



# 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](http://www.indofinechemical.com)

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## CERTIFICATE OF ANALYSIS

Catalog Number: 19-658

Product Name: **6-METHYLTHIOCHROMANONE**

CAS Number: [2896-60-8]

Lot Number: 0310176

Chemical Formula: C<sub>10</sub>H<sub>10</sub>CS

Molecular Weight: 178.25

Melting Point: 40-42°C

Appearance: Off white crystalline powder

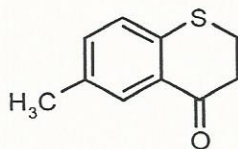
Solubility: Soluble in Chloroform

TLC: n-Hexane:Ethyl acetate (7:3)

Solubility: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.29%





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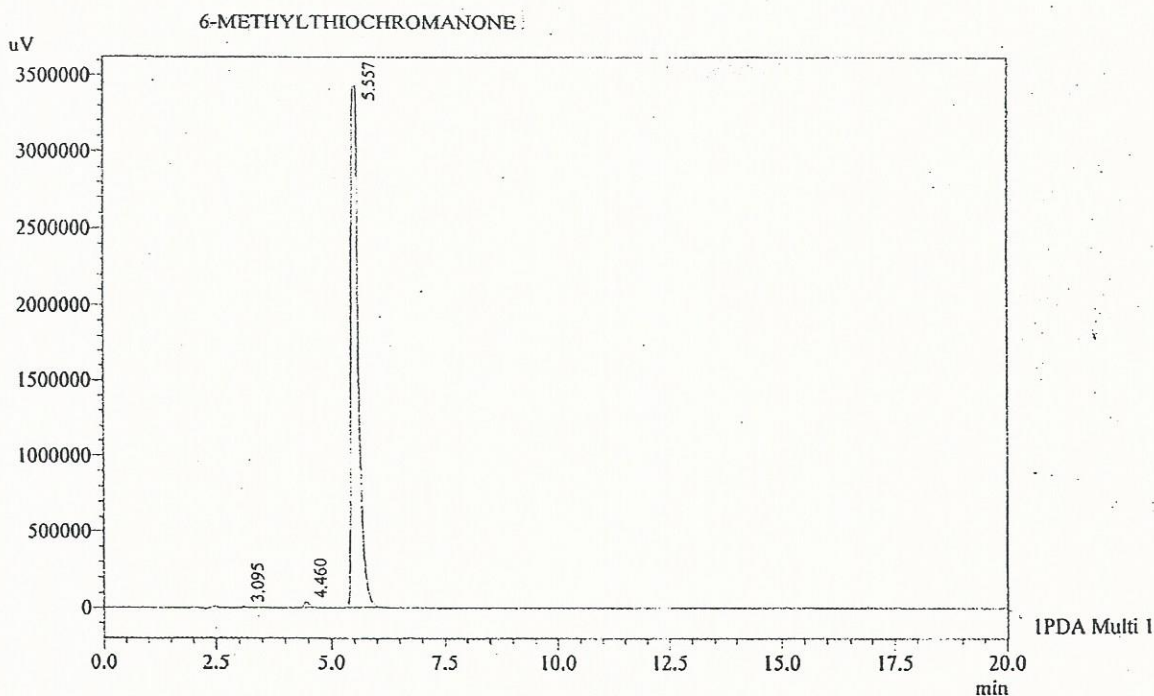
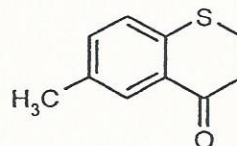
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS:

Acquired by : Admin  
Sample Name : 6-METHYLTHIOCHROMANONE  
Sample ID : 310176  
Injection Volume : 20 uL  
Data Filename : 230215H.lcd  
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 19-658  
Product Name: 6-Methylthiochromanone  
Lot No.: 0310176

Column : Gemini C-18, (250mm x4.6mm 5.0µ)  
Flow : 1.000 mL/min.  
Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)



1 PDA Multi 1 / 230nm 4nm

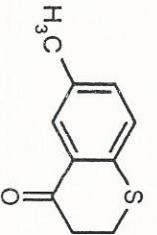
PeakTable

PDA Ch1 230nm 4nm

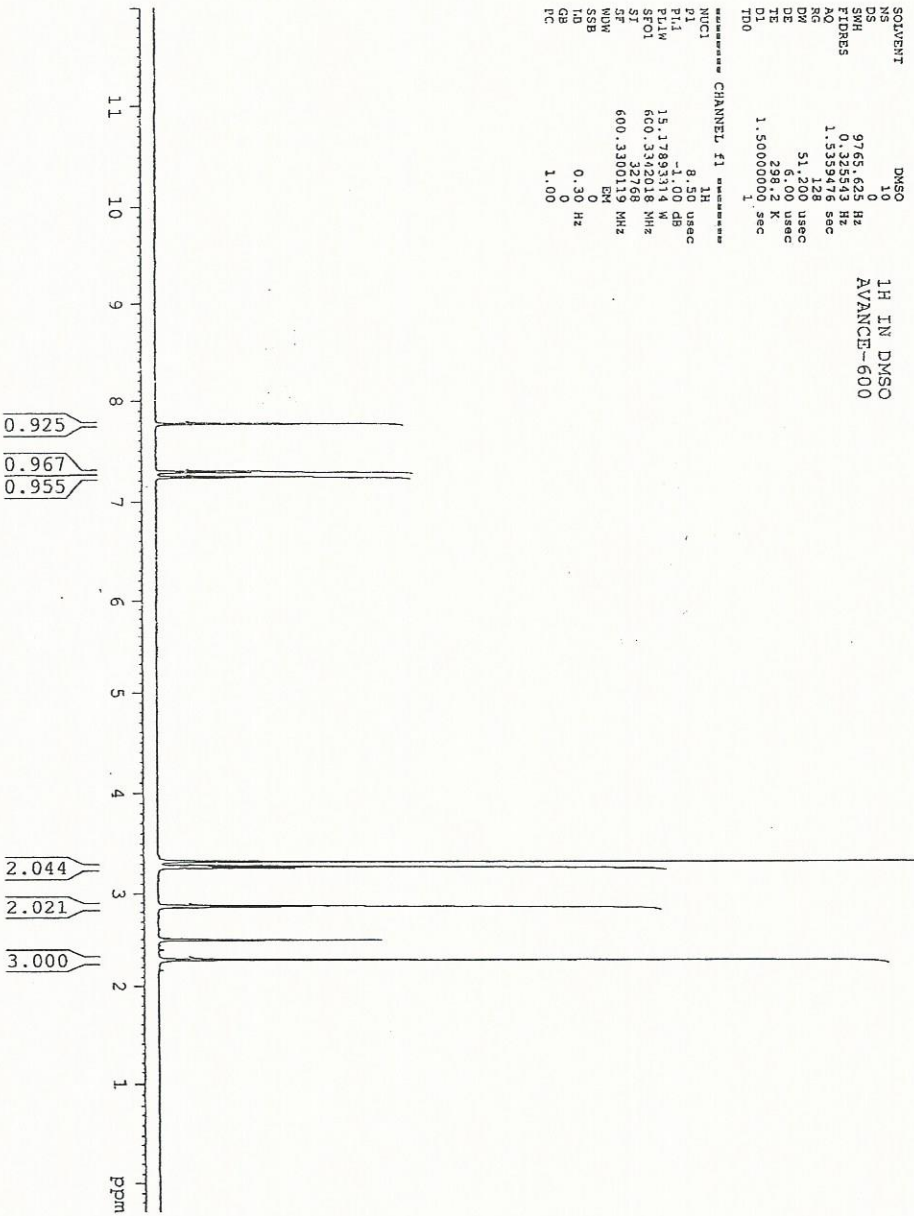
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:3.093	3.095	40344	0.10	0.56
2	RT:4.460	4.460	247021	0.61	0.80
3	6-METHYLTHIOCHROM	5.557	40332356	99.29	1.00
Total			40619721	100.00	



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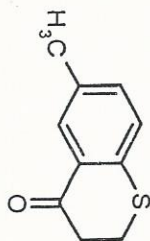


Catalog No.: 19-658  
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Catalog No.: 19-658  
Product Name: 6-Methylthiochromanone  
Lot No.: 0310176

SOLVENT DMSO  
NS 10  
DS 0  
P1 8.50 usec  
P1.1 -1.00 dB  
P1.1W 15.17893314 W  
SFO1 600.3342018 MHz  
S1 32758  
S1 600.3300119 MHz  
S1 EX  
S1 0.30 Hz  
S1 0  
S1 1.00  
S1 1.00

1H IN DMSO  
AVANCE-600

\*\*\*\*\* CHANNEL F1 \*\*\*\*\*  
NUC1 1H  
P1 8.50 usec  
P1.1 -1.00 dB  
P1.1W 15.17893314 W  
SFO1 600.3342018 MHz  
S1 32758  
S1 600.3300119 MHz  
S1 EX  
S1 0.30 Hz  
S1 0  
S1 1.00  
S1 1.00

