



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

Catalog Number: F-003

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

CAS Number: [525-82-6]

Lot Number: 2206677

Chemical Formula: C₁₅H₁₀O₂

Molecular Weight: 222.24

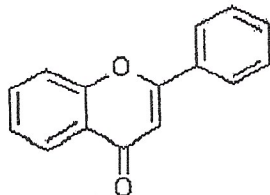
Appearance: White powder

Melting Point: 97-99°C

Solubility: Soluble in acetone, methanol

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

Purity(HPLC): 99.6%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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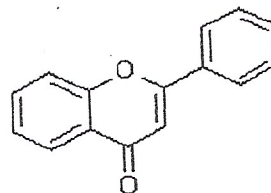
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HPLC ANALYSIS

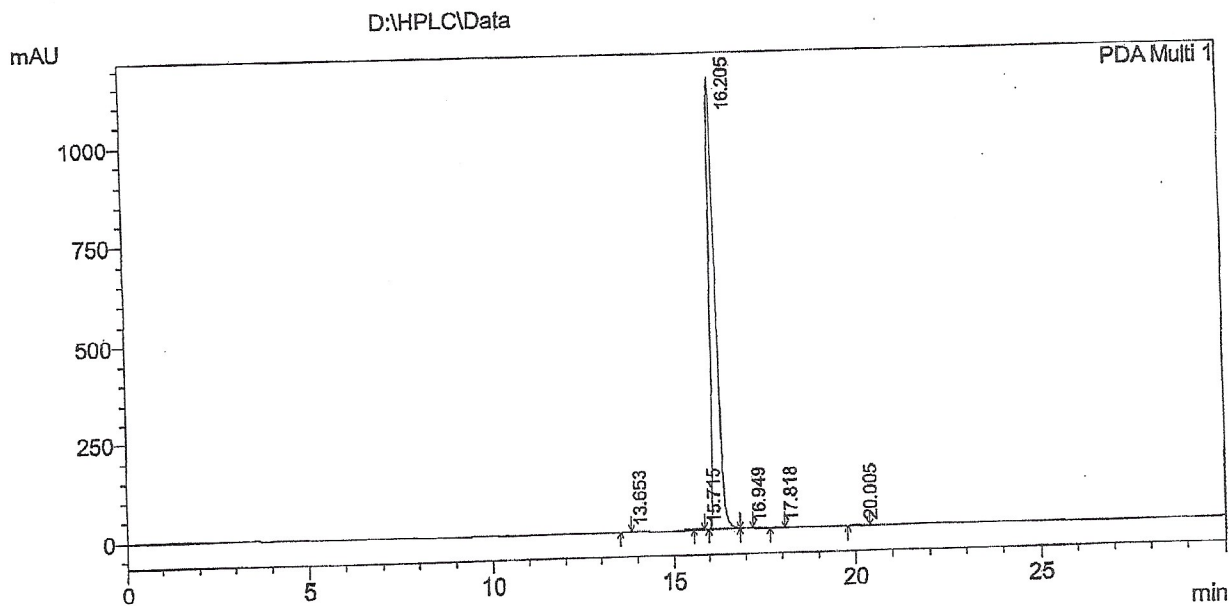
Acquired by : Sanjeev
Sample Name : FLAVONE
Vial # : 13
Injection Volume : 20 uL
Data File Name : 09042022105.lcd
Method File Name : General Method.lcm

Catalog No.: F-003
Product Name: Flavone
Lot No.: 2206677



Column: Inertsil ODS-3V : 250 x 4.6mm, 5u
Flow Rate: 1.0 ml/min
MP-A: 0.05% TFA in water: MP-B: Acetonitrile
Gradient Program: 0.01/10, 10/90, 20/90, 23/10, 30/10 (% of B Conc)
Diluent: Methanol (10mg/25ml in diluent)

<Chromatogram>



1 PDA Multi 1/254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.653	13.653	11968	0.09	0.843
2	RT:15.715	15.715	5095	0.04	0.970
3	RT:16.205	16.205	12729530	99.61	1.000
4	RT:16.949	16.949	7769	0.06	1.046
5	RT:17.818	17.818	5549	0.04	1.100
6	RT:20.005	20.005	19609	0.15	1.234
Total			12779520	100.00	

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