



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

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CERTIFICATE OF ANALYSIS

Catalog Number: 19-348

Product Name: **4-HYDROXY-6-METHOXYCOUMARIN**

CAS Number: [13252-84-1]

Lot Number: 0807039

Chemical Formula: $C_{10}H_8O_4$

Molecular Weight: 192.17

Melting Point: 269-270°C

Appearance: Off white powder

Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

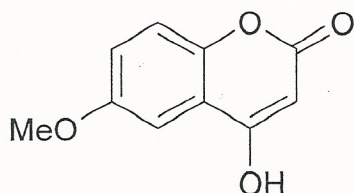
Moisture(KF): 0.56%

NMR Spectrum: Enclosed

Mass Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 98.49%





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HPLC ANALYSIS

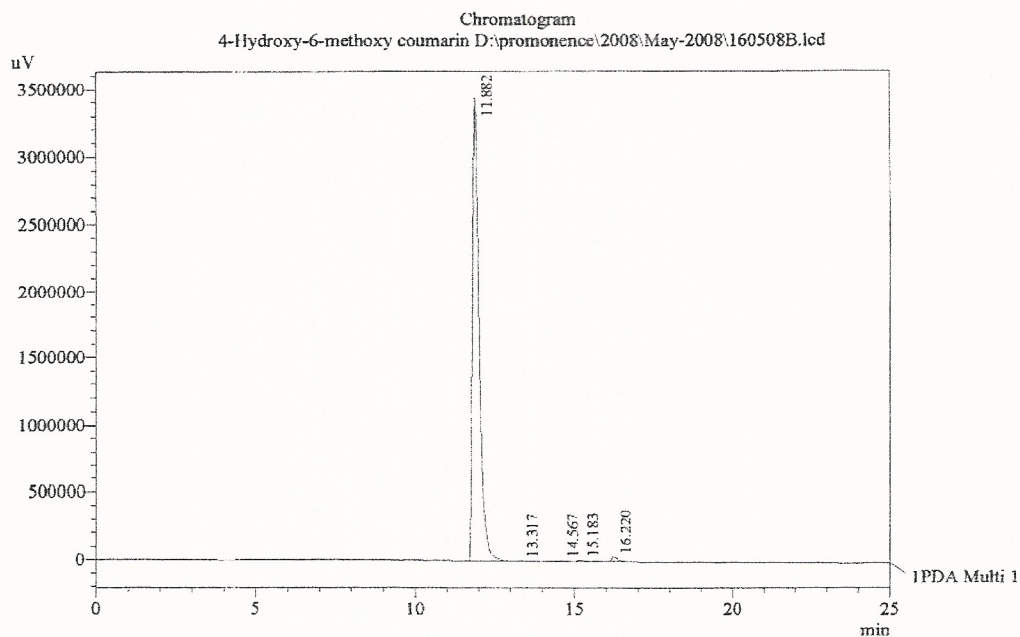
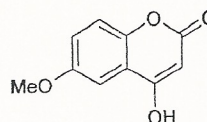
Acquired by : Ramana
Sample Name : 4-Hydroxy-6-methoxy coumarin
Sample ID : Export sample
Injection Volume : 20 µL
Data Filename : 160508B.lcd
Method Filename : Linear Gradient.M.lcm

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Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.00 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	11.882	49534831	3449706	98.493
2	13.317	48569	3657	0.097
3	14.567	92869	6443	0.185
4	15.183	162553	12416	0.323
5	16.220	453802	32708	0.902
Total		50292623	3504929	100.000

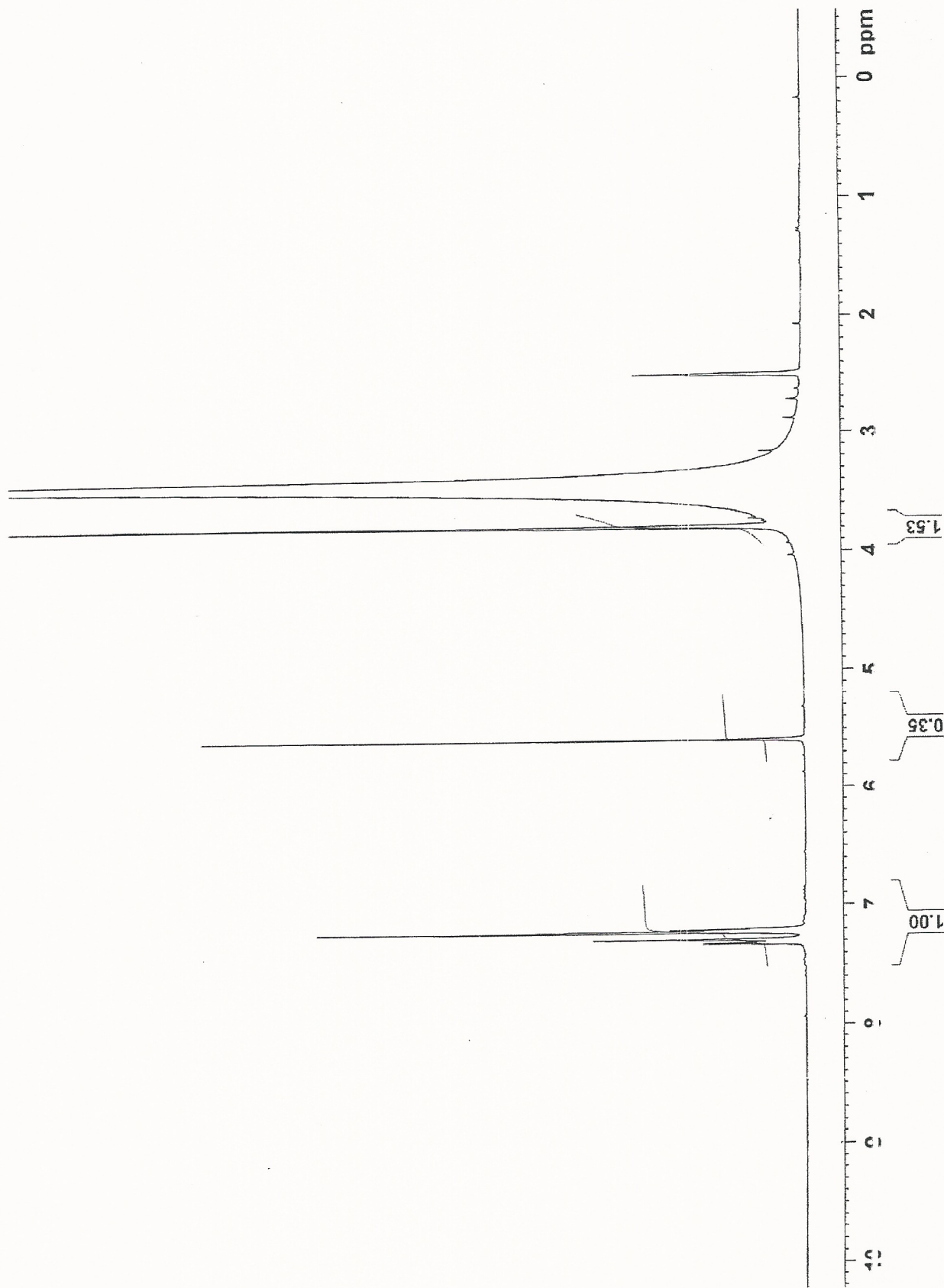
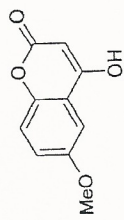


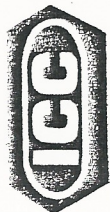
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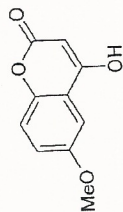
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Print of window 80: MS Spectrum



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