



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: D-001

Product Name: **FLAVANONE**
(2,3-Dihydroflavone)

CAS Number: [487-26-3]

Lot Number: 1702768

Chemical Formula: C₁₅H₁₂O₂

Molecular Weight: 224.26

Melting Point: 76-78°C

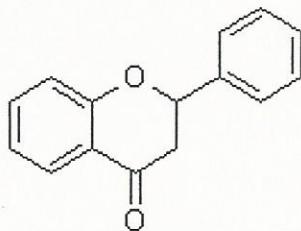
Appearance: White powder

TLC: n-Hexane:Ethyl acetate (7:3)

Solubility: Soluble in Chloroform

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

Purity(GC): 99.77%





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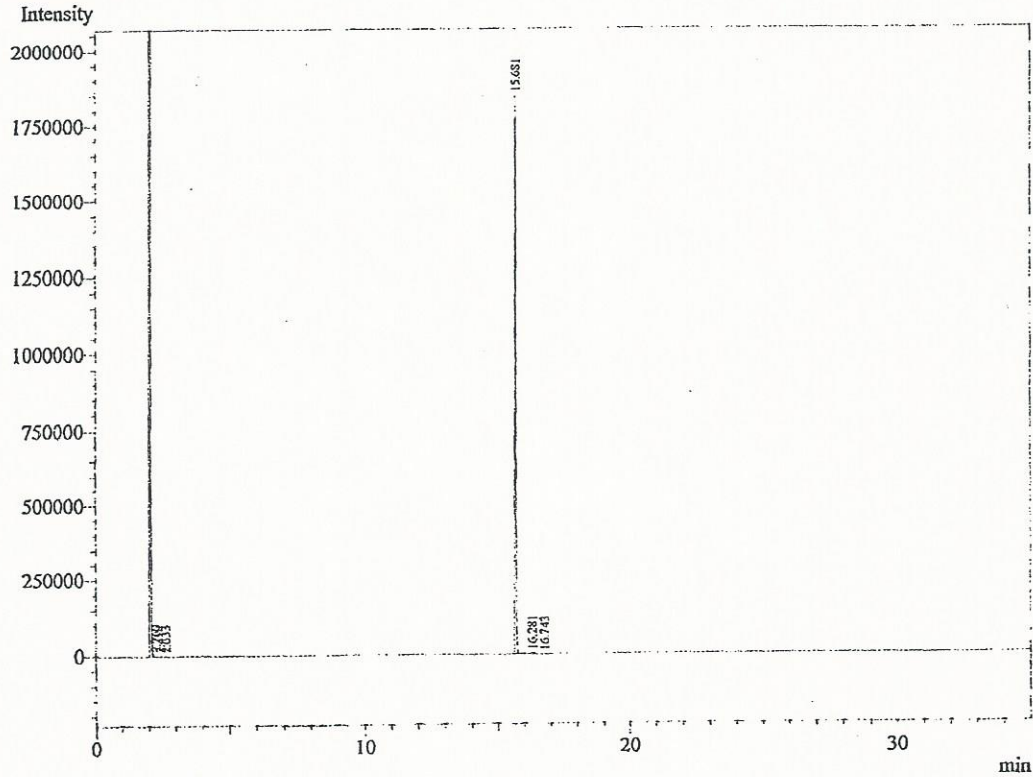
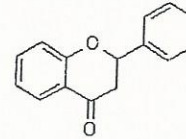
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GC ANALYSIS

Sample Name : Flavanone
Sample ID : 001651
User Name : Suresh
Instrument ID : GC-01
Method Name : D:\GC Methods\Others\Genral.gcm

Catalog No.: D-001
Product Name: Flavanone
Lot No.: 1702768

Comment : Column ID: ZB-5, 30 x 0.25mm, 0.25µm
Temp Program : 50-5-20-300-17.5;
Inj Temp : 250°C, Det Temp : 300°C
Flow rate : 1.0 ml/min, Split ratio : 1:100, Carrier Gas : N2
Diluent: DCM(0.6mg/mL)
Inj. Vol(µl): 1.00



ID#	Peak#	Ret. Time	Area	Theoretical Plates	Resolution	Area%
	1	2.260	3001	41104.102	0.000	0.062
	2	2.414	1026	47410.788	3.491	0.021
	3	2.633	399	48411.838	4.752	0.008
	4	15.681	4829889	788430.078	220.791	99.774
	5	16.281	6254	1334940.906	9.473	0.129
	6	16.743	267	538555.346	6.278	0.006
Total			4840836			100.000