

# **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: 19-708

Product Name: **2',3'-DIHYDROXYACETOPHENONE**

CAS Number: [13494-10-5]

Lot Number: 0403042

Chemical Formula: C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>

Molecular Weight: 152.15

Melting Point: 95-97°C

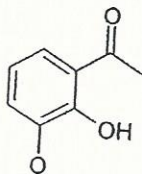
Appearance: Light cream powder

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

NMR Spectrum: Enclosed(conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.04%





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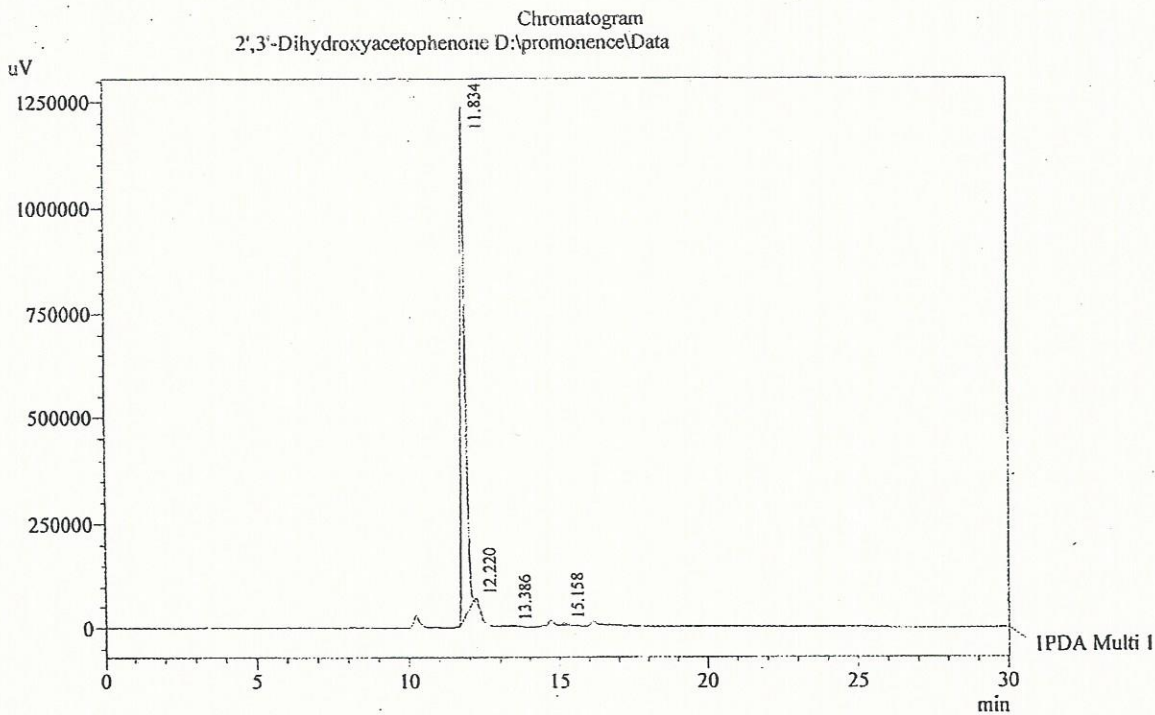
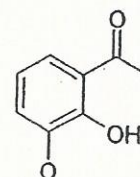
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## HPLC ANALYSIS

Acquired by : Admin  
Sample Name : 2',3'-Dihydroxyacetophenone  
Sample ID : 0403042  
Injection Volume : 20 uL  
Data Filename : 2102151.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-708  
Product Name: 2',3'-Dihydroxyacetophenone  
Lot No.: 0403042

Column : LUNA C-18(2), (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  
30.0 90 10  
Diluent : Acetonitrile



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2',3'-DiOH-Acetophenone	11.834	12188396	99.04	1.00
2	RT:12.221	12.220	62718	0.51	1.03
3	RT:13.388	13.386	18462	0.15	1.13
4	RT:15.152	15.158	37285	0.30	1.28
Total			12306862	100.00	



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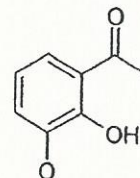
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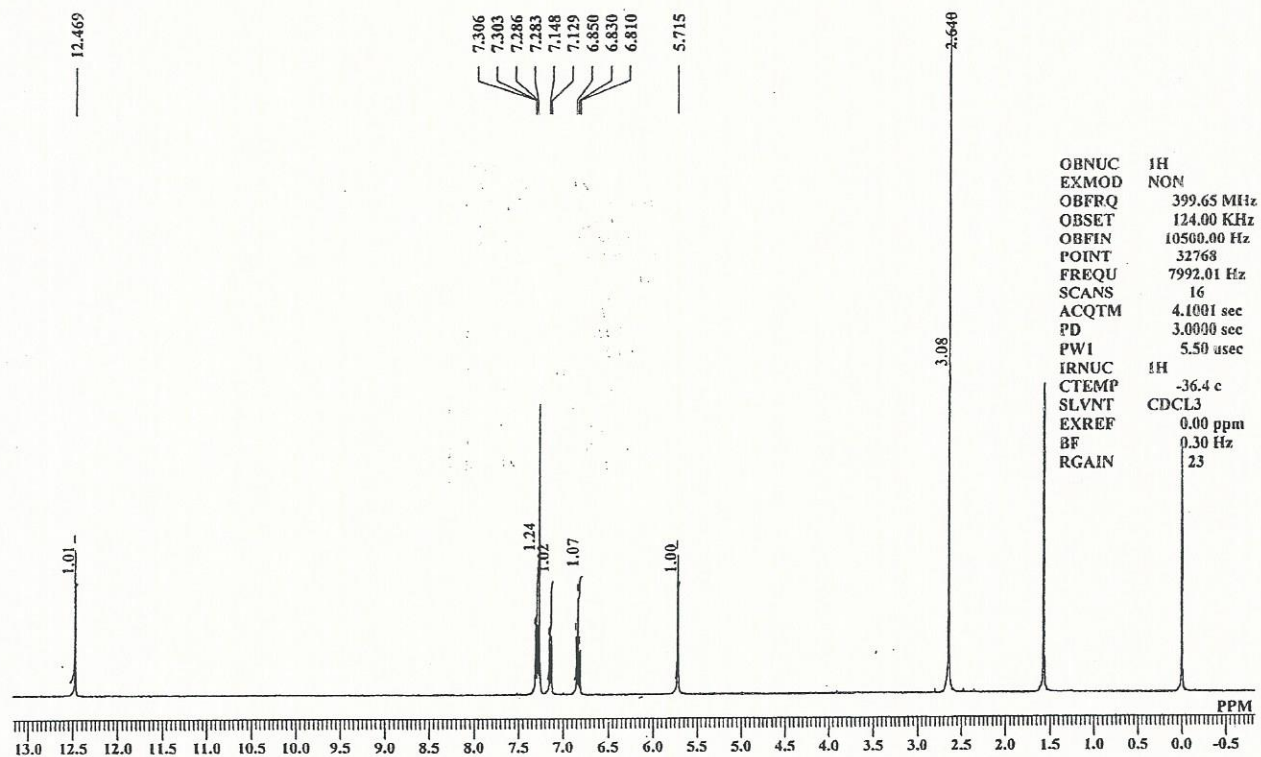
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Lot No.: 0403042



<sup>1</sup>H NMR CDCl<sub>3</sub>  
Analysed By: GRJ







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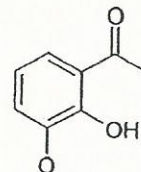
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