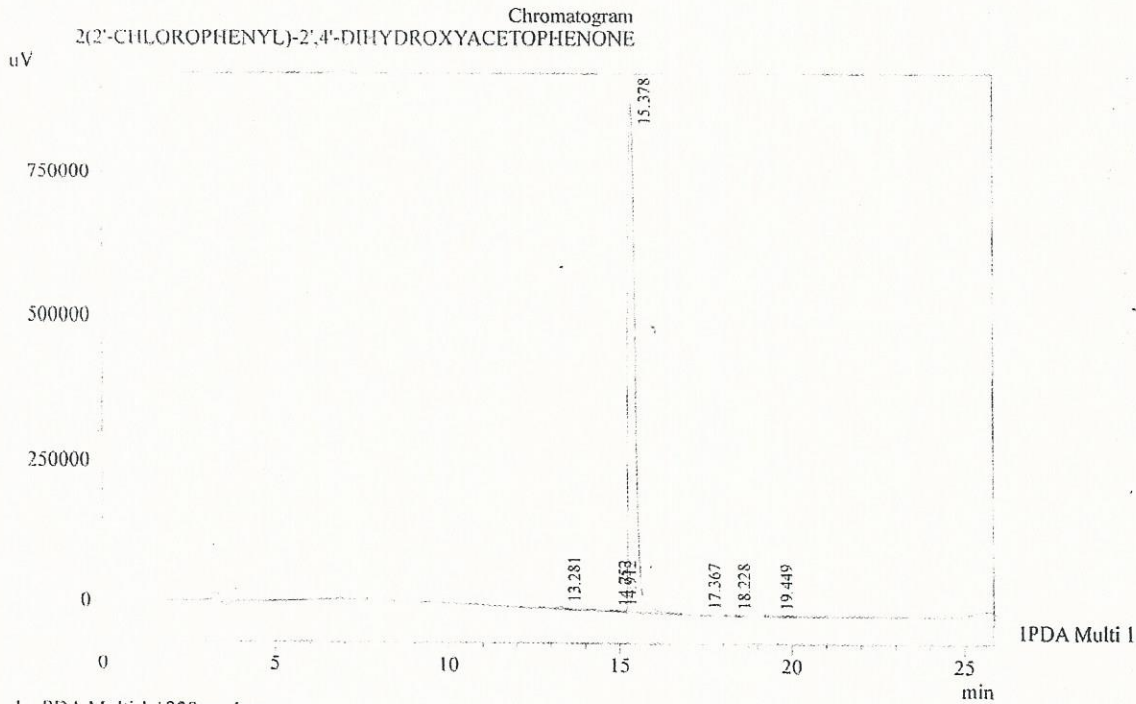
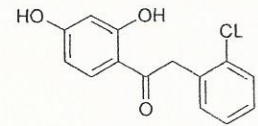
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## HPLC ANALYSIS

Acquired by : Admin  
 Sample Name : 2(2'-CHLOROPHENYL)-2',4'-DIHYDROXYACETOPHENONE  
 Sample ID : Lot No 0007155  
 Injection Volume : 1 uL  
 Data Filename : 070916C.lcd  
 Method Filename : Linear Gradient.M.lcm  
 Report Filename : Default.lcr

Catalog No.: 19-302  
 Product Name: 2(2'-Chlorophenyl)-2',4'-dihydroxy acetophenone  
 Lot No.: 0007155



1 PDA Multi 1 / 230nm 4nm

PeakTable

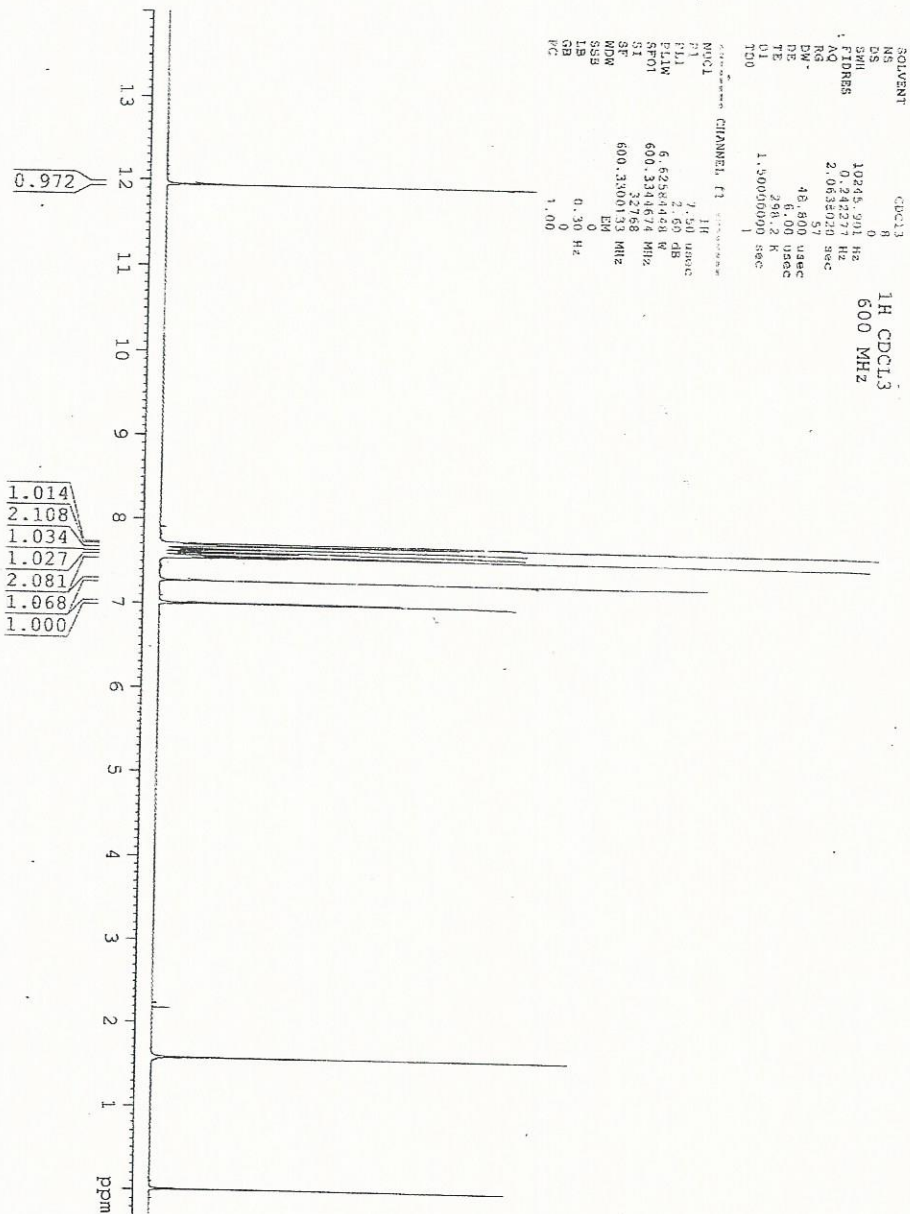
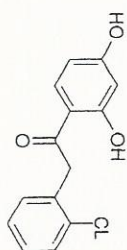
PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.313	13.281	52564	0.42	0.00
2	RT:14.741	14.752	1440	0.01	0.00
3	RT:14.931	14.912	7845	0.06	0.00
4	RT:15.378	15.378	12456984	99.22	0.00
5	RT:17.805	17.367	1188	0.01	0.00
6	RT:18.245	18.228	11455	0.09	0.00
7	RT:19.448	19.449	23170	0.18	0.00
Total			12554645	100.00	



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dihydroxy acetophenone  
Lot No.: 0007155





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