



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

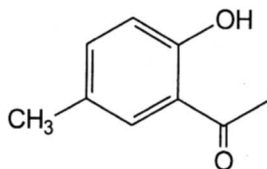
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: H-035

<u>Product:</u>	2'-HYDROXY-5'-METHYL ACETOPHENONE
<u>CAS Number:</u>	[1450-72-2]
<u>Lot Number:</u>	97034
<u>Molecular Formula:</u>	C ₉ H ₁₀ O ₂
<u>Molecular Weight:</u>	150.18
<u>Melting Point:</u>	45-46°C
<u>Appearance:</u>	Pale green crystalline powder
<u>Solubility:</u>	Soluble in Chloroform
<u>TLC:</u>	Chloroform:Methanol (9:1)
<u>Purity(HPLC):</u>	99.90%





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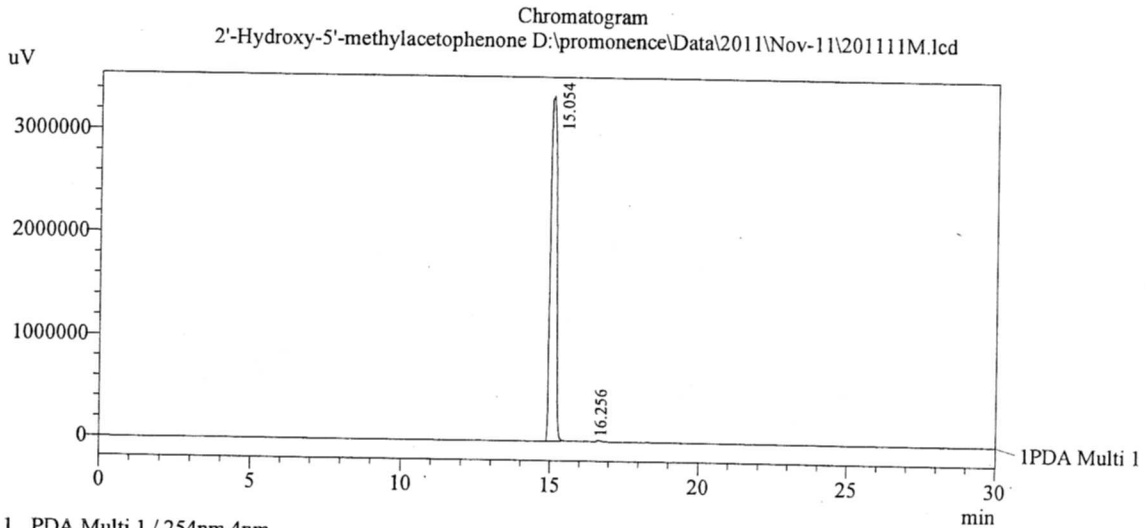
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HPLC ANALYSIS

Acquired by	: Admin	Cat. No.:	H-035
Sample Name	: 2'-Hydroxy-5'-methylacetophenone	Product name:	2'-Hydroxy-5'-methylacetophenone
Sample ID	: Lot No: 97034	Lot No.:	97034
Injection Volume	: 20 uL		
Data Filename	: 201111M.lcd		
Method Filename	: Linear Gradient.M.lcm		
Date Acquired	: 11/20/2011 4:51:07 PM		
Data Processed	: 11/20/2011 5:36:09 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 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.054	15.054	49587447	99.90	1.00
2	RT:16.256	16.256	47663	0.10	1.08
Total			49635110	100.00	

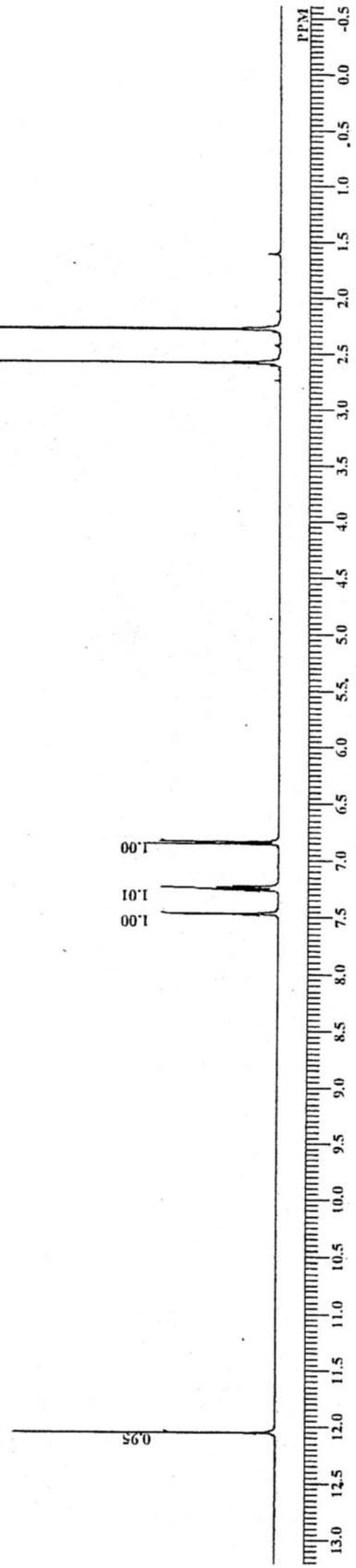


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HILLSBOROUGH, NJ 08844

IFC-3 1H NMR CDCl3

Cat. No.: H-035
Product name: 2'-Hydroxy-5'-methylacetophenone
Lot No.: 97034

DFILE IFC-3.als
COMNT IFC-3 1H NMR CDCl3
DATIM Tue Nov 22 20:05:07 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
AQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC 1H
CTEMP 22.0 c
SLVNT CDCl3
EXREF 7.24 ppm
BF 0.30 Hz
RGAIN 14





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IFC-3 1H NMR CDCl3

Cat. No.: H-035
Product name: 2'-Hydroxy-5'-methylacetophenone
Lot No.: 97034

