



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

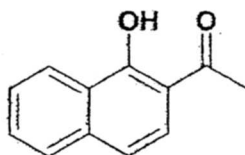
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

CAT. No.: H-010

<u>Product Name:</u>	1'-HYDROXY-2'-ACETONAPHTHONE
<u>CAS Number:</u>	[711-79-5]
<u>Lot Number:</u>	98008
<u>Molecular formula:</u>	C ₁₂ H ₁₀ O ₂
<u>Molecular Weight:</u>	186.21
<u>Melting Point:</u>	100-101°C
<u>Appearance:</u>	Light green crystalline powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane:Ethyl acetate (8:2)
<u>Purity(HPLC):</u>	99.83%





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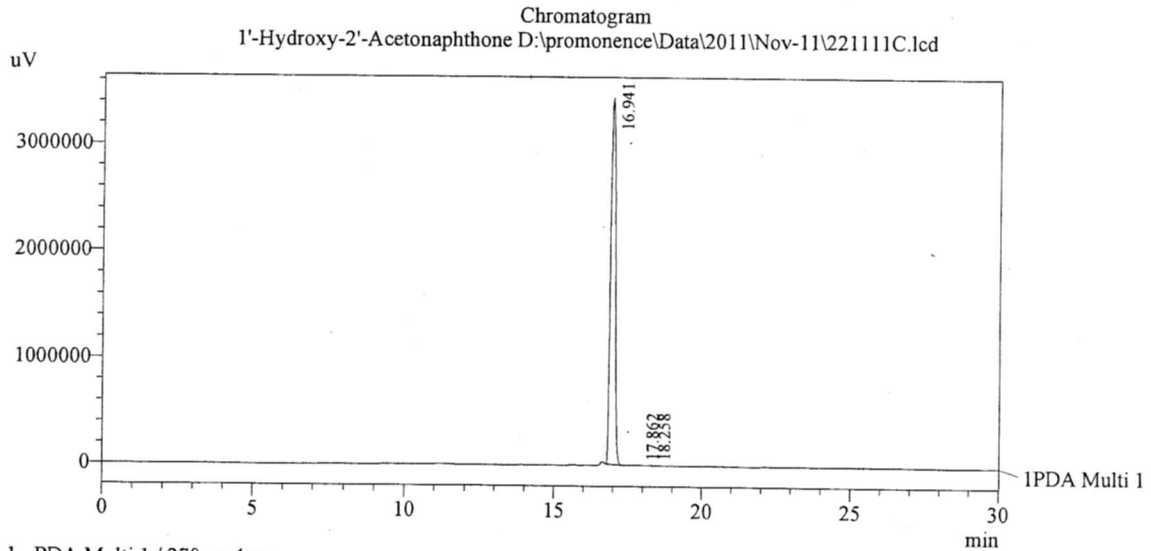
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
Sample Name : 1'-Hydroxy-2'-Acetonaphthone
Sample ID : Lot No:- 98008
Injection Volume : 20 uL
Data Filename : 221111C.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: H-010
Product name: 1'-Hydroxy-2'-acetonaphthone
Lot No.: 98008

Date Acquired : 11/22/2011 11:29:12 AM
Data Processed : 11/22/2011 6:00:38 PM
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
25.0 90 10
30.0 90 10



1 PDA Multi 1 / 270nm 4nm

PeakTable

PDA Ch1 270nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:16.941	16.941	38701017	99.83	1.00
2	RT:17.862	17.862	36320	0.09	1.05
3	RT:18.258	18.258	28103	0.07	1.08
Total			38765440	100.00	

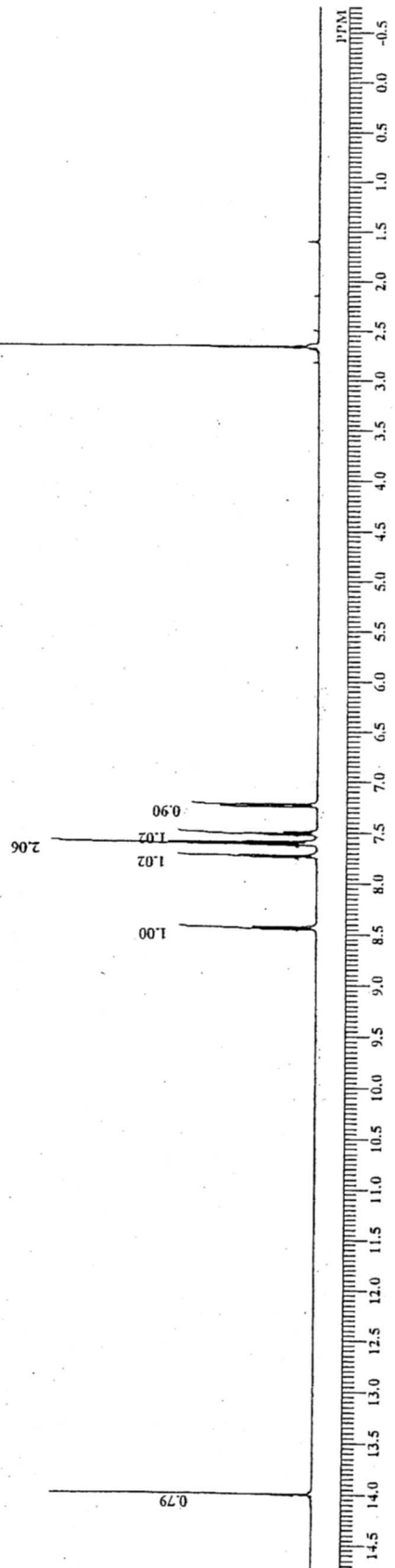


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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

IFC-2 1H NMR CDCl3

Cat. No.: H-010
Product name: 1'-Hydroxy-2'-acetoneaphthone
Lot No.: 98008

DFILE IFC-2.als
COMINT IFC-2 1H NMR CDCl3
DATIM Tue Nov 22 19:53:49 2011
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBRIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC 1H 21.8 c
CTEMP CDCl3
SLVNT 7.24 ppm
EXREF 0.30 Hz
BF 14
RGAIN





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HILLSBOROUGH, NJ 08844

IFC-2 1H NMR CDC13

Cat. No.: H-010
Product name: 1'-Hydroxy-2'-acetonaphthone
Lot No.: 98008

DFILE IFC-2.mh
COMNT IFC-2 1H NMR CDC13
DATIM Tue Nov 22 19:53:49 2011
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWL 5.60 usec
IRNUC 1H
CTEMP 21.8 c
SLVNT CDC13
EXREF 7.24 ppm
BF 0.30 Hz
RGAIN 14

