

ICC **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.: F-003

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

CAS Number: [525-82-6]

Lot Number: 1108159

Chemical Formula: C₁₅H₁₀O₂

Molecular Weight: 222.24

Melting Point: 98.5-99.5°C

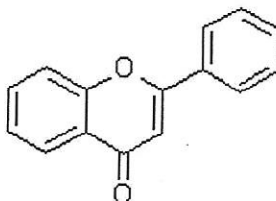
Appearance: White powder

Solubility: Soluble in Chloroform

TLC: Chloroform:Methanol (9:1)

Storage: Cool dry place

Assay(HPLC): 99.88%



F-003

ICG **INDOFINE Chemical Company, Inc.**

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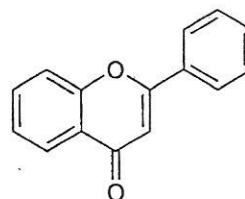
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

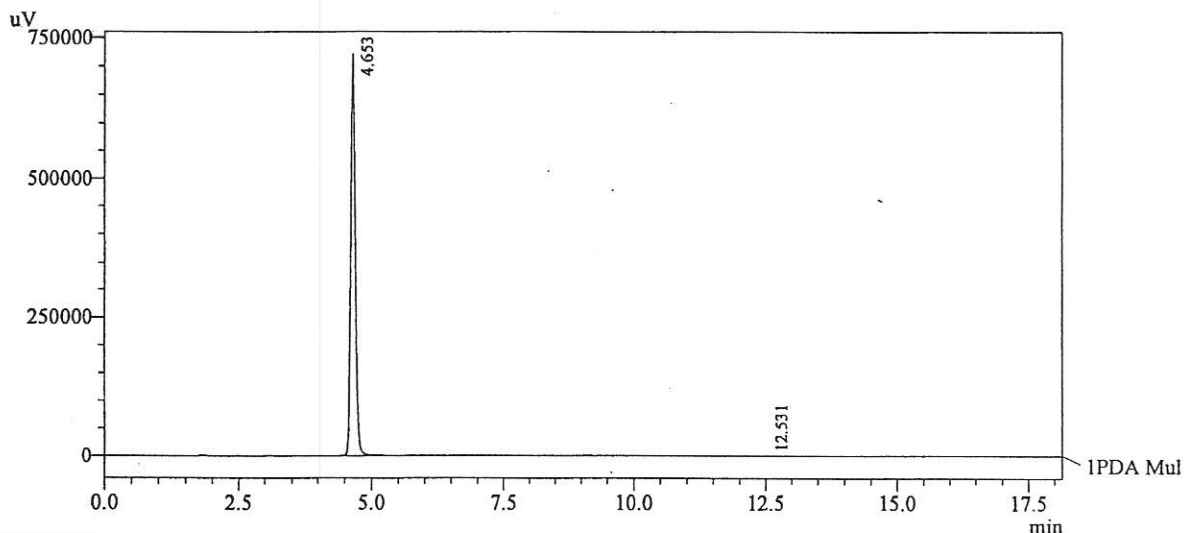
Acquired by : Madhuri
Sample Name : Flavone
Sample ID :
Injection Volume : 20 uL
Data Filename : 180511D.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: F-003
Product name: Flavone
Lot No.: 1108159

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(20% of 0.05% of TFA) B(80% of Acetonitrile)



Chromatogram



PeakTable

PDA Ch1 240nm 4nm

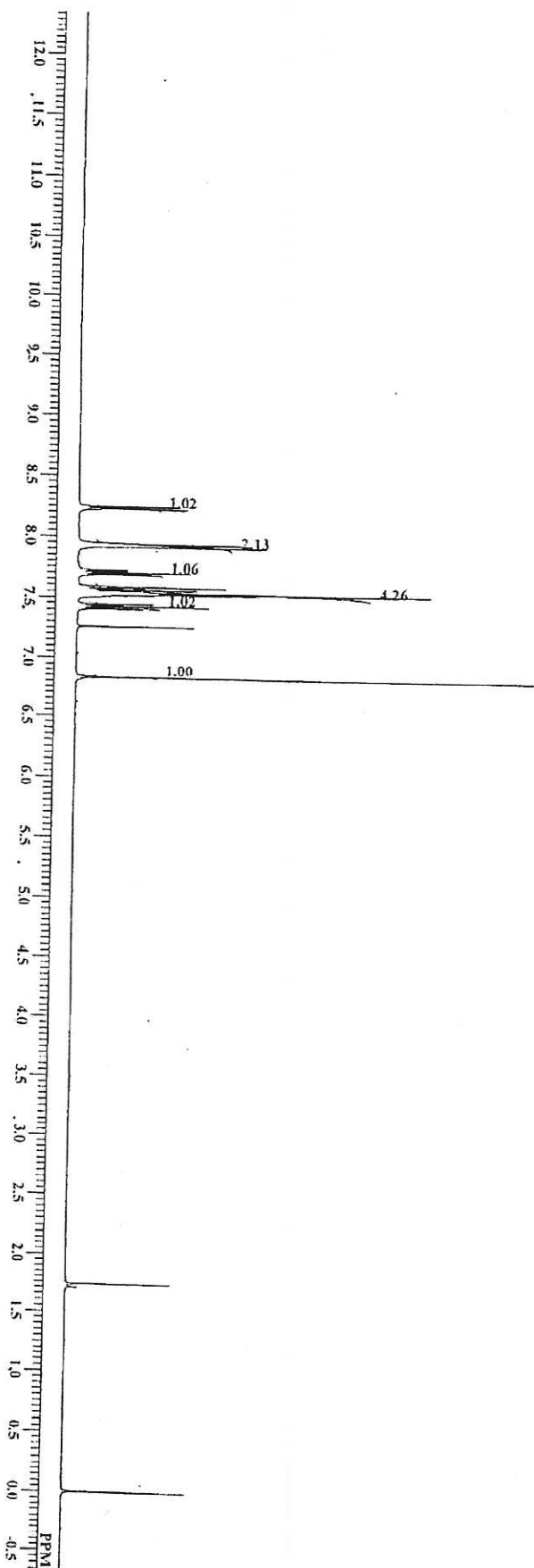
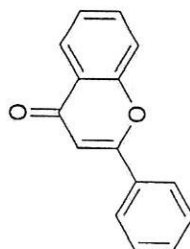
Peak#	Ret. Time	Area	Height	Area %
1	4.653	4271371	720381	99.887
2	12.531	4839	353	0.113
Total		4276210	720734	100.000



INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

FLV-1 1H NMR CDCl3

Cat. No.: F-003
 Product name: Flavone
 Lot No.: 1108159



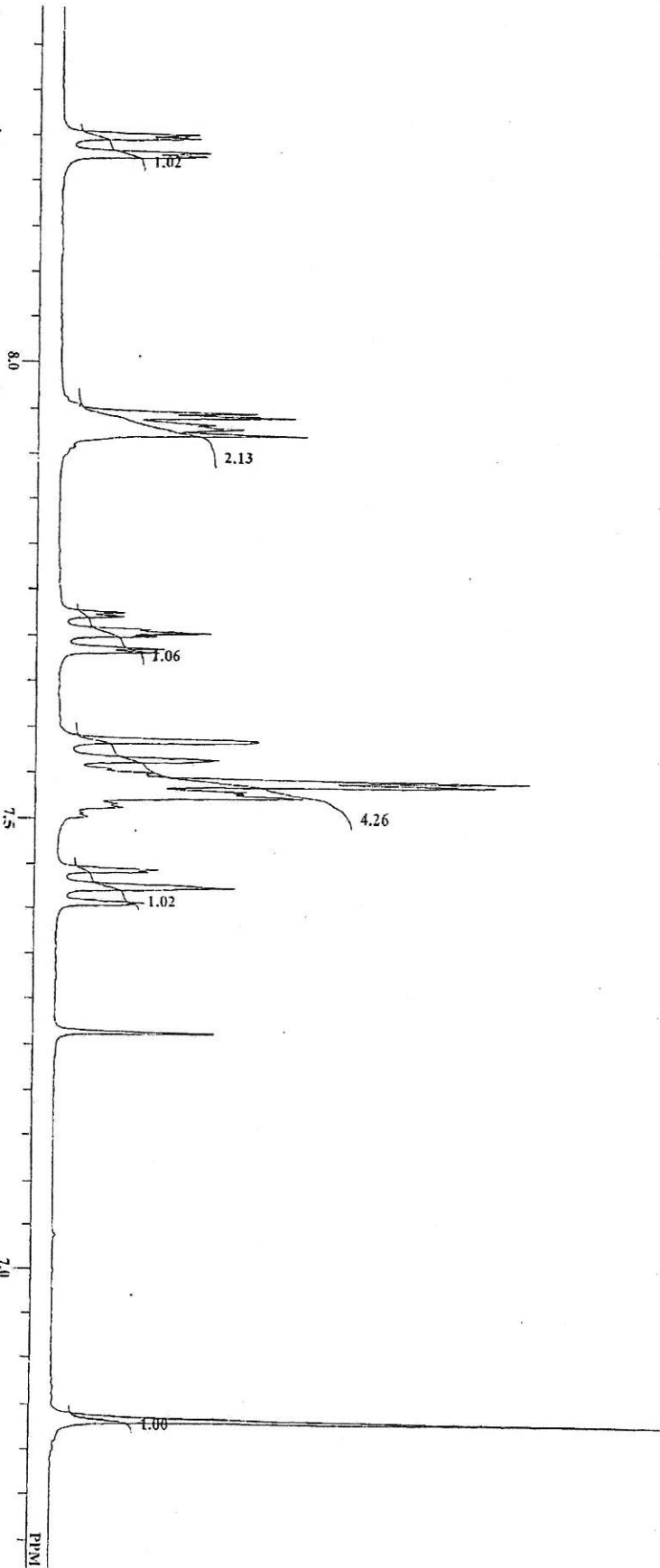
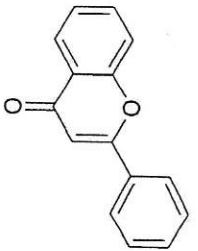
DFILE:	FLV-1.mk
COMNT:	FLV-1 1H NMR CDCl3
DATEM:	Tue May 17 18:12:43 20
OBNUC:	1H
EXMOD:	NON
OBREQ:	399.65 MHz
OBSET:	124.00 kHz
OBFIN:	10500.00 Hz
POINT:	65536
FREQU:	7992.01 Khz
SCANS:	8
ACQTM:	8.2002 sec
PD:	3.0000 sec
PW1:	5.60 usec
IRNUC:	1H
CTEMP:	23.9 c
SLVNT:	CDCl3
EXREF:	0.00 ppm
BF:	0.30 Hz
RGAIN:	16



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FLV-1 1H NMR CDCl3

Cat. No.: F-003
 Product name: Flavone
 Lot No.: 1108159



DPH1.E	FLV-1.a1s
CONVI	FLV-1 1H NMR CDCl3
DATEM	Tue May 17 18:13:43 '0
ORNUC	1H
EXMID	NON
ORBRQ	399.65 MHz
ORSET	124.00 KHz
ORFIN	10500.00 Hz
POINT	65536
PREQT	7992.01 Hz
SCANS	8
ACQTM	8.2002 sec
PD	3.0000 sec
PV1	5.60 usec
HNDC	1H
CTEMP	23.9 c
SLVNT	CDCl3
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	16