



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

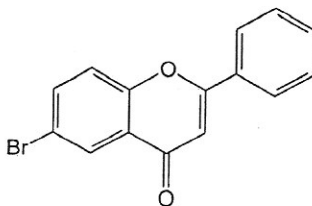
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 17-024

<u>Product:</u>	6-BROMOFLAVONE
<u>CAS Number:</u>	[1218-80-0]
<u>Lot Number:</u>	97074
<u>Molecular Formula:</u>	C ₁₅ H ₉ BrO ₂
<u>M.W.:</u>	301.14
<u>Melting Point:</u>	192-194°C
<u>Appearance:</u>	White fluffy powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane : ethyl acetate (7:3)
<u>Purity(HPLC):</u>	99.78%





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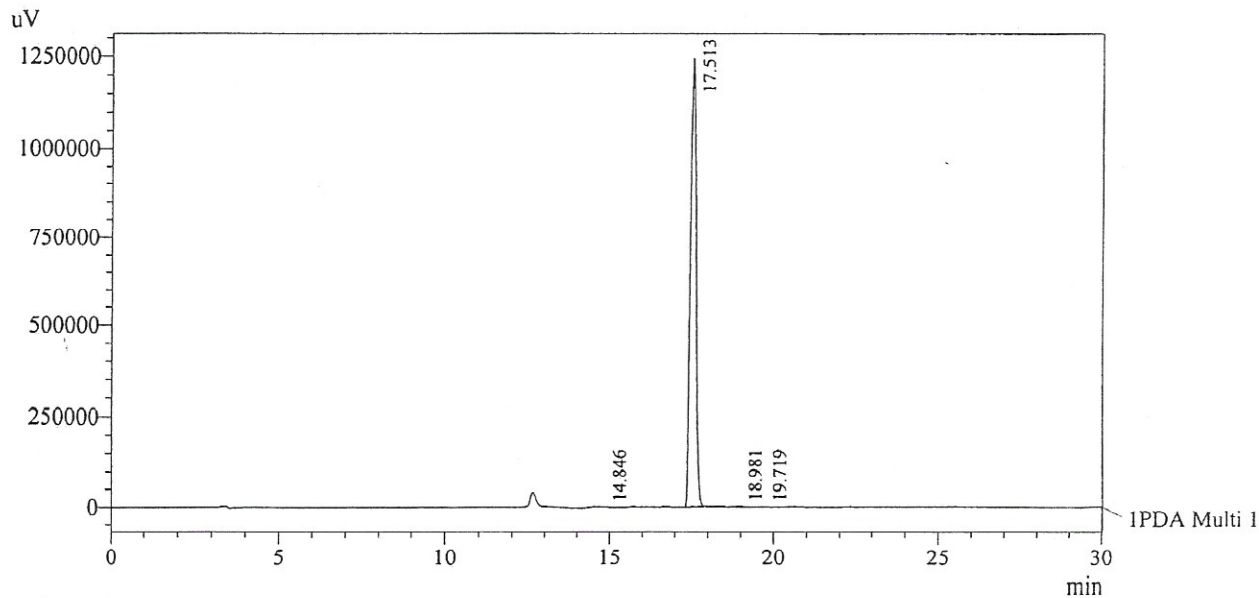
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 6-Bromoflavone
 Sample ID : Lot No:- 97074
 Injection Volume : 20 uL
 Data Filename : 151211J.lcd
 Method Filename : Linear Gradient.M.lcm

Cat. No.: 17-024
 Product name: 6-Bromoflavone
 Lot No.: 97074

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
 0.01 90 10
 12.0 10 90
 20.0 10 90
 25.0 90 10
 30.0 90 10

Chromatogram



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

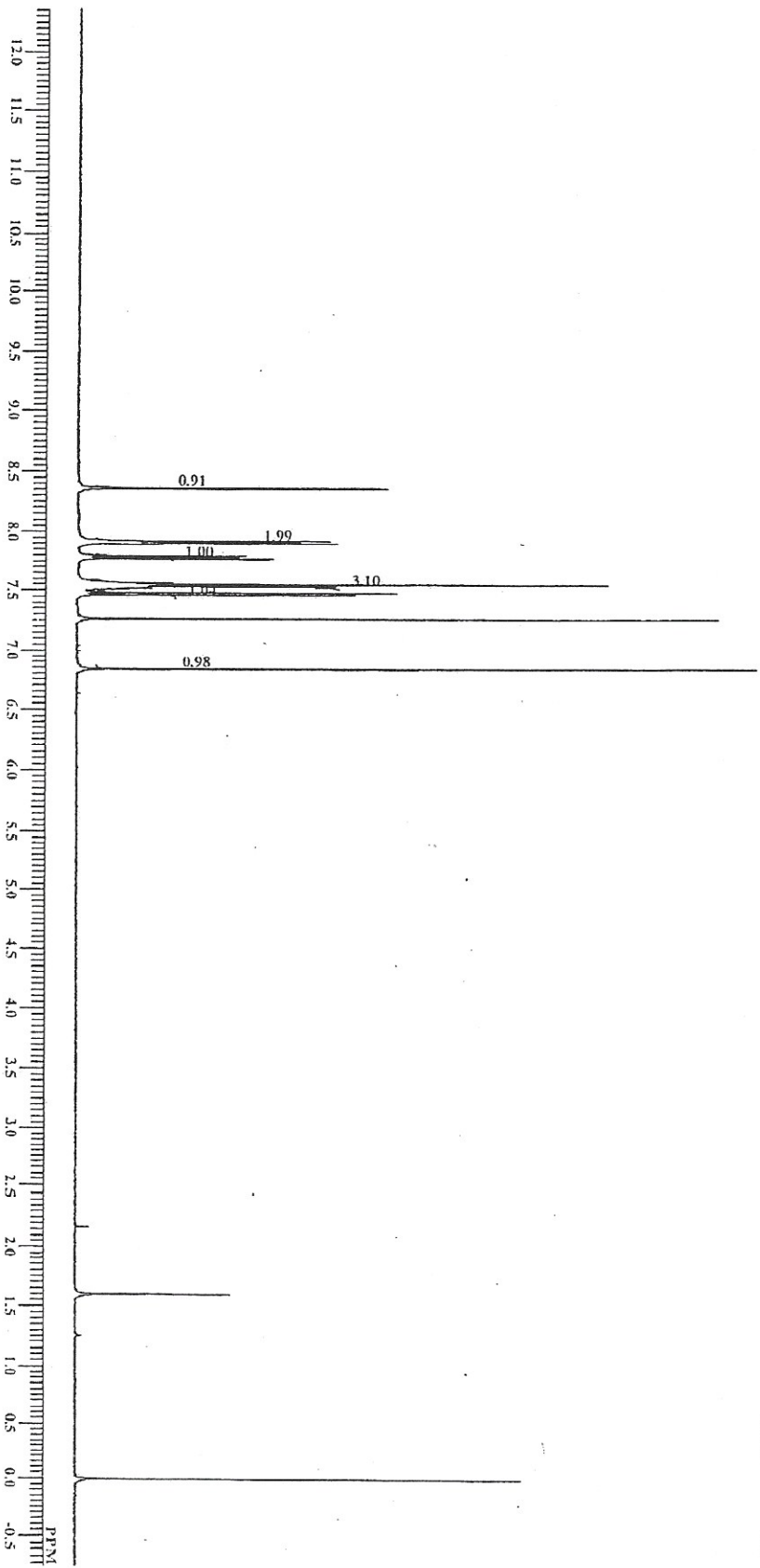
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.846	14.846	3663	0.02	0.85
2	RT:17.513	17.513	15255084	99.78	1.00
3	RT:18.981	18.981	22666	0.15	1.08
4	RT:19.719	19.719	6811	0.04	1.13
Total			15288224	100.00	



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 HILLSBOROUGH, NJ 08844

ICC-8 1H NMR CDCl3
 Cat. No.: 17-024
 Product name: 6-Bromoflavone
 Lot No.: 97074

DRIF: ICC-S-418
 CONVNT: ICC-8 1H NMR CDCl3
 OBRNUC: 1H
 EXMHD: NON
 OBRRO: 399.65 MHz
 OBRST: 124.00 kHz
 OBRFN: 10500.00 Hz
 POINT: 65536
 FREQU: 7992.01 Hz
 SCANS: 16
 ACQTM: 8.2002 sec
 PD: 3.0000 sec
 PVI: 5.60 usec
 FRNUC: 1H
 CTMP: 23.5°C
 SLVNT: CDCl3
 EXREF: 0.00 ppm
 DI: 0.30 Hz
 RGAIN: 24





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ICC-8 1H NMR CDCl3
Cat. No.: 17-024
Product name: 6-Bromoflavone
Lot No.: 97074

DRIF: ICC-8-416
COMNT: ICC-8 1H NMR CDCl3
OBNUC: 1H
EXMOD: NON
OHFRQ: 399.65 MHz
OHSET: 124.00 kHz
OHFIN: 14500.00 Hz
POINT: 65536
FREQU: 7992.01 Hz
SCANS: 16
ACQTM: 8.2002 sec
PD: 3.0000 sec
PWI: 5.60 usec
IRNUC: 1H
CTEMP: 23.5 c
SLVNT: CDCl3
EXREF: 0.00 ppm
BF: 0.30 Hz
RGAIN: 24

