



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

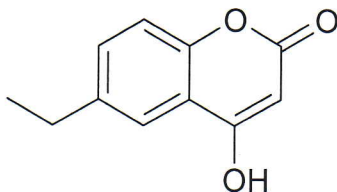
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 19-744

<u>Product:</u>	6-ETHYL-4-HYDROXYCOUMARIN
<u>CAS No.:</u>	[55005-28-2]
<u>Lot No.:</u>	0405102
<u>Molecular Formula:</u>	C ₁₁ H ₁₀ O ₃
<u>Molecular Weight:</u>	190.20
<u>Melting Point:</u>	219-221°C
<u>Appearance:</u>	White powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Chloroform : Methanol (9:1)
<u>Purity(HPLC):</u>	99.44%





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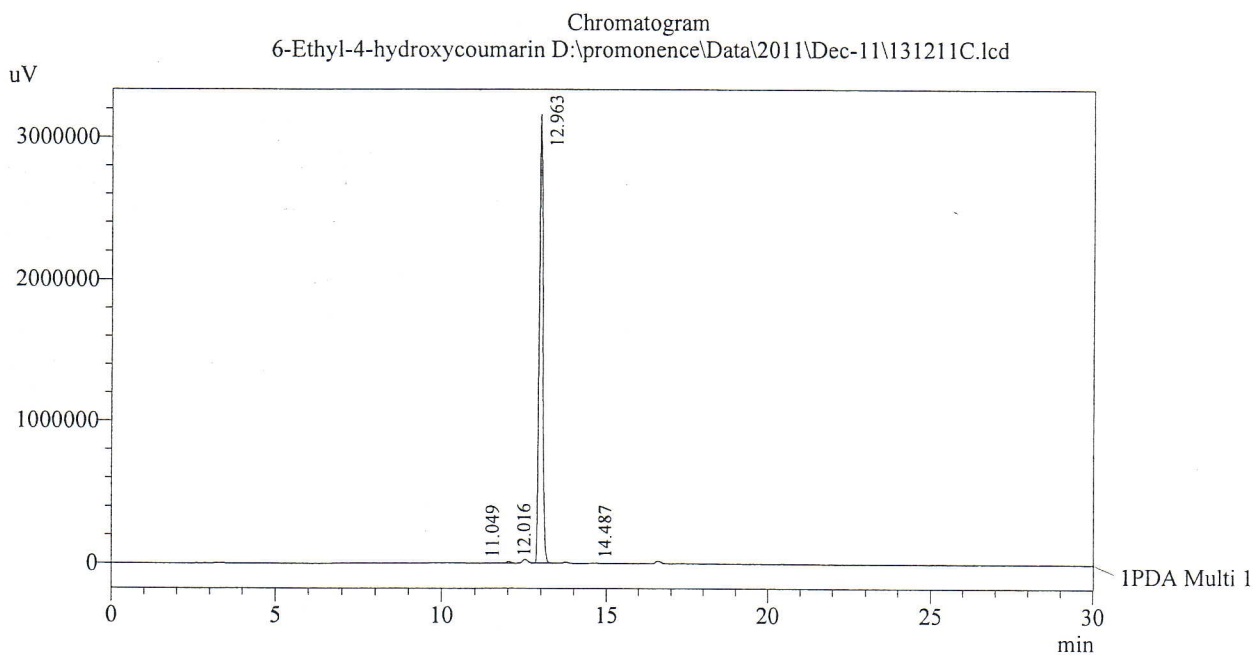
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HPLC ANALYSIS

Acquired by	: Sanjeev	Cat. No.:	19-744
Sample Name	: 6-Ethyl-4-hydroxycoumarin	Product name:	6-Ethyl-4-hydroxycoumarin
Sample ID	: Lot No:- 0405102	Lot No.:	0405102
Injection Volume	: 20 uL		
Data Filename	: 131211C.lcd		
Method Filename	: Linear Gradient.M.lcm		

Date Acquired	: 12/13/2011 11:44:01 AM
Data Processed	: 12/13/2011 12:23:44 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:11.049	11.049	18798	0.08	0.85
2	RT:12.016	12.016	108931	0.45	0.93
3	RT:12.963	12.963	24176400	99.44	1.00
4	RT:14.487	14.487	9235	0.04	1.12
Total			24313363	100.00	

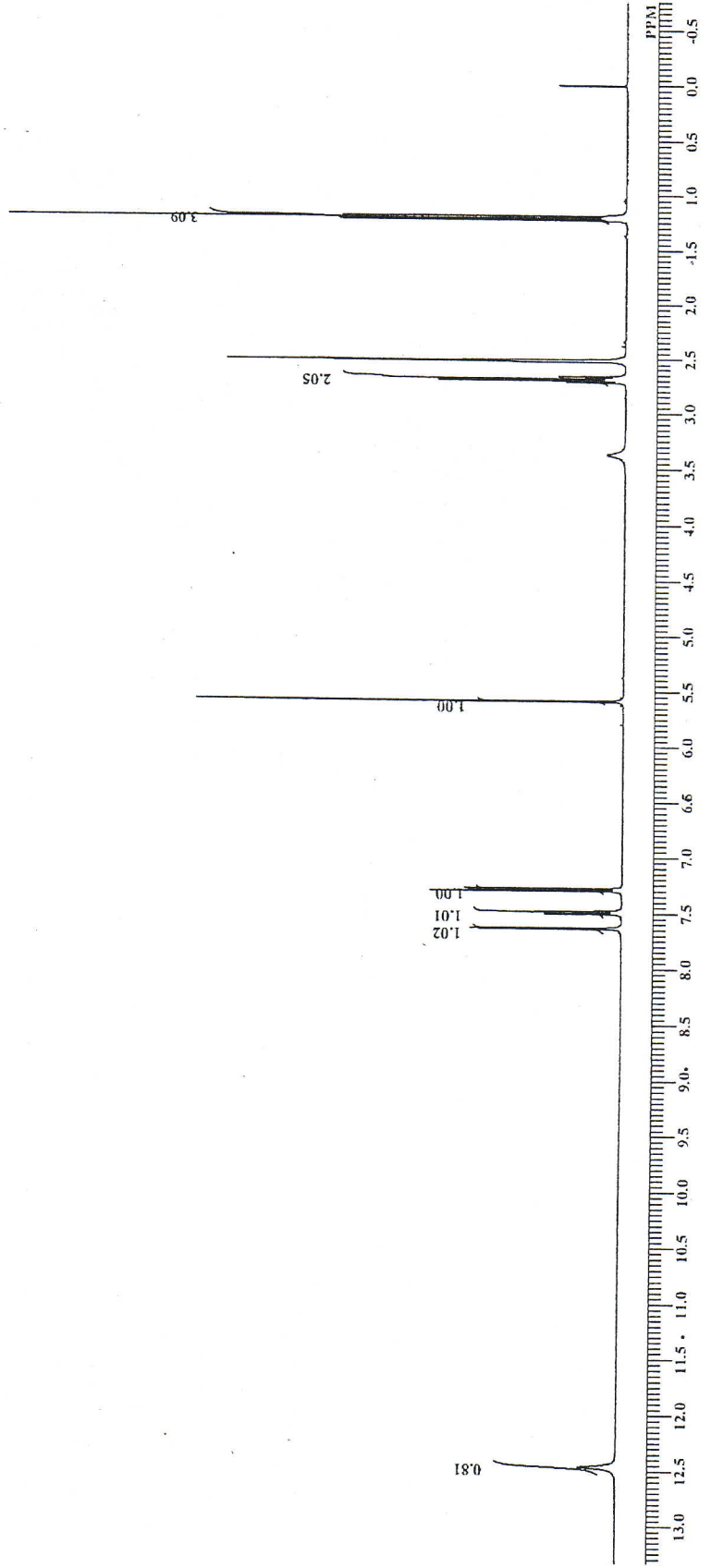


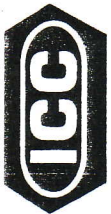
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

DELF ICC-10.ads
COMNT ICC-10 1H NMR DMSO-D6
DATIM Sun Dec 18 13:08:17 2011
OBNUC 1H
EXMOD NON
OBFRO 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC 1H
CTEMP 23.8 c
SLVNT DMSO
EXREF 6.00 ppm
BF 0.30 Hz
RGAIN 21

ICC-10 1H NMR DMSO-D6

Cat. No.: 19-744
Product name: 6-Ethyl-4-hydroxycoumarin
Lot No.: 0405102



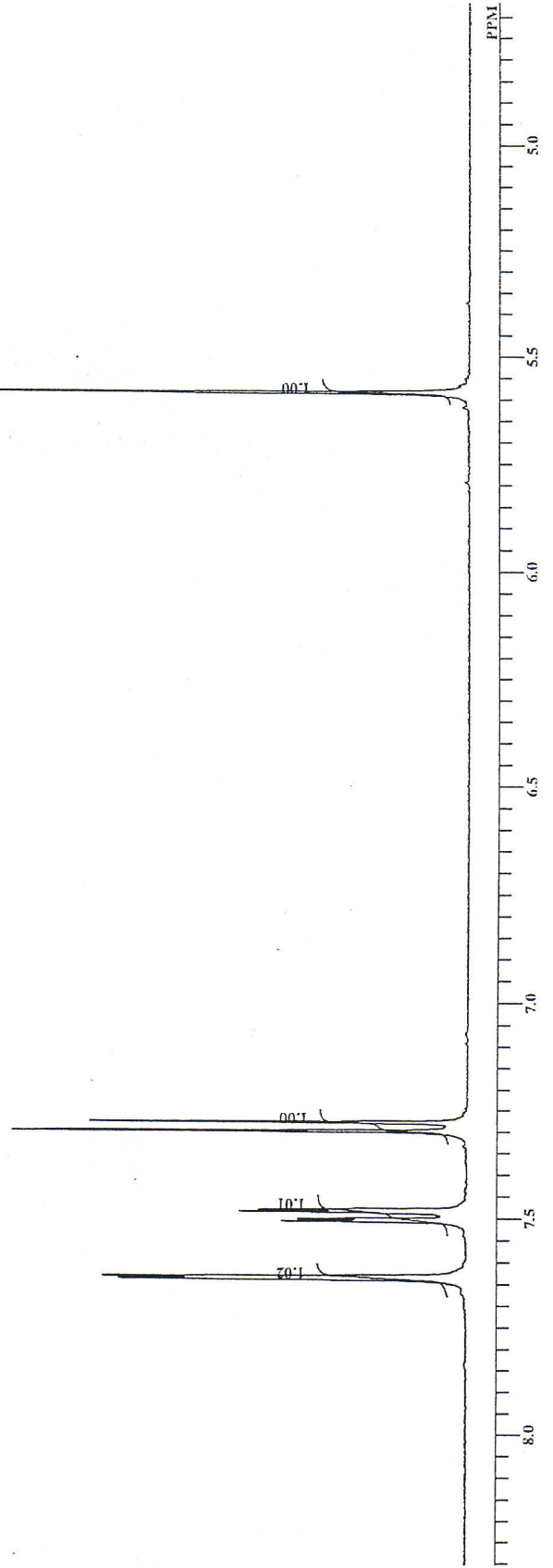


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