



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

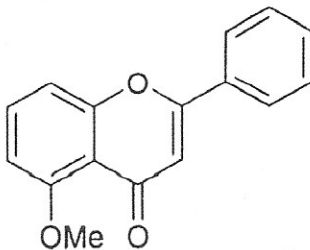
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: M-014

<u>Product:</u>	5-METHOXYFLAVONE
<u>CAS Number:</u>	[42079-78-7]
<u>Lot No.:</u>	0403068
<u>Molecular Formula:</u>	C ₁₆ H ₁₂ O ₃
<u>Molecular Weight:</u>	252.27
<u>Melting Point:</u>	126-129°C
<u>Appearance:</u>	White crystalline powder
<u>TLC:</u>	Chloroform:Methanol (9.5:0.5)
<u>Solubility:</u>	Soluble in chloroform
<u>Purity:</u>	97.91%





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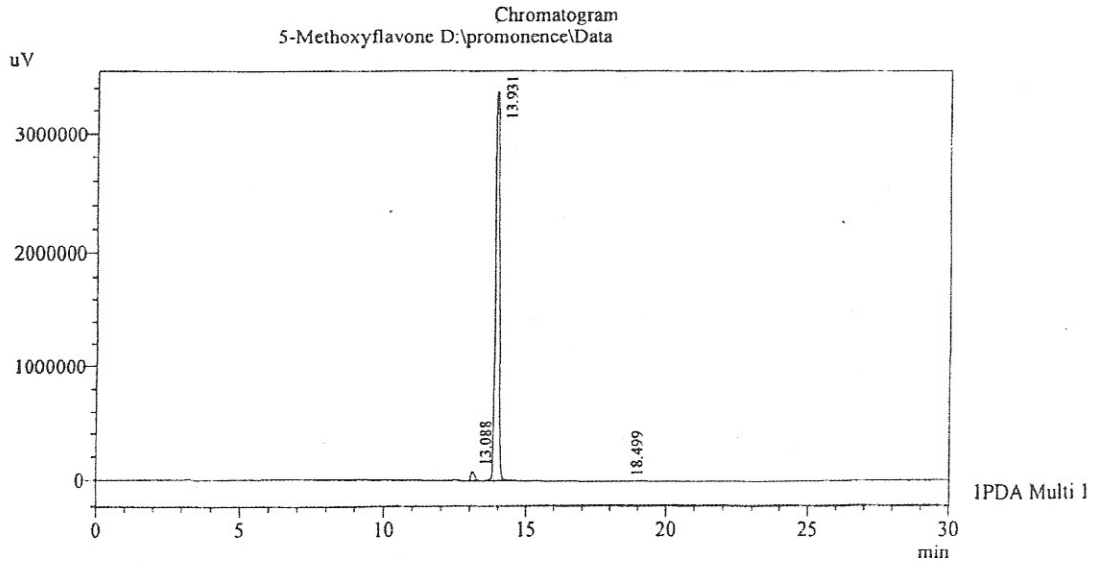
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HPLC ANALYSIS

Acquired by	: Sanjeev	Cat. No.:	M-014
Sample Name	: 5-Methoxyflavone	Product name:	5-Methoxyflavone
Sample ID	: Lot No:-	Lot No.:	0403068
Injection Volume	: 20 uL		
Data Filename	: 131211H.lcd		
Method Filename	: Linear Gradient.M.lcm		

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



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

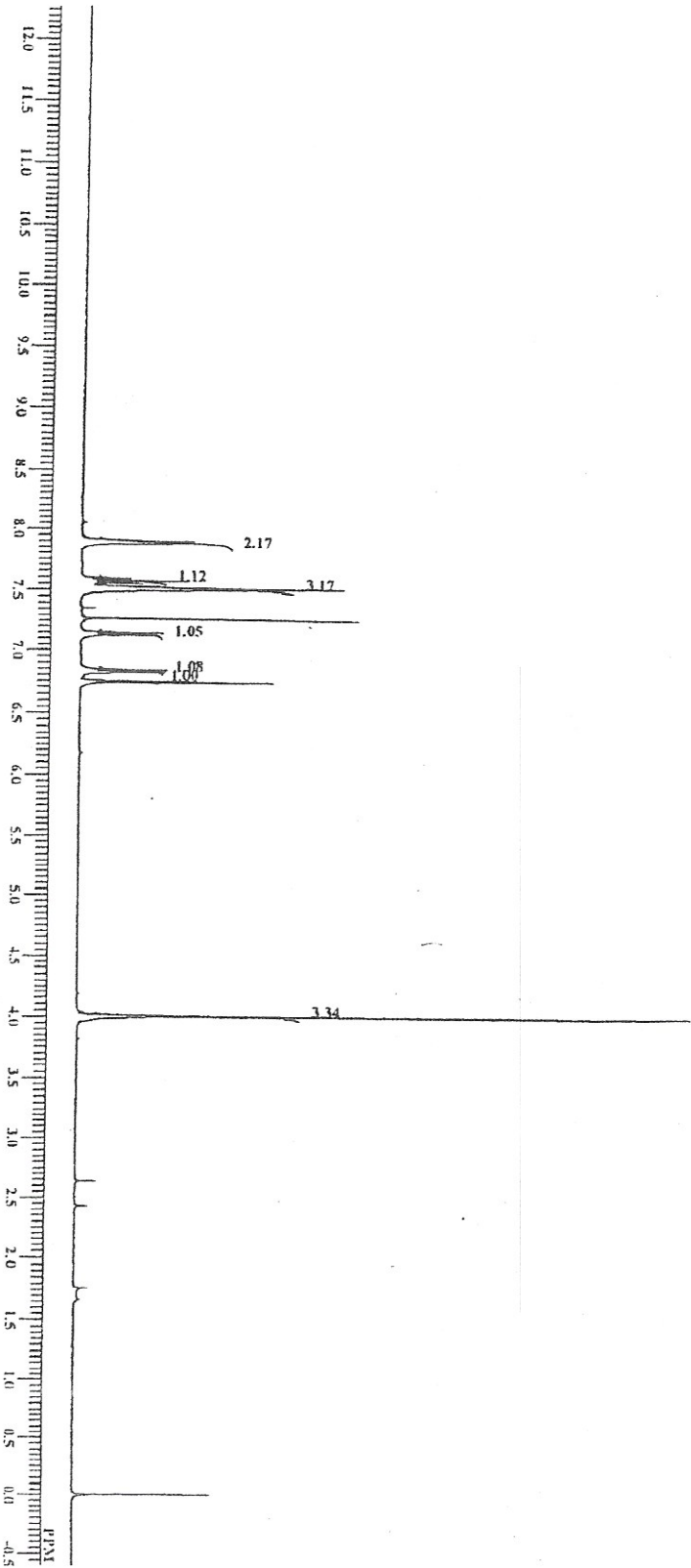
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.088	13.088	700038	2.08	0.94
2	RT:13.931	13.931	32964433	97.91	1.00
3	RT:18.499	18.499	5124	0.02	1.33
Total			33669595	100.00	

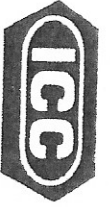


INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

ICC-1 IH NMR CDCl3
 Cat. No.: M-014
 Product name: 5-Methoxyflavone
 Lot No.: 0403068

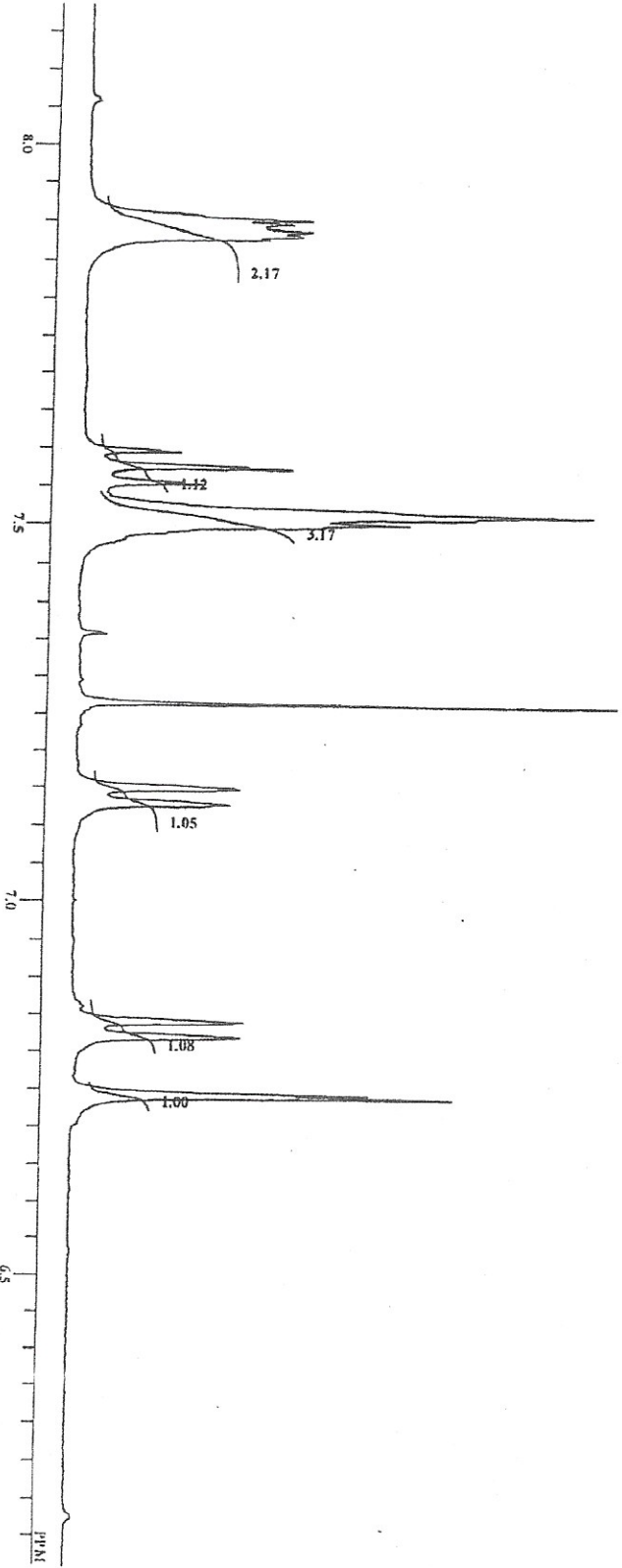
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 EXHIBIT 399.65 MHz
 OBSRD 124.00 kHz
 OBSRT 10500.00 Hz
 OBSRN 65536
 POINT 7991.01 Hz
 FREQU 16
 SCANS 21
 ACQTM 8.2002 sec
 PD 3.0000 sec
 PVL 5.60 usec
 IH 23.5 C
 IHNTUC CDCL3
 CTENR 0.00 ppm
 SILVT 0.30 Hz
 EXREF 21
 BR
 RGAIN





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ICC-1 1H NMR CDCl3
 Cat. No.: M-014
 Product name: 5-Methoxyflavone
 Lot No.: 0403068



ORNUC	1H
EXMOD	NON
OHFRQ	399.65 MHz
OHSET	134.00 KHz
OHFIN	105000.0 Hz
POINT	65516
FREQU	7992.01 Hz
SCANS	16
ACQTM	8.1002 sec
TD	3.0000 sec
PWT	5.60 usec
IRNUC	1H
CTEMP	21.5 c
SLVNT	CDCl3
EXREF	0.00 ppm
HF	0.30 Hz
RGAIN	21