



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

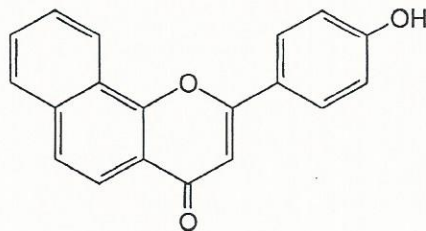
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	H-432
<u>Product Name:</u>	4'-HYDROXY- α -NAPTHOFLAVONE
<u>Lot Number:</u>	0102011
<u>Chemical Formula:</u>	C ₁₉ H ₁₂ O ₃
<u>Molecular Weight:</u>	288.29
<u>Melting Point</u>	> 270°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Chloroform : Acetone (9:1)
<u>Storage:</u>	Store in a cool, dry place
<u>Purity (HPLC):</u>	99.13%





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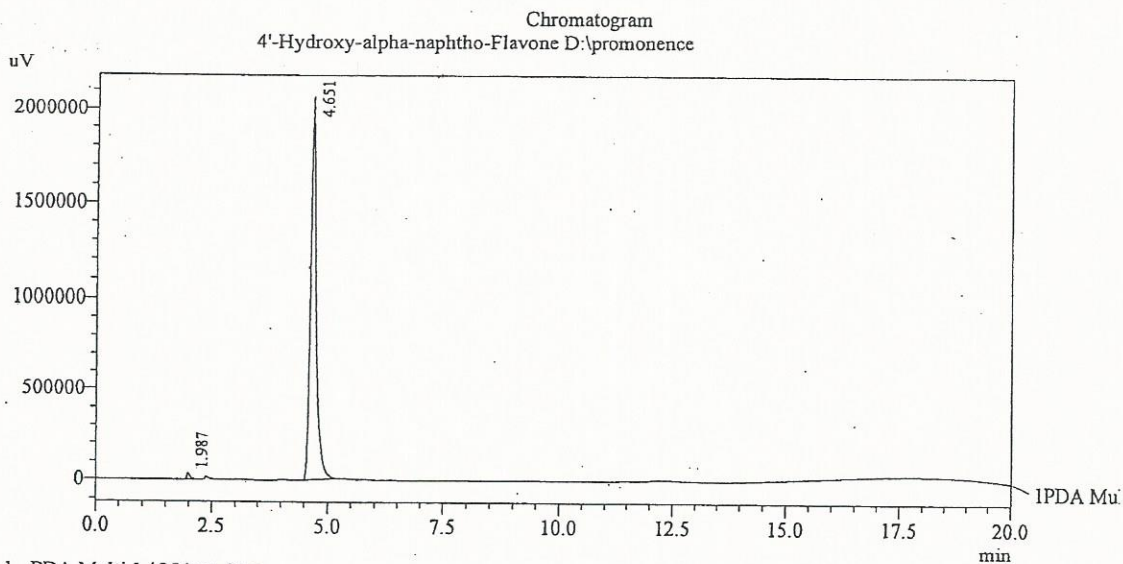
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HPLC ANALYSIS

Acquired by : Rama krishna
Sample Name : 4'-Hydroxy-alpha-naphtho-Flavone
Sample ID : Lot No.: 0102011
Injection Volume : 20 uL
Data Filename : 101011D.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: H-432
Product name: 4'-Hydroxy- α -naphthoflavone
Lot No.: 0102011

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0 μ m
Flow : 1.000ML/min.
Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)



1 PDA Multi 1/254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	1.987	157119	32853	0.864
2	4.651	18025903	2065536	99.136
Total		18183022	2098389	100.000