



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: 19-768

Product Name: **4-HYDROXY-7-METHOXY-3-PHENYLCOUMARIN**

CAS Number: [2555-24-0]

Lot Number: 0406148

Chemical Formula: C₁₆H₁₂O₄

Molecular Weight: 268.27

Appearance: White crystalline powder

Melting Point: 203-205°C

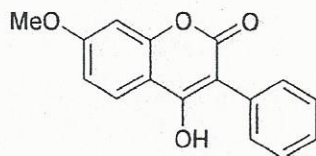
Solubility: Soluble in DMSO

TLC: n-Hexane:Ethyl acetate (1:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 99.46%





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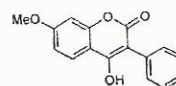
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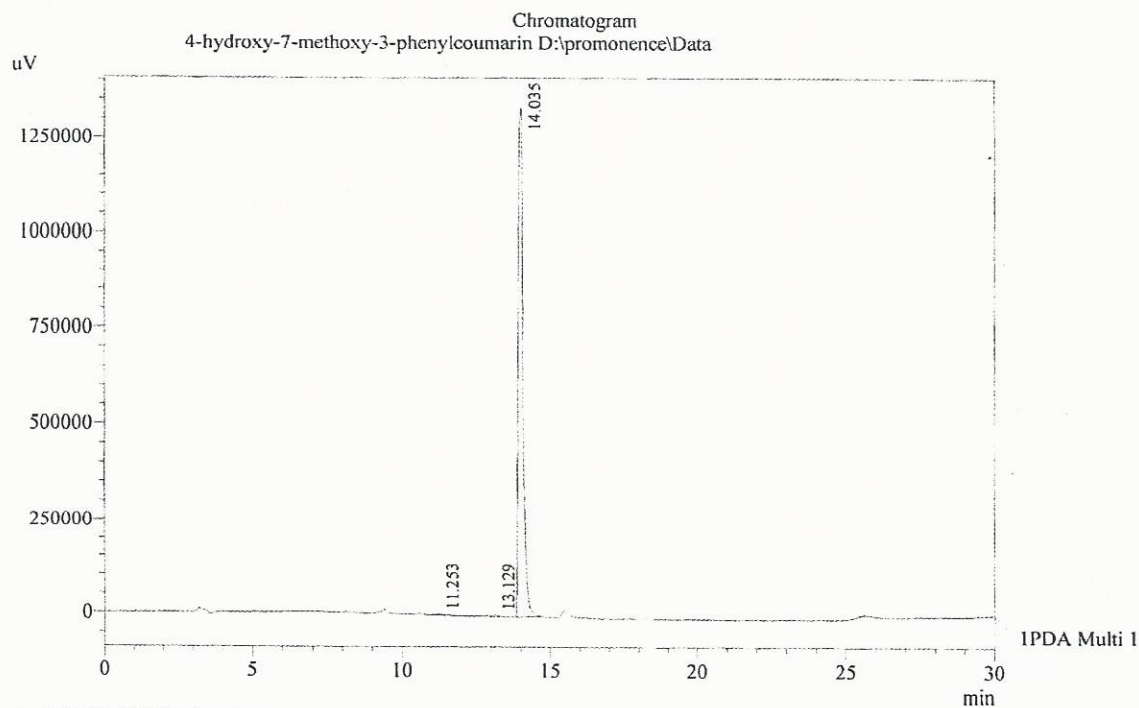
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 4-hydroxy-7-methoxy-3-phenylcoumarin
Sample ID : 0406148
Injection Volume : 20 uL
Data Filename : 2002151.lcd
Method Filename : Linear Gradient.M.lcm

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Column : Gemini C-18, (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
Diluent : Acetonitrile



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.258	11.253	36701	0.24	0.80
2	RT:13.126	13.129	45445	0.30	0.94
3	4-OH-7-ome-3phenylcoume	14.035	15159598	99.46	1.00
Total			15241744	100.00	

ICC INDOFINE Chemical Company, Inc.

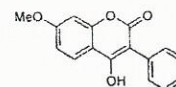
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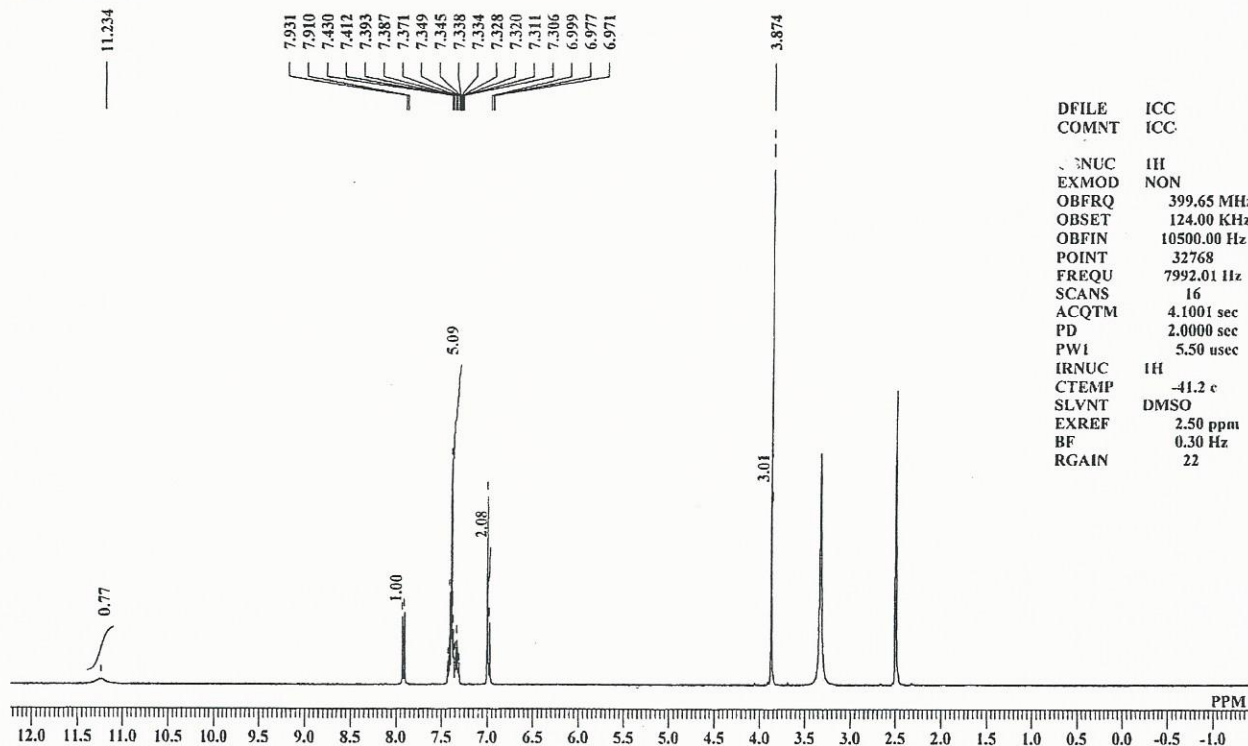
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ICC 1H NMR DMSO-d6
Analysed By : GBR





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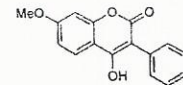
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