



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.: D-001

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

CAS Number: [487-26-3]

Lot Number: 1108160

Chemical Formula: C₁₅H₁₂O₂

Molecular Weight: 224.26

Melting Point: 76-77°C

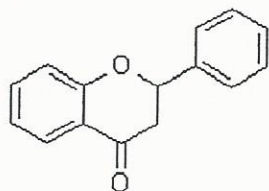
Appearance: White powder

TLC: Chloroform:Methanol (9:1)

Solubility: Soluble in Chloroform

Storage: Cool dry place

Assay (HPLC): 99.79%





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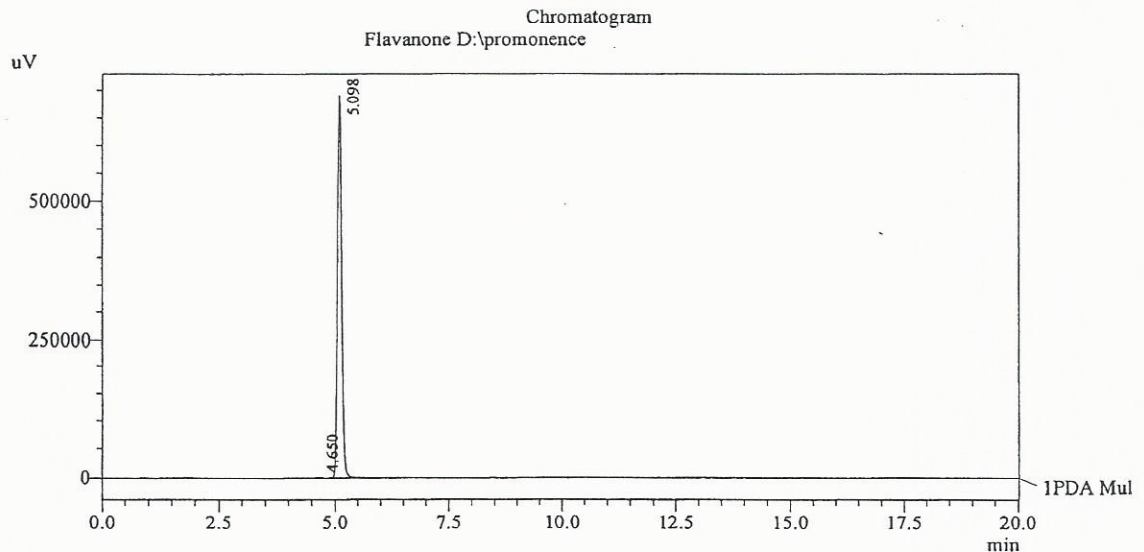
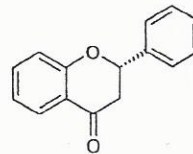
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

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

Cat. No.: D-001
Product name: Flavanone
Lot No.: 1108160

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)



PeakTable
PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	4.650	9012	1555	0.206
2	5.098	4366607	690208	99.794
Total		4375619	691762	100.000

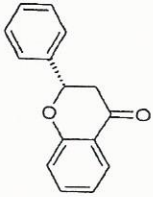


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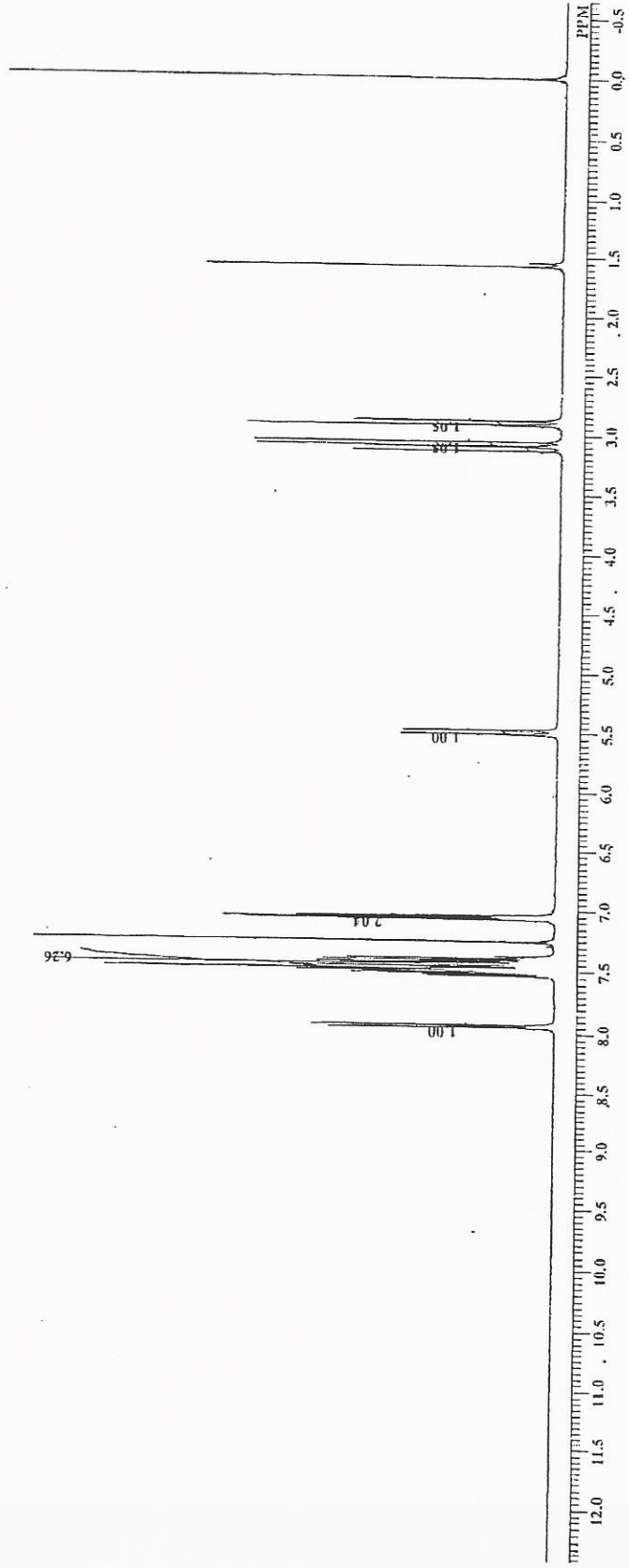
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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

FLVNE-2 III NMR CDCB

Cat. No.: D-001
Product name: Flavanone
Lot No.: 1108160



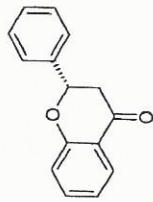
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COMNT FLVNE-2 IH NMR CDX
IH
NON
OBNUC 399.65 MHz
EXMOD 124.00 KHz
OBFRQ 10500.00 Hz
OBSET 65536
POINT 7992.01 Hz
FREQU 8
SCANS 8.2002 sec
ACQTM 3.0000 sec
PD 5.60 usec
PW1 III
IRNUC 23.8 c
CTEMP CDCL3
SLVNT 0.00 ppm
EXREF 0.30 Hz
BF 18
RGAIN





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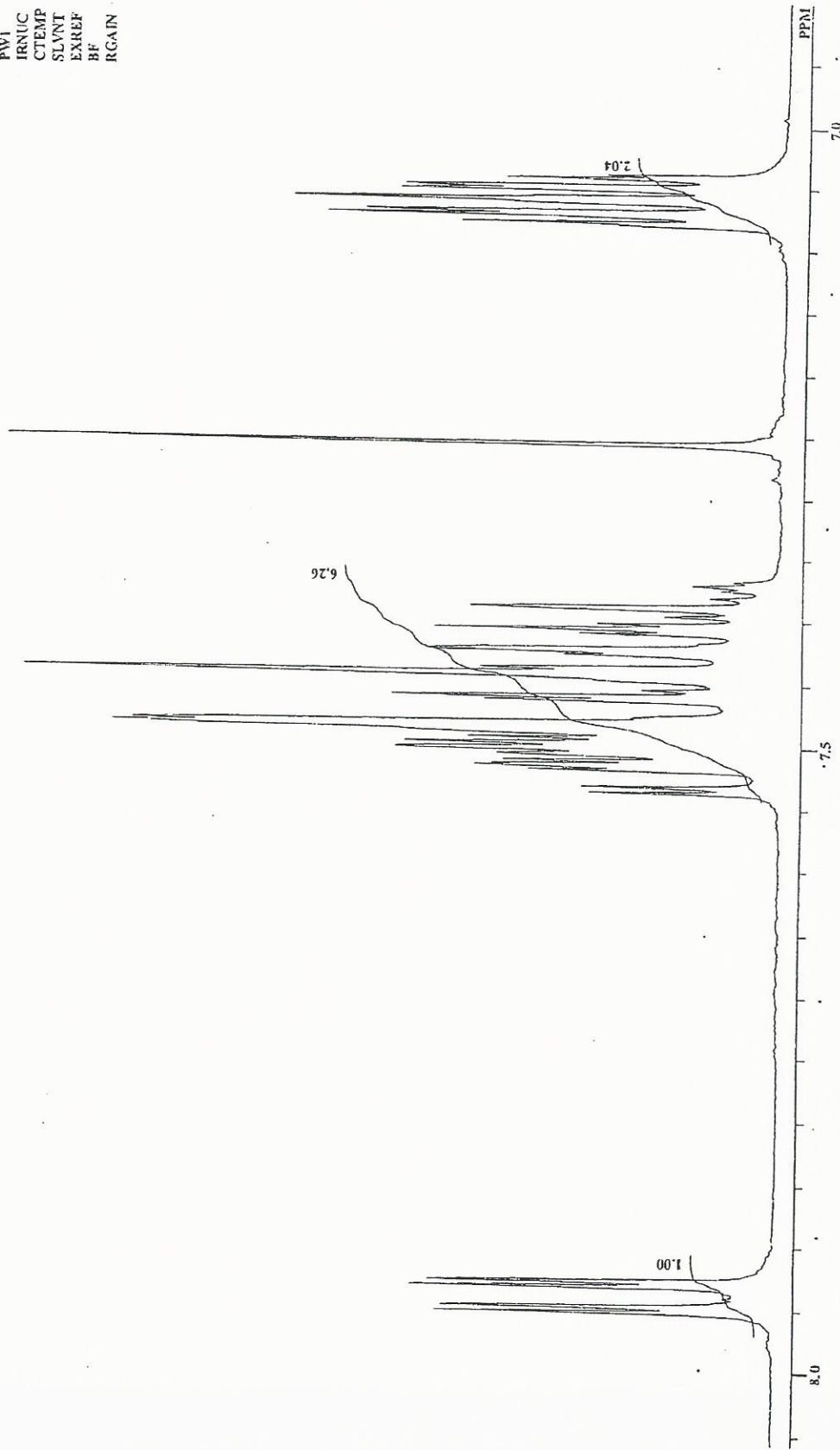
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BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844



FLVNE-2 III NMR CDC13

Cat. No.: D-001
Product name: Flavanone
Lot No.: 1108160

DEFILE FLVNE-2.ak
COMINT FLVNE-2 IH NMR CDC
ORNUC III
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 8
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC III
CTEMP 23.8 c
SLVNT CDCL3
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 18

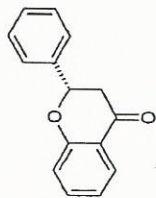




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FLVNE-2 1H NMR CDCl3

Cat. No.: D-001
Product name: Flavanone
Lot No.: 1108160



DRFILE: FLVNE-2.d15
CONINT: FLVNE-2 1H NMR CDCl3

OBNUC: 1H
EXMOD: NDN
OBFRQ: 399.65 MHz
OBSET: 124.00 kHz
OBFIN: 10500.00 Hz
POINT: 65536
FREQU: 7992.01 Hz
SCANS: 8
ACQTM: 8.2002 sec
PD: 3.0000 sec
PWI: 5.60 uscc
IRNUC: 1H
CTEMP: 23.8 c
SLVNT: CDCl3
EXREF: 0.00 ppm
BF: 0.30 Hz
RGAIN: 18

