

ICG **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

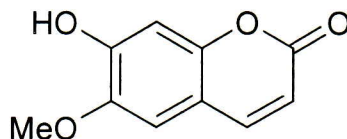
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: H-109

<u>Product:</u>	7-HYDROXY-6-METHOXYCOUMARIN (Scopoletin)
<u>CAS No.:</u>	[92-61-5]
<u>Lot Number:</u>	0804017
<u>Appearance:</u>	Off-white powder
<u>Molecular Formula:</u>	C ₁₀ H ₈ O ₄
<u>Molecular Weight:</u>	192.17
<u>Melting Point:</u>	204-206°C
<u>Moisture (KF):</u>	0.46%
<u>Solubility:</u>	Soluble in chloroform : methanol (9:1) single spot
<u>Purity (HPLC):</u>	99.12%





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

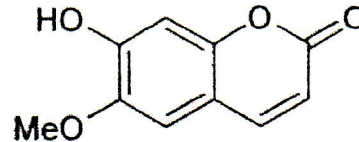
e-mail: chemical@indofinechemical.com

Catalog No.: H-109

Product: 7-Hydroxy-6-methoxycoumarin (Scopoletin)

Lot No.: 0804017

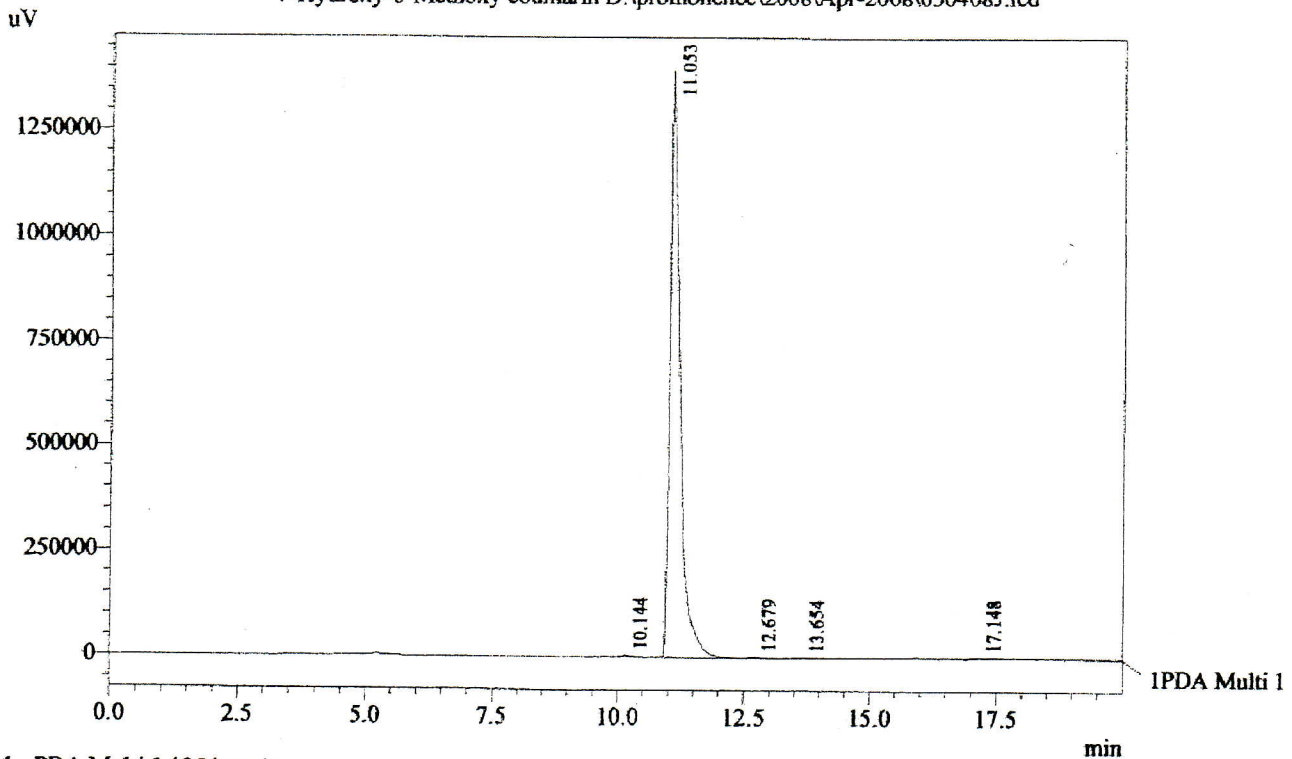
Date Acquired : 4/10/2008 4:45:23 PM
 Acquired by : Ramana
 Sample Name : 7-Hydroxy-6-Methoxy coumarin
 Sample ID : Export sample
 Injection Volume : 20 uL
 Data Filename : 030408J.lcd
 Method Filename : Linear Gradient.M.lcm



7-Hydroxy-6-methoxy coumarin

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
 15.00 : 10 : 90
 18.00 : 90 : 10

Chromatogram
7-Hydroxy-6-Methoxy coumarin D:\promonence\2008\Apr-2008\030408J.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	10.144	60648	5337	0.308
2	11.053	19516386	1395337	99.126
3	12.679	43277	3322	0.220
4	13.654	31107	1469	0.158
5	17.148	36953	2354	0.188
Total		19688371	1407819	100.000