



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

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CERTIFICATE OF ANALYSIS

Catalog Number: F-003

Product Name: **FLAVONE**
(2-Phenylchromone)

CAS Number: [525-82-6]

Lot Number: 1604761

Chemical Formula: C₁₅H₁₀O₂

Molecular Weight: 222.24

Appearance: White powder

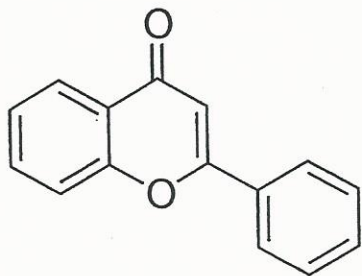
Melting Point: 97-99°C

Solubility: Soluble in chloroform

TLC: Chloroform:Methanol (9:1)

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 99.87%





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HPLC ANALYSIS

Column: Hypersil BDS-C18, 150*4.6mm, 5 μ
Mobilephase: A: ACN

B: 5mM Ammonium acetate in Water

Flowrate: 1.0ml/min

Gradient Programme:

Time: 0.01, 10, 30.

%B: 95, 10, 10.

Sample Preparation : 0.9mg/ml in MeOH

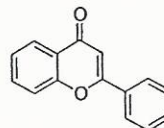
Vial# : 26

Injection Volume : 3 μ L

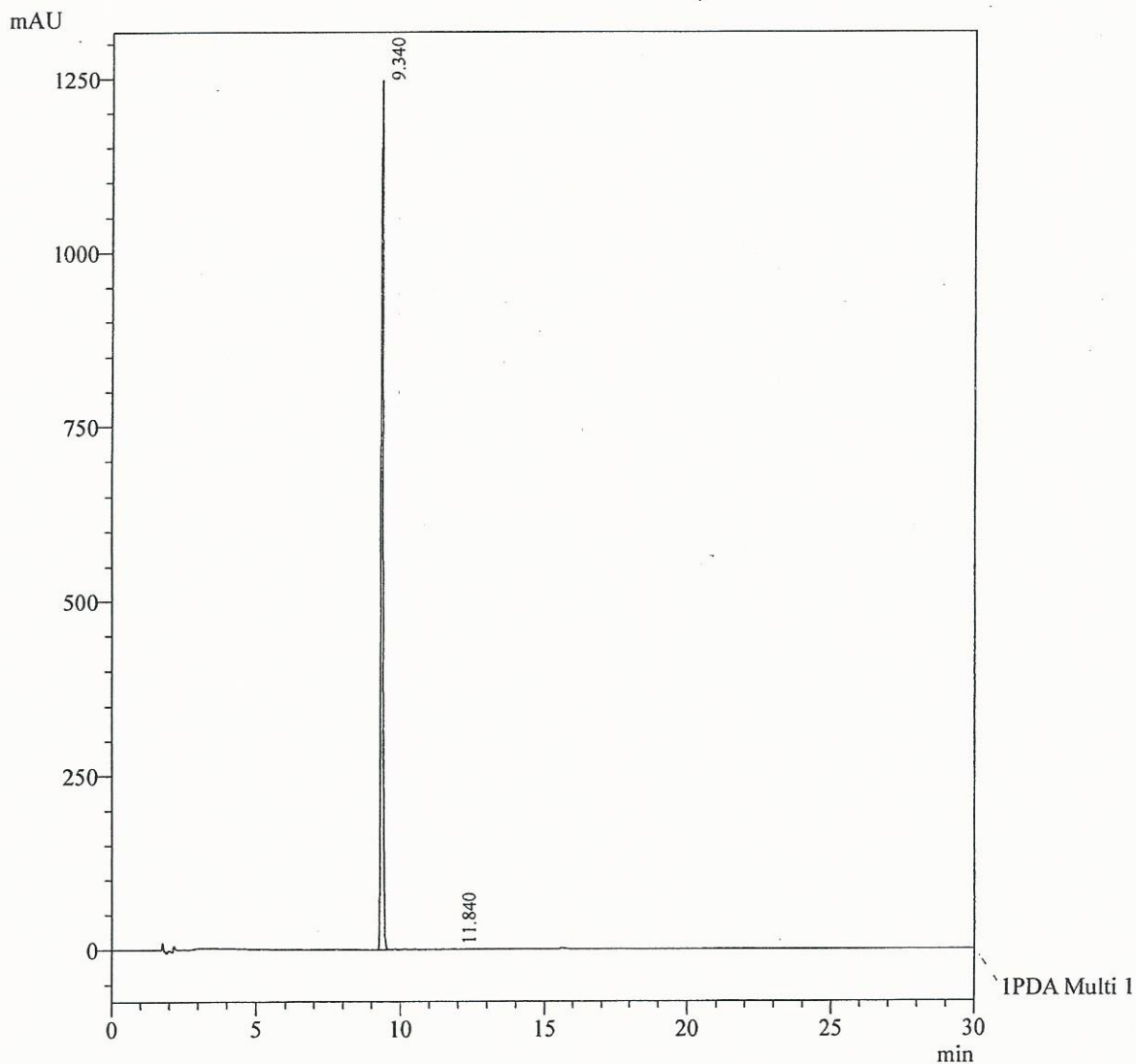
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Chromatogram



1 PDA Multi 1 / 245nm, 4nm

PeakTable

Peak#	Ret. Time	Area	Theoretical Plate#	Relative Retention Time	Area %
1	9.340	6036048	66173.754	1.000	99.878
2	11.840	7349	71456.381	1.268	0.122
Total		6043397			100.000