



# 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

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## CERTIFICATE OF ANALYSIS

Catalog Number: D-003

Product Name: **2',5'-DIHYDROXYACETOPHENONE**  
(Quinacetophenone,2-Acetylhydroquinone)

CAS Number: [490-78-8]

Lot Number: 1509670

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

Molecular Weight: 152.15

Melting Point: 204-206°C

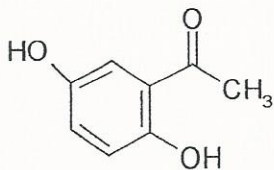
Appearance: Yellow crystalline powder

Solubility: Soluble in Methanol

TLC: Hexane:Ethyl acetate (7:3)

Storage: Store in a cool, dry place

Purity(HPLC): 99.90%





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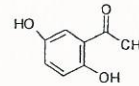
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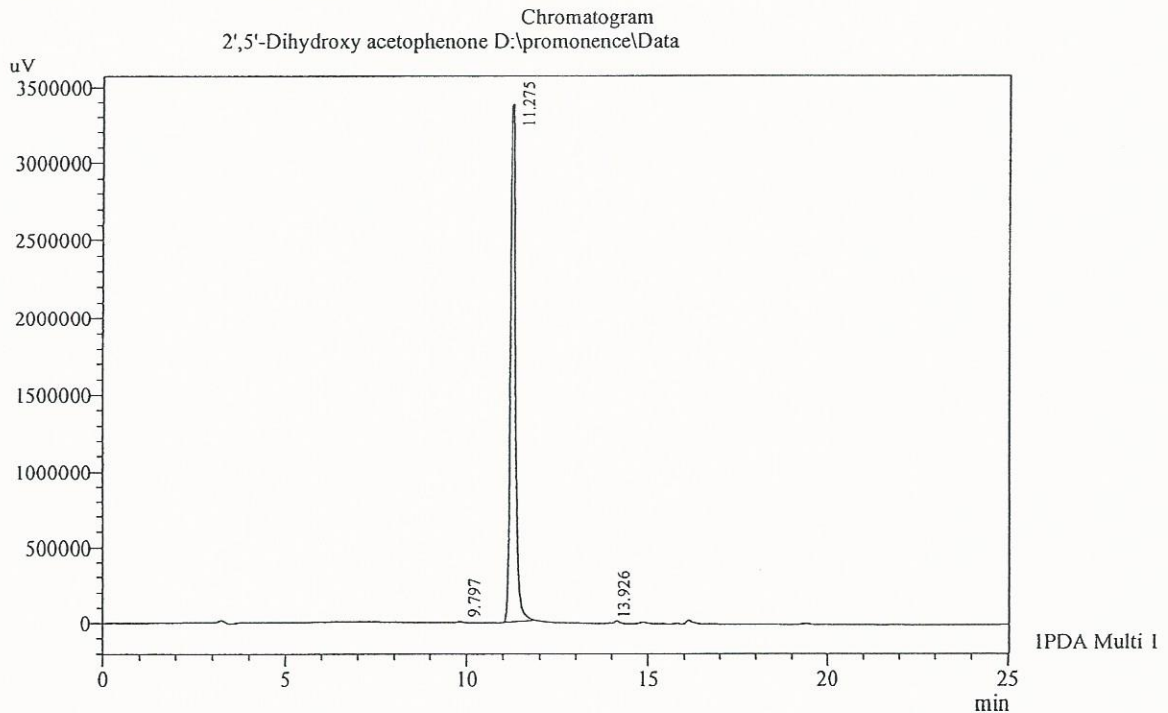
## HPLC ANALYSIS

Acquired by : Admin  
Sample Name : 2',5'-Dihydroxy acetophenone  
Sample ID : 5K  
Injection Volume : 20 uL  
Data Filename : 050615D.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: D-003  
Product Name: 2',5'-Dihydroxyacetophenone  
Lot No.: 1509670



Column : LUNA C-18, (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  
25.0 90 10  
Diluent : Acetonitrile



1 IPDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.797	9.797	20024	0.06	0.87
2	2',5'-DiOH acetophenone	11.275	32404720	99.90	1.00
3	RT:13.926	13.926	11453	0.04	1.24
Total			32436197	100.00	