



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

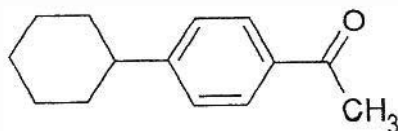
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	12-301
<u>Product Name:</u>	4'-CYCLOHEXYLACETOPHENONE
<u>CAS Number:</u>	[18594-05-3]
<u>Lot Number:</u>	1306345
<u>Chemical Formula:</u>	C ₁₄ H ₁₈ O
<u>Molecular Weight:</u>	202.30
<u>Melting Point:</u>	67-70°C
<u>Appearance:</u>	Dull white crystalline powder
<u>Solubility:</u>	Soluble in Chloroform
<u>Moisture (KF):</u>	0.2%
<u>TLC:</u>	Hexane : Ethyl acetate (9.5:0.5)
<u>NMR Spectrum:</u>	Enclosed (Confirms to the structure)
<u>Storage:</u>	Cool dry place
<u>Purity (HPLC):</u>	99.89%





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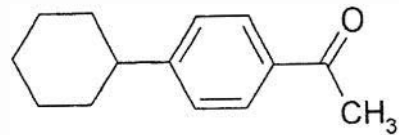
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HPLC ANALYSIS

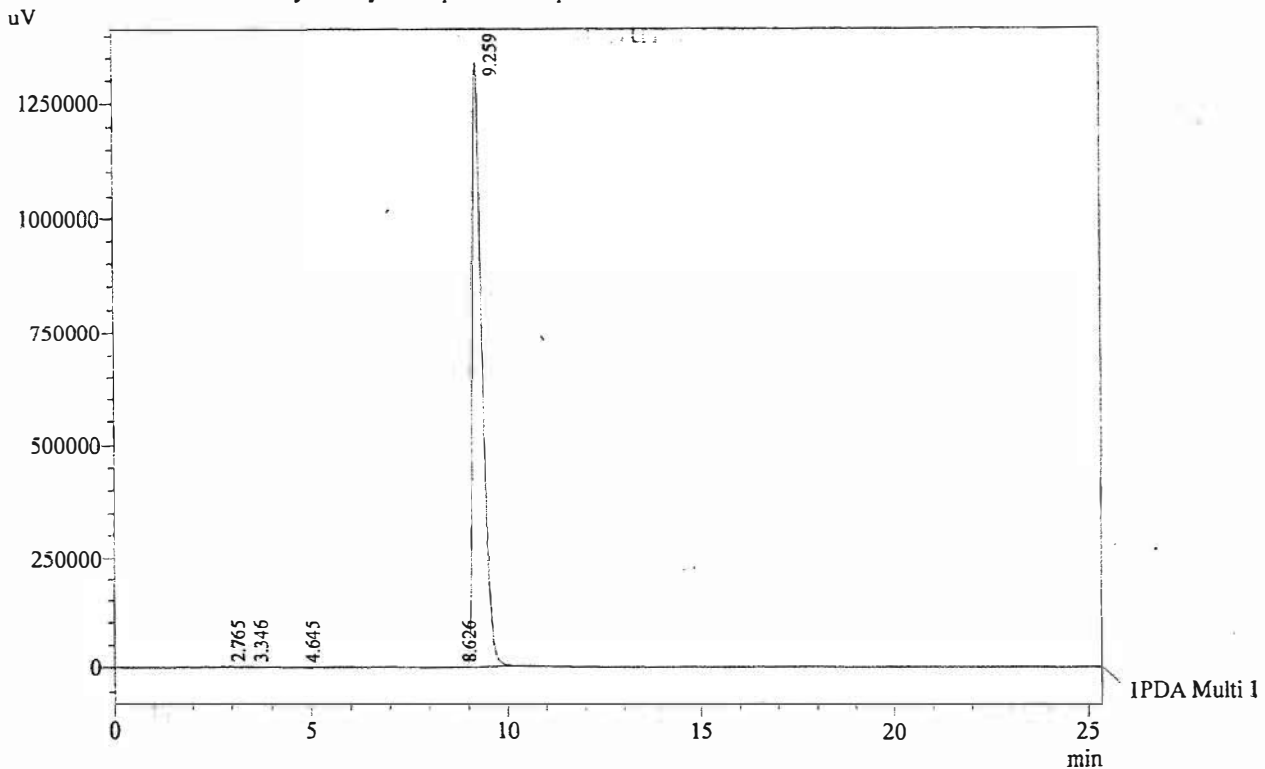
Acquired by : Sanjeev
Sample Name : 4'-Cyclohexyl acetophenone
Sample ID : 1.4Kg Lot
Injection Volume : 20 uL
Data Filename : 170613J.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 12-301
Product name: 4'-Cyclohexyl acetophenone
Lot No.: 1306345

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% of Water) B(80% of Acetonitrile)



Chromatogram
4'-Cyclohexyl acetophenone D:\promonence\Data\2013JUNE-2013\170613J.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

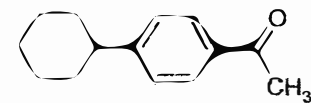
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.765	2.765	8156	0.04	0.30
2	RT:3.346	3.346	5979	0.03	0.36
3	RT:4.645	4.645	5004	0.02	0.50
4	RT:8.626	8.626	5370	0.02	0.93
5	4'-Cyclohexyl A.P	9.259	22741273	99.89	1.00
Total			22765783	100.00	

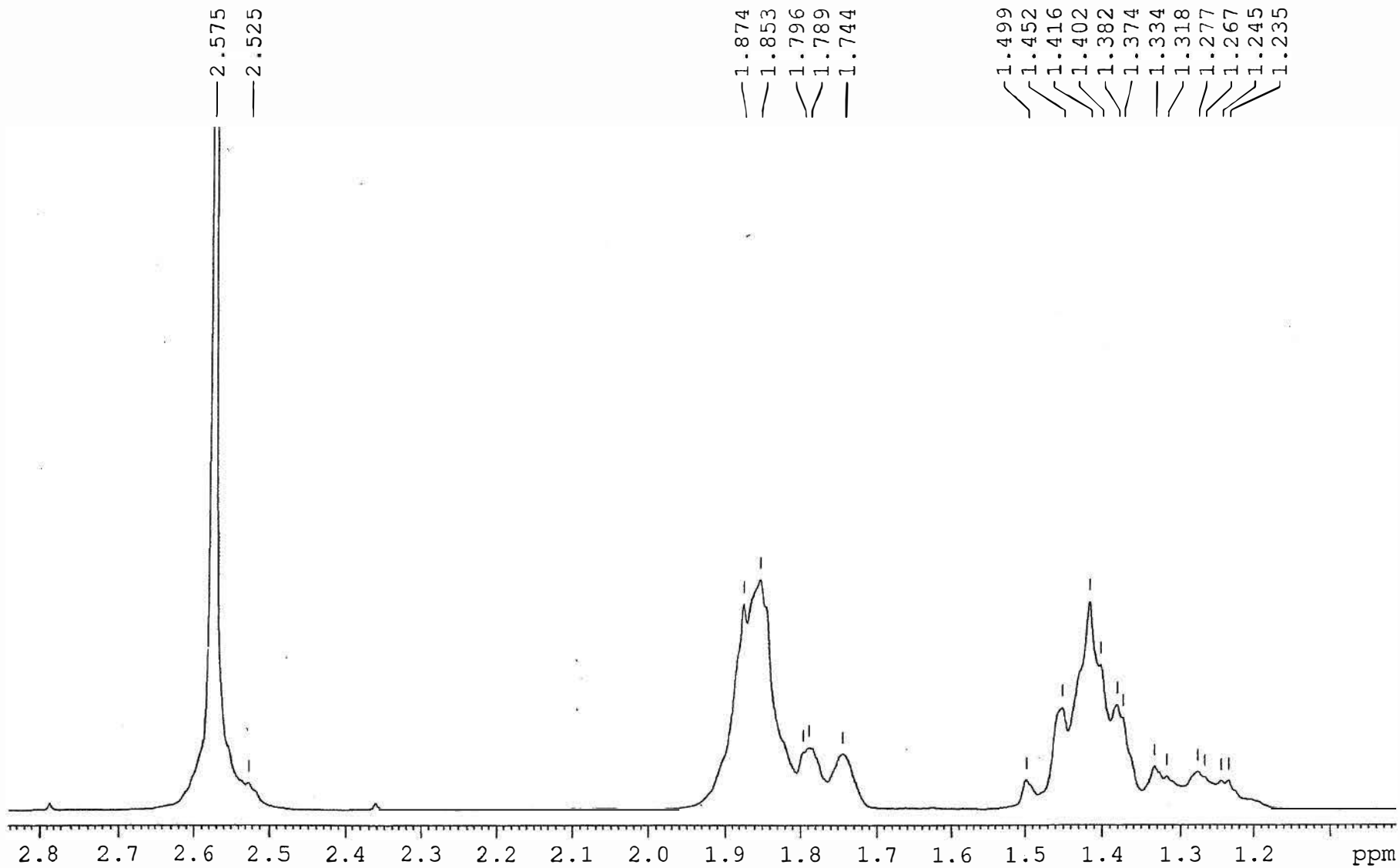


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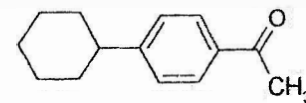
PCAC
1H IN CDCL3
AVANCE-300





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