

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.: H-037

Product: **7-HYDROXY-4-METHYLCOUMARIN**
(4-Methylumbelliferone; Hymecromone)

Cas Number: [90-33-5]

Lot Number: 1003017

Chemical Formula: C₁₀H₈O₃

Molecular Weight: 176.17

Melting Point: 191-192.8°C

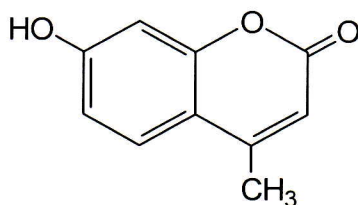
Appearance: White powder

TLC: Hexane:Ethylacetate (7:3)

Solubility: Soluble in DMF

Storage: Cool dry place

Assay (HPLC): 99.39%





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

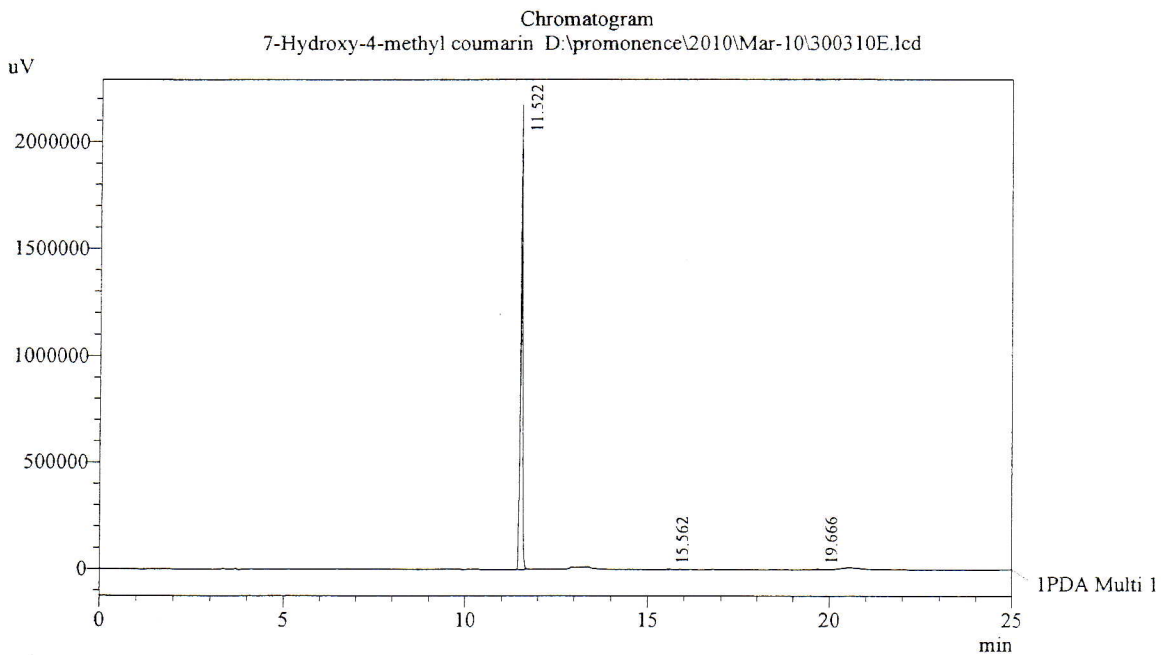
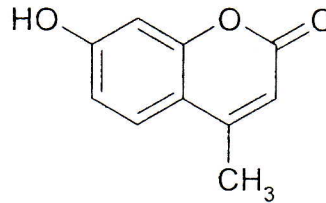
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Date Acquired : 3/30/2010 12:39:20 PM
Acquired by : Madhuri
Sample Name : 7-Hydroxy-4-methyl coumarin
Sample ID : Indofine LOT No-1003017
Injection Volume : 20 uL
Data Filename : 300310E.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: H-037
Product: 7-Hydroxy-4-methylcoumarin
Lot No.: 1003017

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



PeakTable

PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	11.522	8917744	2171360	99.390
2	15.562	33641	3781	0.375
3	19.666	21046	3411	0.235
Total		8972432	2178552	100.000