



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

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 19-159

Product: **2',5-DICHLORO-2-HYDROXY-4-METHYLBENZOPHENONE**

Lot No.: 1004023

Appearance: Light yellow powder

Molecular Formula: C₁₄H₁₀Cl₂O₂

Melting Point: 96-97°C

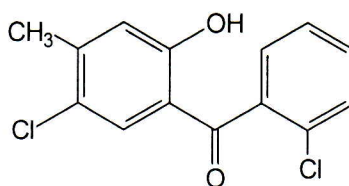
M.W.: 281.13

Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (9.5:0.5)

Moisture (KF): 0.56%

Assay (HPLC): 99.15%





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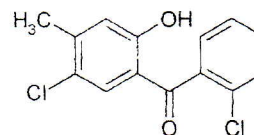
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HPLC ANALYSIS

Cat. No.: 19-159
Product: 2',5-Dichloro-2-hydroxy-4-methylbenzophenone
Lot No.: 1004023

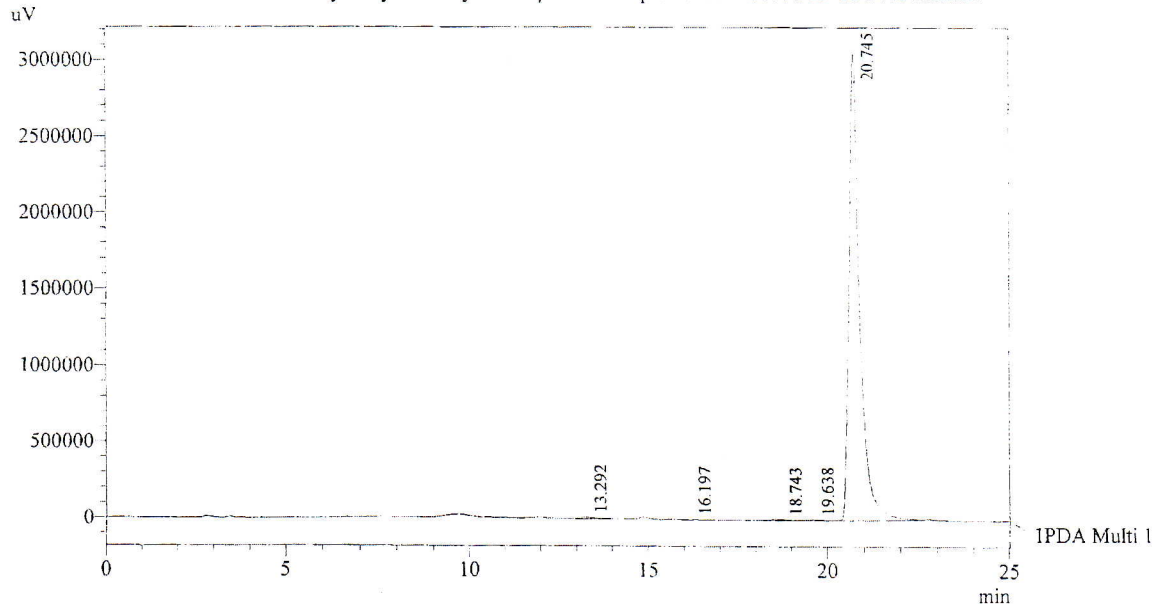
Date Acquired : 3/4/2010 4:18:35 PM
Acquired by : Madhuri
Sample Name : 2',5-Dichloro-2-hydroxy-4-Methyl Benzophenone
Sample ID :
Injection Volume : 20 uL
Data Filename : 040310H.lcd
Method Filename : Linear Gradient.M.lcm



Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10

Chromatogram

2',5-Dichloro-2-hydroxy-4-Methyl Benzophenone D:\promonence\2010\Mar-10\040310H.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	13.292	198371	9074	0.322
2	16.197	88132	4760	0.143
3	18.743	157974	4985	0.257
4	19.638	78604	3909	0.128
5	20.745	61036332	3053403	99.150
Total		61559414	3076131	100.000



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Cat. No.: 19-159

Product:

2',5-Dichloro-2-hydroxy-4-methylbenzophenone

Lot No.: 1004023

RS-CHLORO
1H IN CDCl₃
AVANCE-300

