



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.: B-002

Product: 5,6-Benzoflavone
(β -Naphthoflavone)

CAS#: [6051-87-2]

Lot No.: 0705048

Appearance: White powder

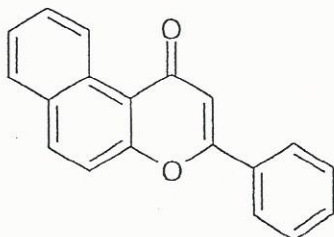
Molecular Formula: $C_{19}H_{12}O_2$

Molecular Weight: 272.31

Melting Point: 164-165°C

Solubility: Clear solution in chloroform

Purity (HPLC): >98%





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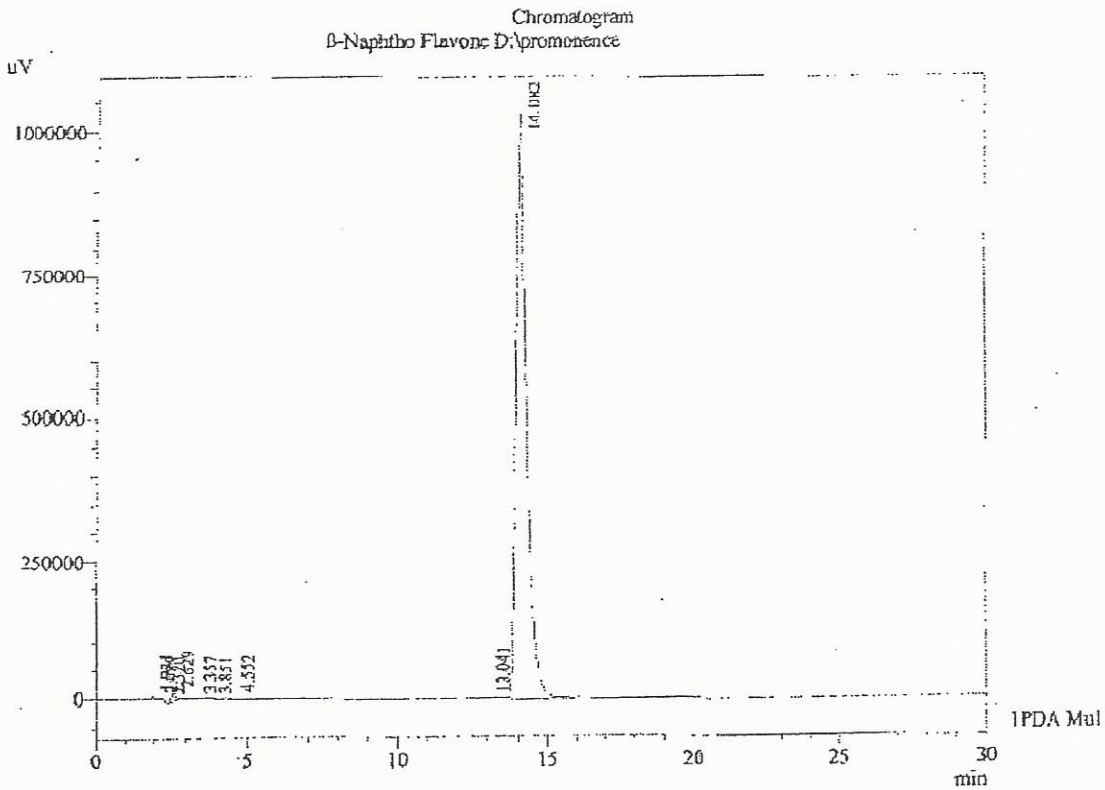
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Ramana
 Sample Name : B-Naphtho Flavone
 Sample ID :
 Injection Volume : 20 uL
 Data Filename : 080507L.tcd
 Method Filename : Linear Isocratic.M.lcm

Catalog no.: B-002
 Product name: β -Naphthoflavone
 Lot No.: 0705048

Description:
 Column : Inertsil C-18, 250X4.6mm 5.0 μ m
 Flow : 1.000ml/min.
 Mobile Phase : B(30% Water 0.05% TFA) : A(70% ACN)



1 PDA Multi 1 / 220nm 4mm

PeakTable

PDA Ch1 220nm 4mm

Peak#	Ret. Time	Area	Height	Area %
1	1.934	22799	4597	0.088
2	2.089	11316	1677	0.043
3	2.320	9099	2646	0.035
4	2.629	128849	15890	0.495
5	3.357	13816	1669	0.053
6	3.851	11455	821	0.044
7	4.552	37532	4096	0.144
8	13.041	56756	2522	0.218
9	14.082	25754461	1035325	98.880
Total		26046082	1069243	100.000