

 **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

Catalog Number: 17-209

Product Name: **6-METHYLCHROMANONE**

CAS Number: [39513-75-2]

Lot Number: 97094

Chemical Formula: C₁₀H₁₀O₂

Molecular Weight: 162.19

Appearance: Pale yellow liquid

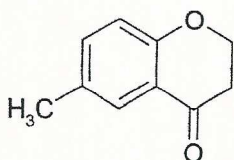
Solubility: Soluble in chloroform

TLC: Hexane : Ethyl acetate (7:3)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 97.59%





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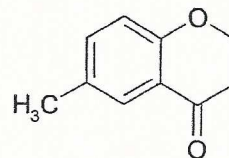
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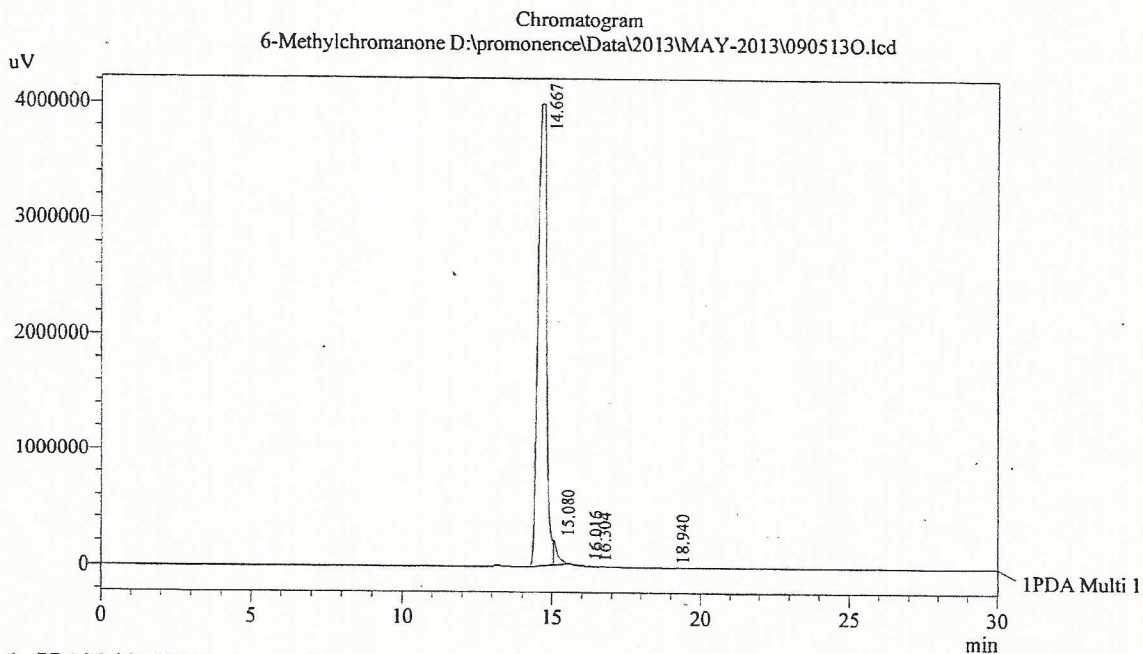
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 6-Methylchromanone
 Sample ID : Lot No:- 97094
 Injection Volume : 20 uL
 Data Filename : 0905130.lcd
 Method Filename : Linear Gradient.M.lcm
 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



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 Lot No.: 97094



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	6-Methylchromanone	14.667	81183774	97.59	1.00
2	RT:15.080	15.080	1898008	2.28	1.03
3	RT:16.016	16.016	61823	0.07	1.09
4	RT:16.304	16.304	35734	0.04	1.11
5	RT:18.940	18.940	9314	0.01	1.29
Total			83188653	100.00	

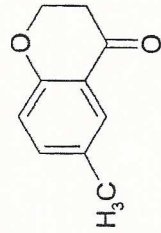


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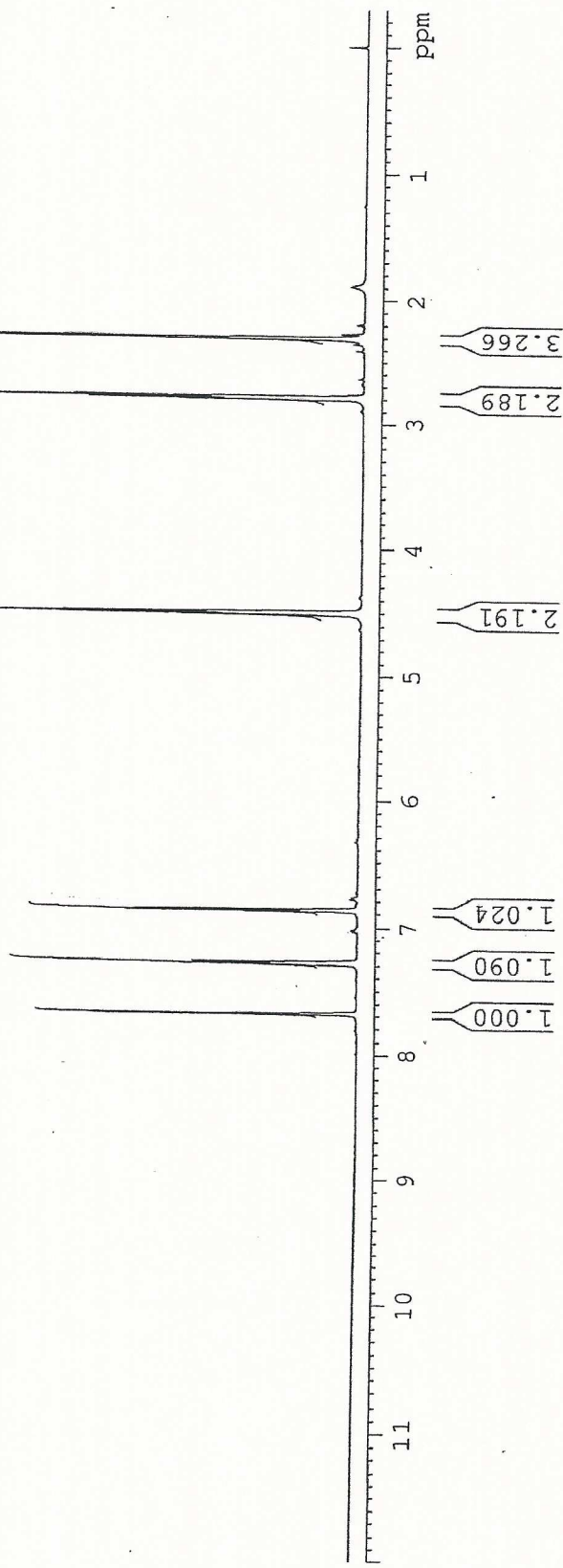
SOLVENT CDCL3
 NS 8
 DS 0
 SWH 9803.922 Hz
 FIDRES 0.326819 Hz
 AQ 1.5299480 sec
 RG 16
 DW 51.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

ICC-MAY-11
 1H IN CDCL3
 AVANCE-600



Catalog No.: 17-209
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===== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.50 dB
 PLLW 6.62584448 W
 SF01 600.3345228 MHz
 SI 32768
 SF 600.3300034 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





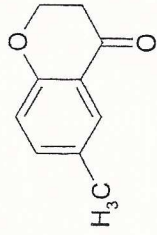
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