



# 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)

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## CERTIFICATE OF ANALYSIS

Catalog Number: 22-338

Product Name: **2,2',5'-TRIHIDROXYCHALCONE**

Lot No.: 0112311

Molecular Formula: C<sub>15</sub>H<sub>12</sub>O<sub>4</sub>

Molecular Weight: 256.26

Melting Point: 193-195°C

Appearance: Brick red powder

Moisture(KF): 0.25%

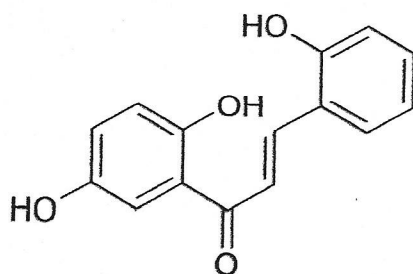
Solubility: Soluble in DMSO

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place. Protected from light.

Purity(HPLC): 99.69%





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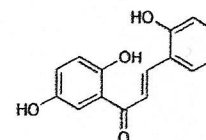
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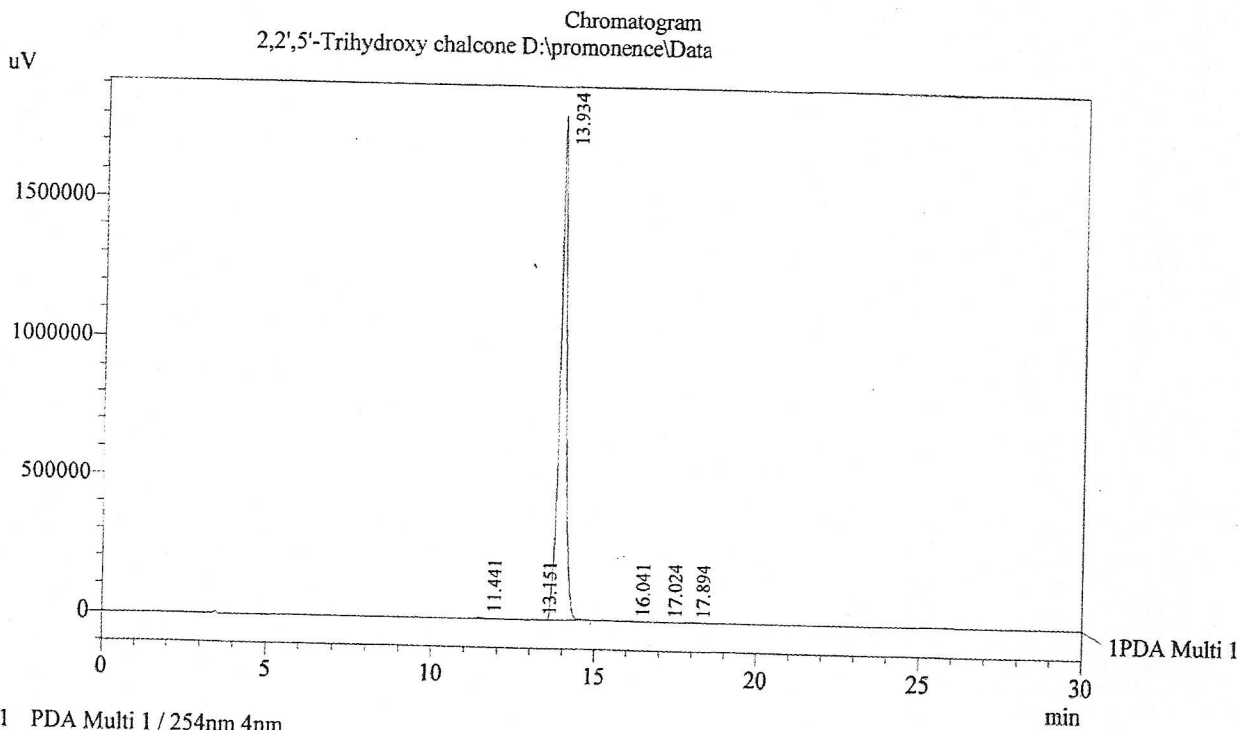
## HPLC ANALYSIS

Acquired by : Sanjeev  
 Sample Name : 2,2',5'-Trihydroxy chalcone  
 Sample ID : 53gm Lot (Lot No:0112311)  
 Injection Volume : 20 uL  
 Data Filename : 210813G.lcd  
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-338  
 Product Name: 2,2',5'-Trihydroxy chalcone  
 Lot No.: 0112311



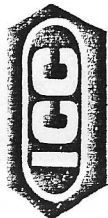
Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)  
 Flow : 1.000 mL/min.  
 Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)  
 0.01 90 10  
 12.0 10 90  
 20.0 10 90  
 23.0 90 10  
 30.0 90 10  
 Diluent : Acetonitrile



PDA Ch1 254nm 4nm

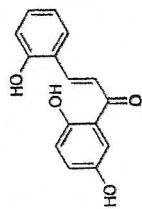
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.441	11.441	57069	0.23	0.82
2	RT:13.151	13.151	2638	0.01	0.94
3	2,2',5'-Trihydroxy chalcone	13.934	25204463	99.69	1.00
4	RT:16.041	16.041	15033	0.06	1.15
5	RT:17.024	17.024	513	0.00	1.22
6	RT:17.894	17.894	3101	0.01	1.28
Total			25282816	100.00	

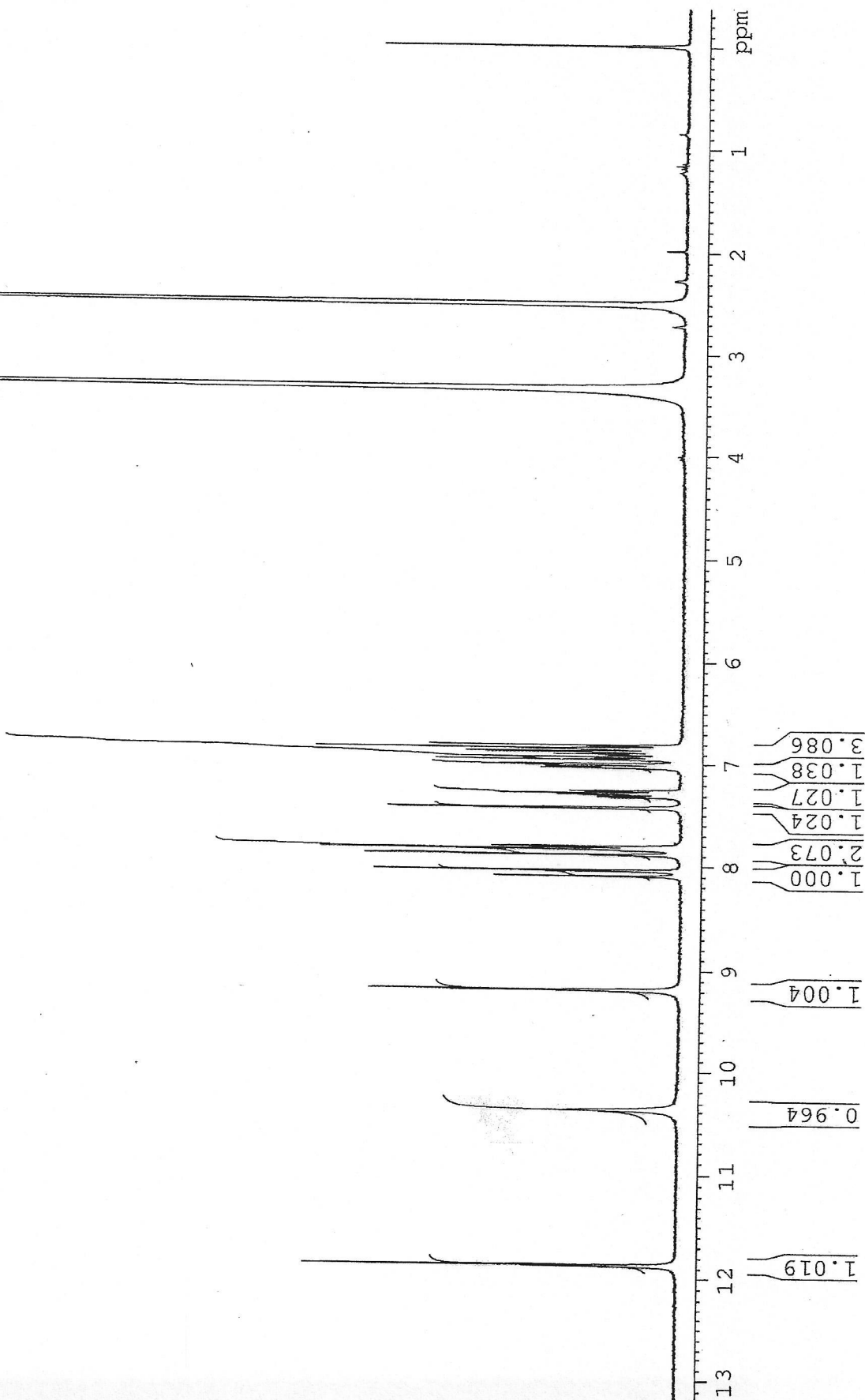


INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844

Catalog No.: 22-338  
Product Name: 2,2',5'-Trihydroxychalcone  
Lot No.: 0112311



THC  
1H IN DMSO  
AVANCE-300





INDOFINE Chemical Company, Inc.

121 STRYKER LANE

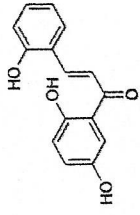
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