



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

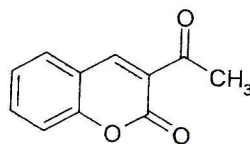
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog No.: A-103

<u>Product:</u>	3-ACETYLCOUMARIN
<u>CAS Number:</u>	[3949-36-8]
<u>Lot No.:</u>	1178
<u>Molecular Formula:</u>	C ₁₁ H ₈ O ₃
<u>Molecular Weight:</u>	188.18
<u>Melting Point:</u>	121.2-122.8°C
<u>Appearance:</u>	White powder
<u>TLC:</u>	Hexane:Ethyl Acetate (7.5:2.5)
<u>Solubility:</u>	Soluble in Chloroform
<u>Assay (HPLC):</u>	99.50%





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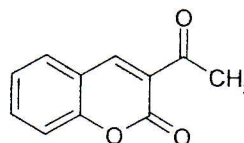
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HPLC ANALYSIS

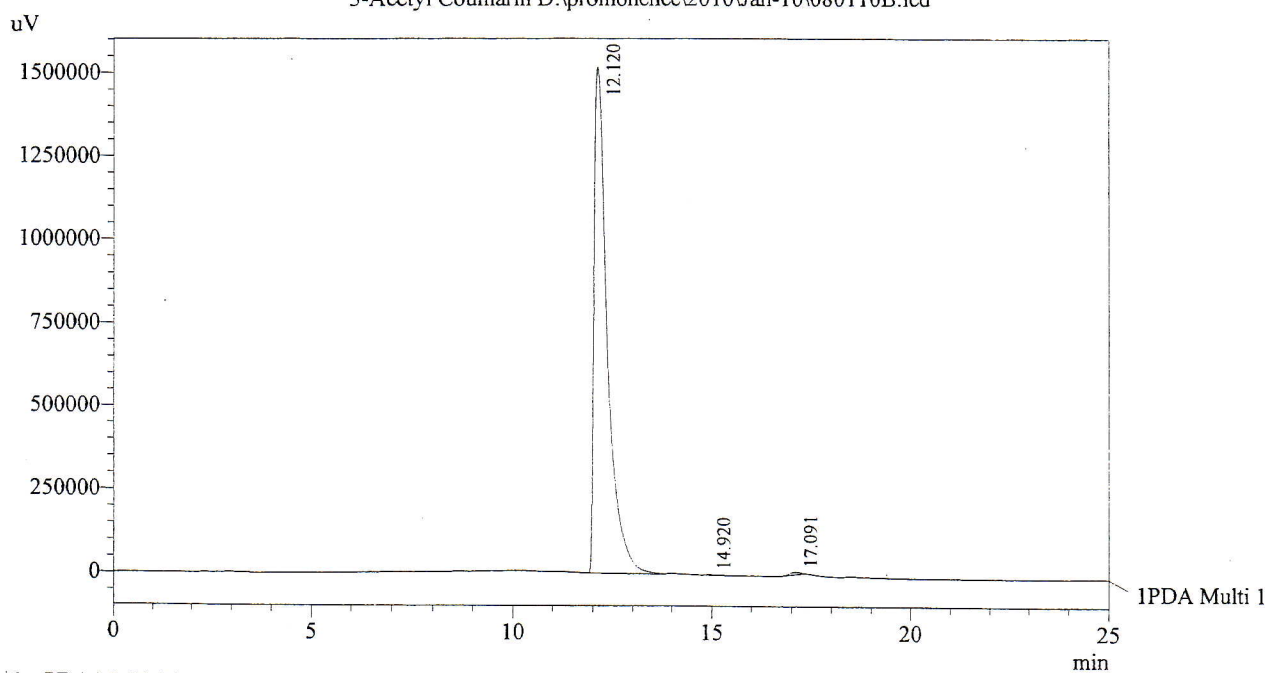
Date Acquired : 1/8/2010 11:58:23 AM
Acquired by : Madhuri
Sample Name : 3-Acetyl Coumarin
Sample ID : Indofine Lot No-1178
Injection Volume : 20 uL
Data Filename : 080110B.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: A-103
Product: 3-Acetylcoumarin
Lot No.: 1178

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



Chromatogram
3-Acetyl Coumarin D:\promonence\2010\Jan-10\080110B.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable

Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	12.120	34444634	1516675	99.506
2	14.920	42754	1810	0.124
3	17.091	128334	7626	0.371
Total		34615722	1526111	100.000