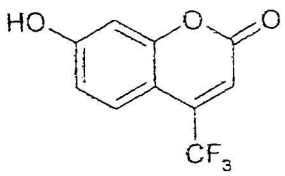
INDOFINE CHEMICAL COMPANY, INC.
121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844
chemical@indofinechemical.com

Phone: (908) 359-6778 Fax: (908) 359-1179

CERTIFICATE OF ANALYSIS

Cat No.: 15-006

Product:	**7-HYDROXY-4-TRIFLUOROMETHYLCOUMARIN**
CAS Number:	[575-03-1]
Lot Number:	1004024
Appearance:	Pinkish beige powder
Chemical Formula:	$C_{10}H_5F_3O_3$
Molecular Weight:	230.14
Melting Point:	184-186°C
TLC:	Hexane:Ethyl acetate (8:2)
Solubility:	Soluble in Chloroform
Storage:	Cool dry place
Moisture (KF):	0.29%
Assay (HPLC):	99.16%



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HPLC ANALYSIS

Date Acquired	: 3/15/2010 4:26:53 PM
Acquired by	: Madhuri
Sample Name	: 7-Hydroxy-4-(Tri fluro Methyl) Coumarin
Sample ID	:
Injection Volume	: 20 uL
Data Filename	: 150310H.lcd
Method Filename	: Linear Isocratic.M.lcm

Description:

Column	: Inertsil C-18, 250X4.6mm 5.0µm
Flow	: 1.000mL/min.
Mobile Phase	: A(20% 0.05% Water TFA) : B(80% ACN)

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Product:	7-Hydroxy-4-trifluoromethylcoumarin
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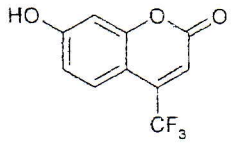
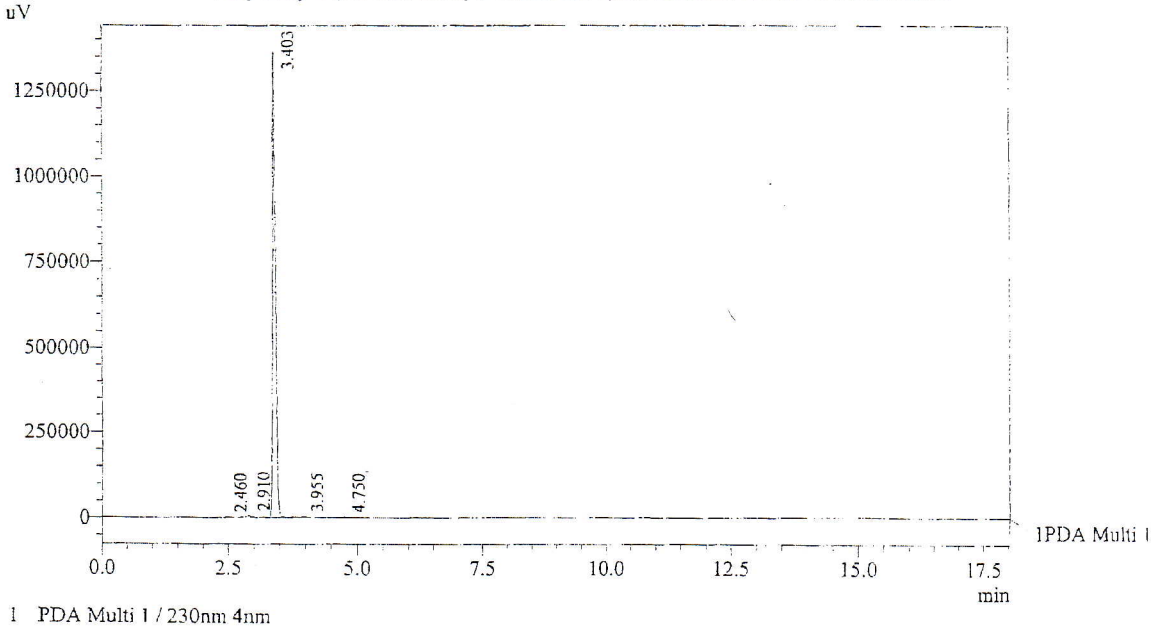


Chromatogram
7-Hydroxy-4-(Tri fluro Methyl) Coumarin D:\promonence\2010\Mar-10\150310H.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable
PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	2.460	7481	2266	0.144
2	2.910	14987	4052	0.287
3	3.403	5169446	1363040	99.163
4	3.955	11226	2775	0.215
5	4.750	9942	2207	0.191
Total		5213083	1374341	100.000

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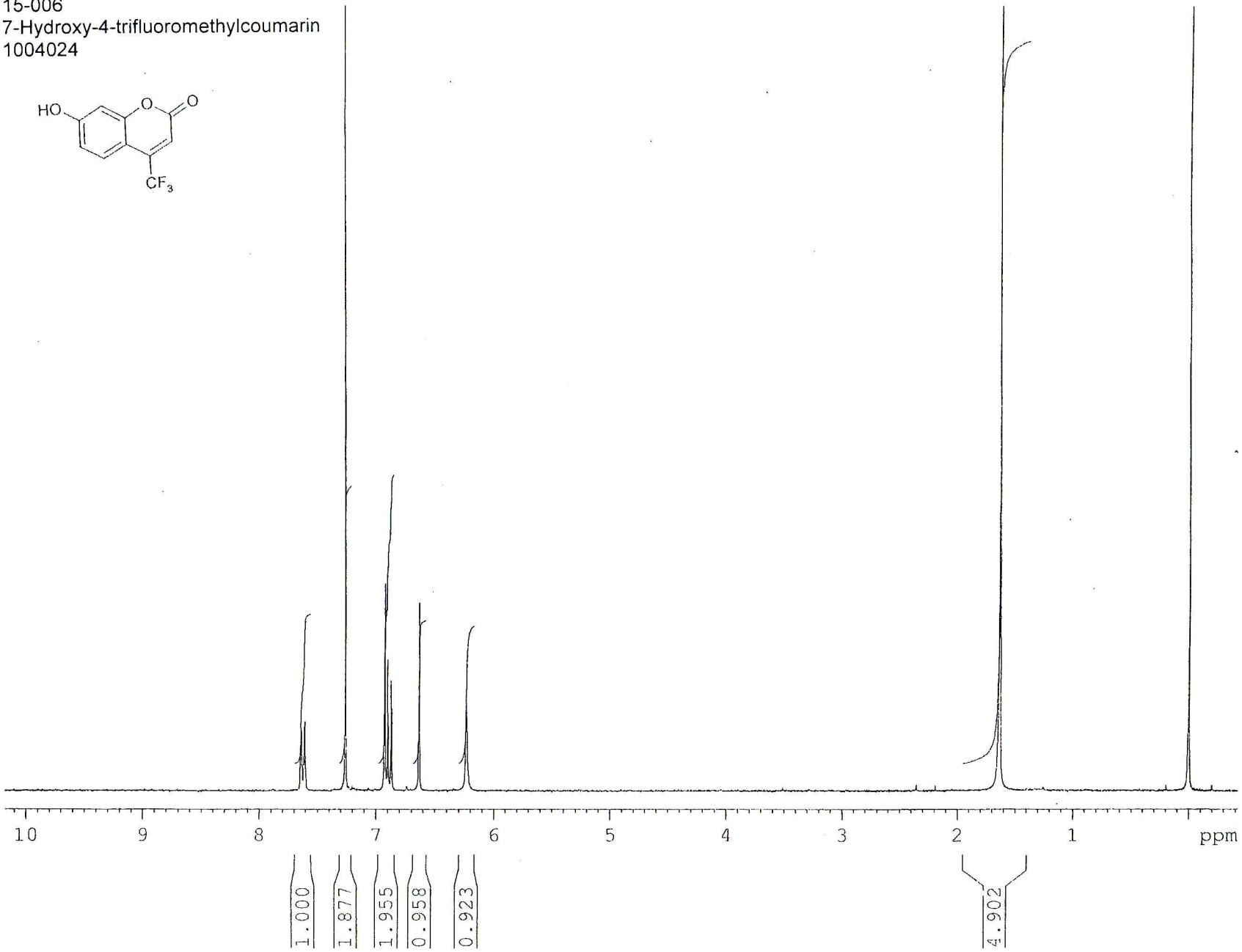
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