



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: 15-006

Product Name: 7-HYDROXY-4-TRIFLUOROMETHYLCOUMARIN

CAS Number: [575-03-1]

Lot Number: 1010080

Appearance: White powder

Chemical Formula: C₁₀H₅F₃O₃

Molecular Weight: 230.14

Melting Point: 187-189°C

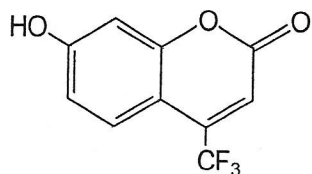
TLC: Hexane:Ethyl acetate (8:2)

Solubility(50 mg./ml): Soluble in Acetone

Storage: Store in a cool, dry place

Moisture (KF): 0.28%

Assay (HPLC): 99.68%





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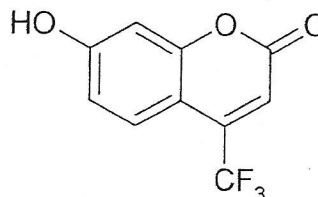
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HPLC ANALYSIS

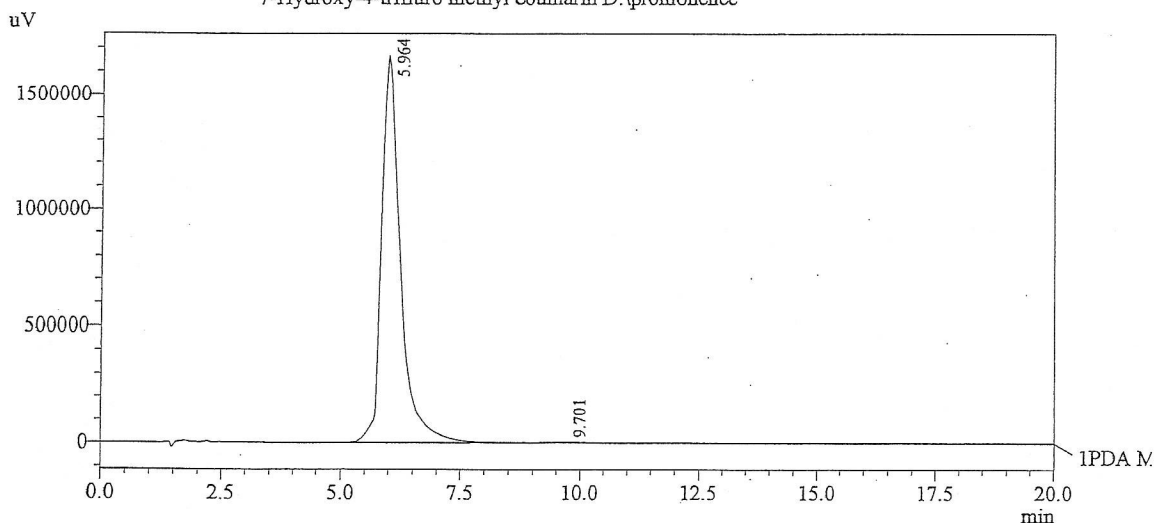
Acquired by : Madhuri
Sample Name : 7-Hydroxy-4-trifluoro methyl coumarin
Sample ID :
Injection Volume : 20 uL
Data Filename : 080910F.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: 15-006
Product: 7-Hydroxy-4-trifluoromethylcoumarin
Lot No.: 1010080

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.500mL/min.
Mobile Phase : A(50% of Water) B (50% of Acetonitrile)



Chromatogram
7-Hydroxy-4-trifluoro methyl coumarin D:\promonence



1 PDA Multi 1 / 212nm 4nm

PeakTable

PDA Ch1 212nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	5.964	45451334	1666544	99.680
2	9.701	145995	3054	0.320
Total		45597329	1669598	100.000



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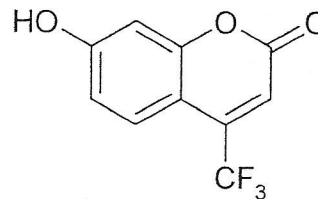
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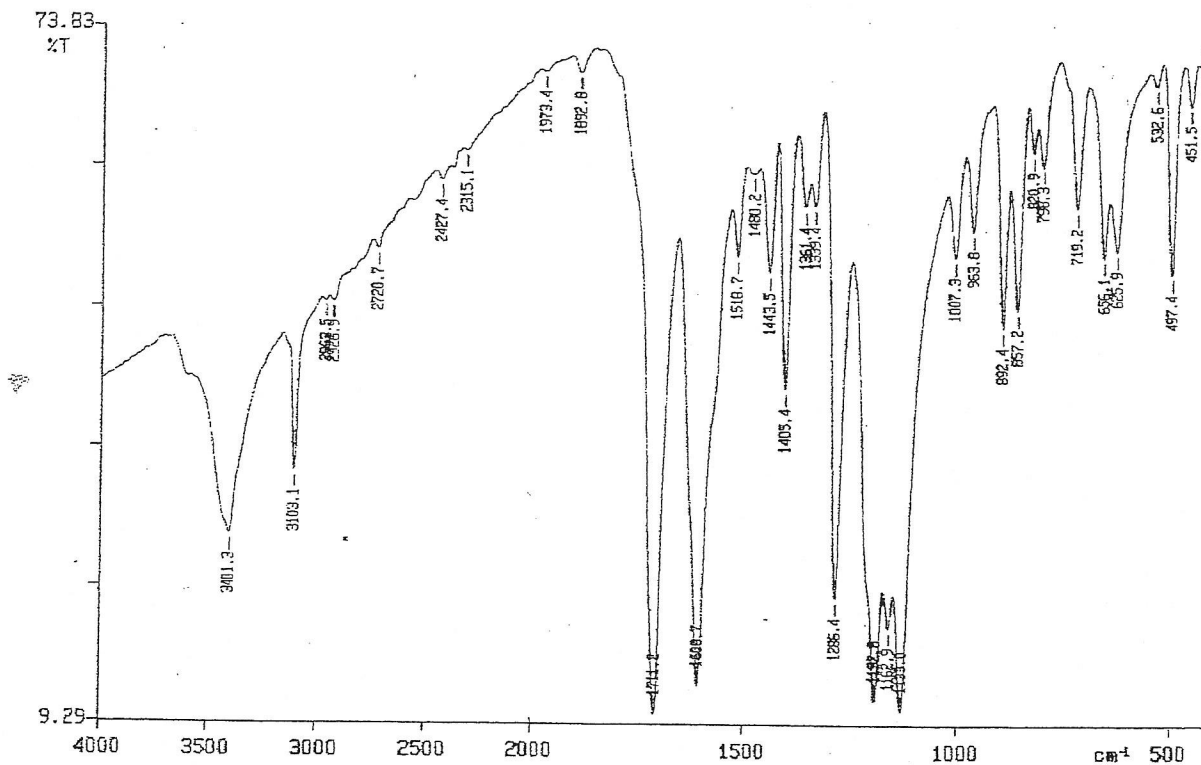
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PERKIN ELMER



10/07/01 03:34

X: 1 scan, 16.0cm⁻¹

7HTC

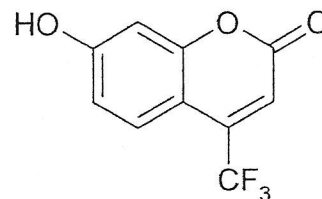
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