



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

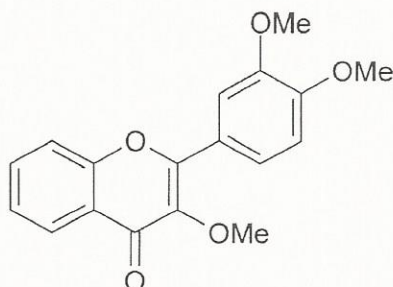
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 22-356

<u>Product:</u>	3,3',4'-TRIMETHOXYFLAVONE
<u>Lot No.:</u>	0903045
<u>Molecular Formula:</u>	C ₁₈ H ₁₆ O ₅
<u>Molecular Weight:</u>	312.33
<u>Melting Point:</u>	167-169°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane : ethyl acetate (7:3)
<u>Purity (HPLC):</u>	99.87%





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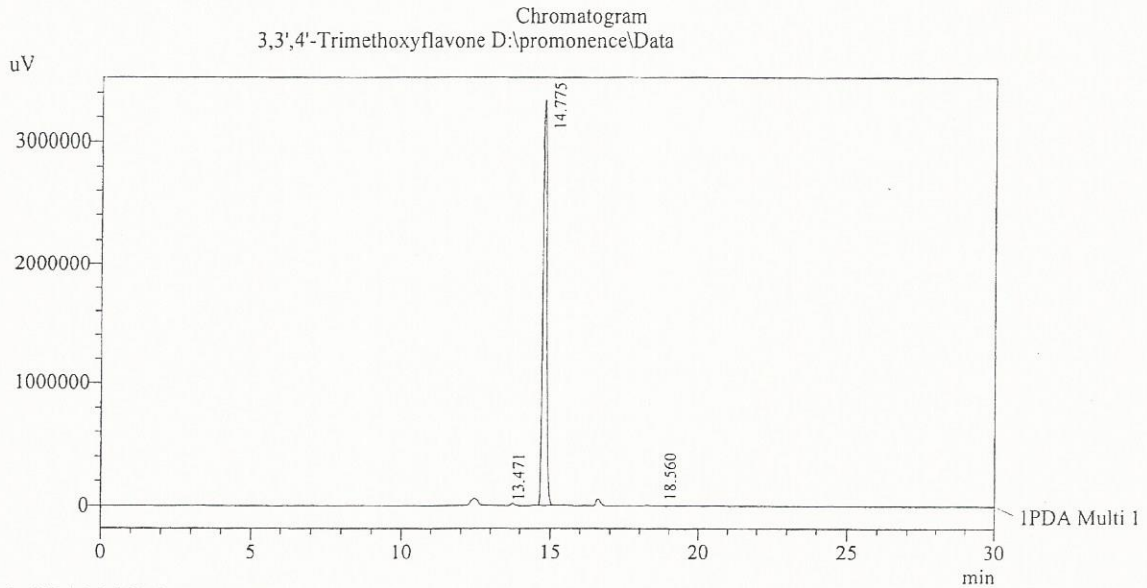
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HPLC ANALYSIS

Acquired by	: Sanjeev	Cat. No.:	22-356
Sample Name	: 3,3',4'-Trimethoxyflavone	Product name:	3,3',4'-Trimethoxyflavone
Sample ID	: Lot No:- 0903045	Lot No.:	0903045
Injection Volume	: 20 uL		
Data Filename	: 131211G.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 IPDA Multi 1 / 254nm 4nm

PeakTable

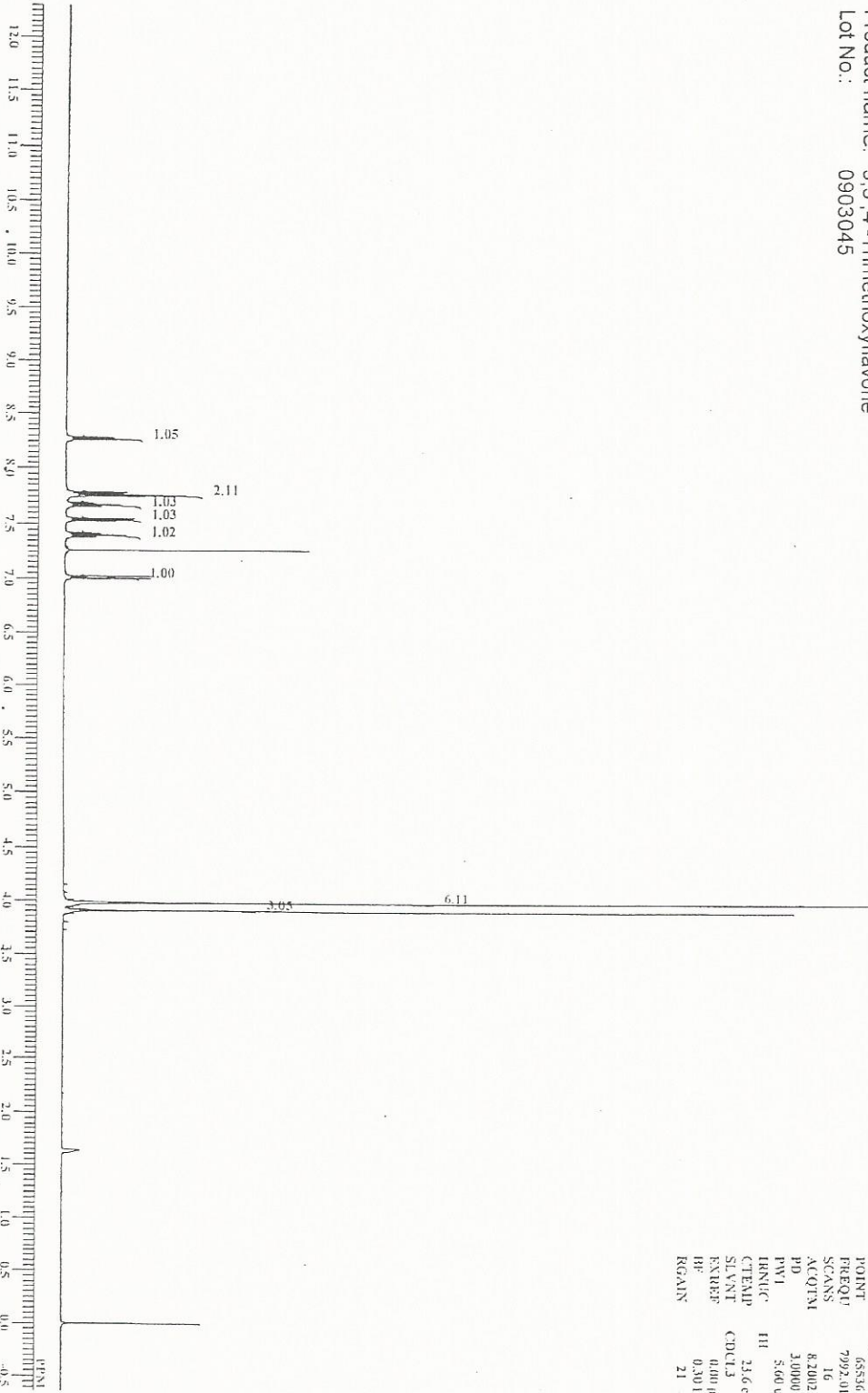
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.471	13.471	7788	0.03	0.91
2	RT:14.775	14.775	29754880	99.87	1.00
3	RT:18.560	18.560	30231	0.10	1.26
Total			29792899	100.00	



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 HILLSBOROUGH, NJ 08844

ICC-6 III NMR CDCl3
 Cat. No.: 22-356
 Product name: 3,3',4'-Trimethoxyflavone
 Lot No.: 0903045



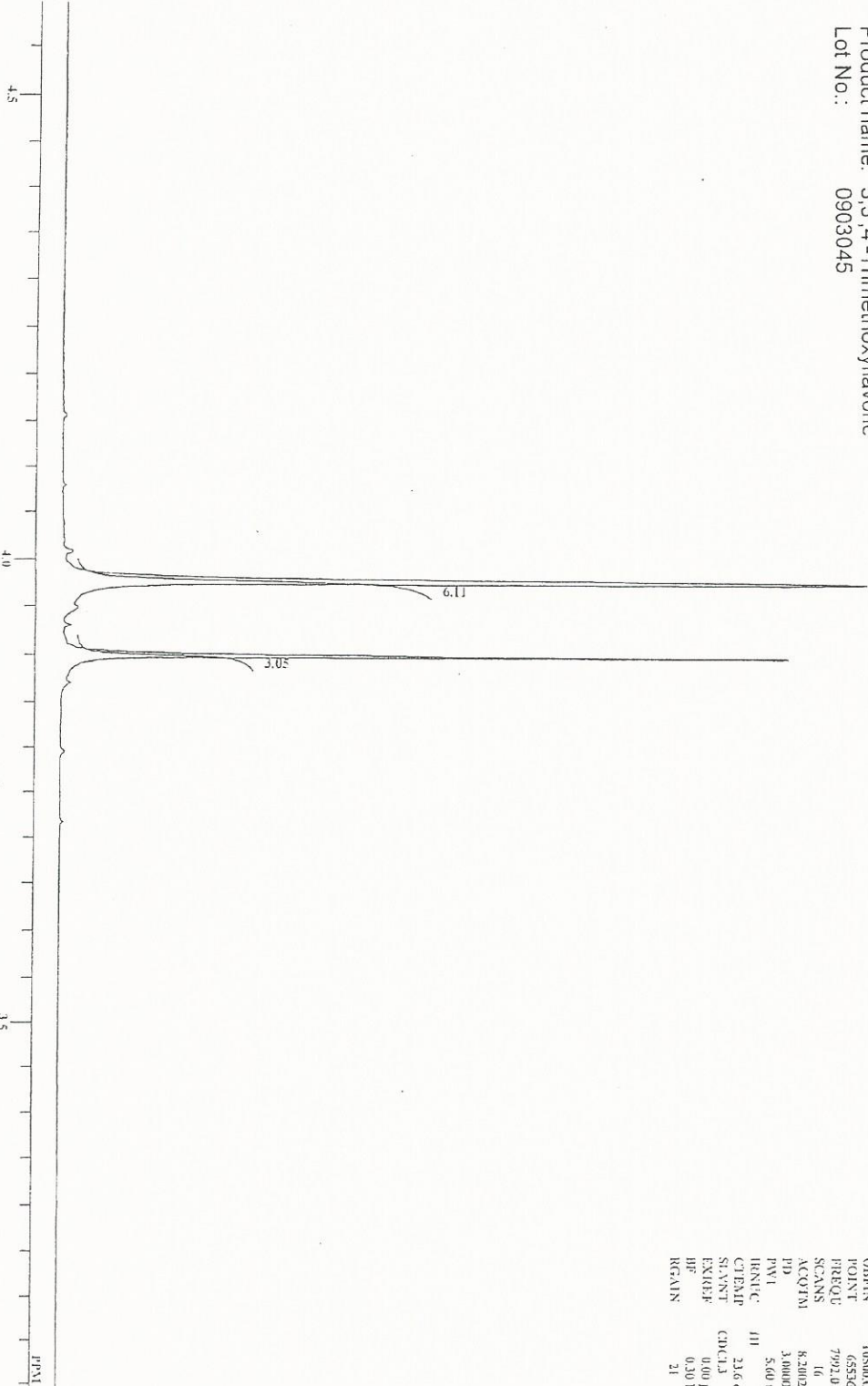
DETE ICC-6.a1s
 CONTC ICC-6 III NMR CDCl3
 ORNCG III
 EXMOD NON
 OBRFQ 399.65 MHz
 ODSRT 124.00 kHz
 OWIN 10500.00 Hz
 POINT 65536
 FREQU 7992.01 Hz
 SCANS 16
 ACQTMI 8.2002 sec
 PD 3.0000 sec
 PVT 5.60 usec
 IRRNG HI 23.6 c
 CTEMP CDCl3
 SLVNT 0.00 ppm
 ENREF 0.30 Hz
 HF 21
 RGAIN 21



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ICG-6 III NMR CDCl3

Cat. No.: 22-356
 Product name: 3,3',4'-Trimethoxyflavone
 Lot No.: 0903045

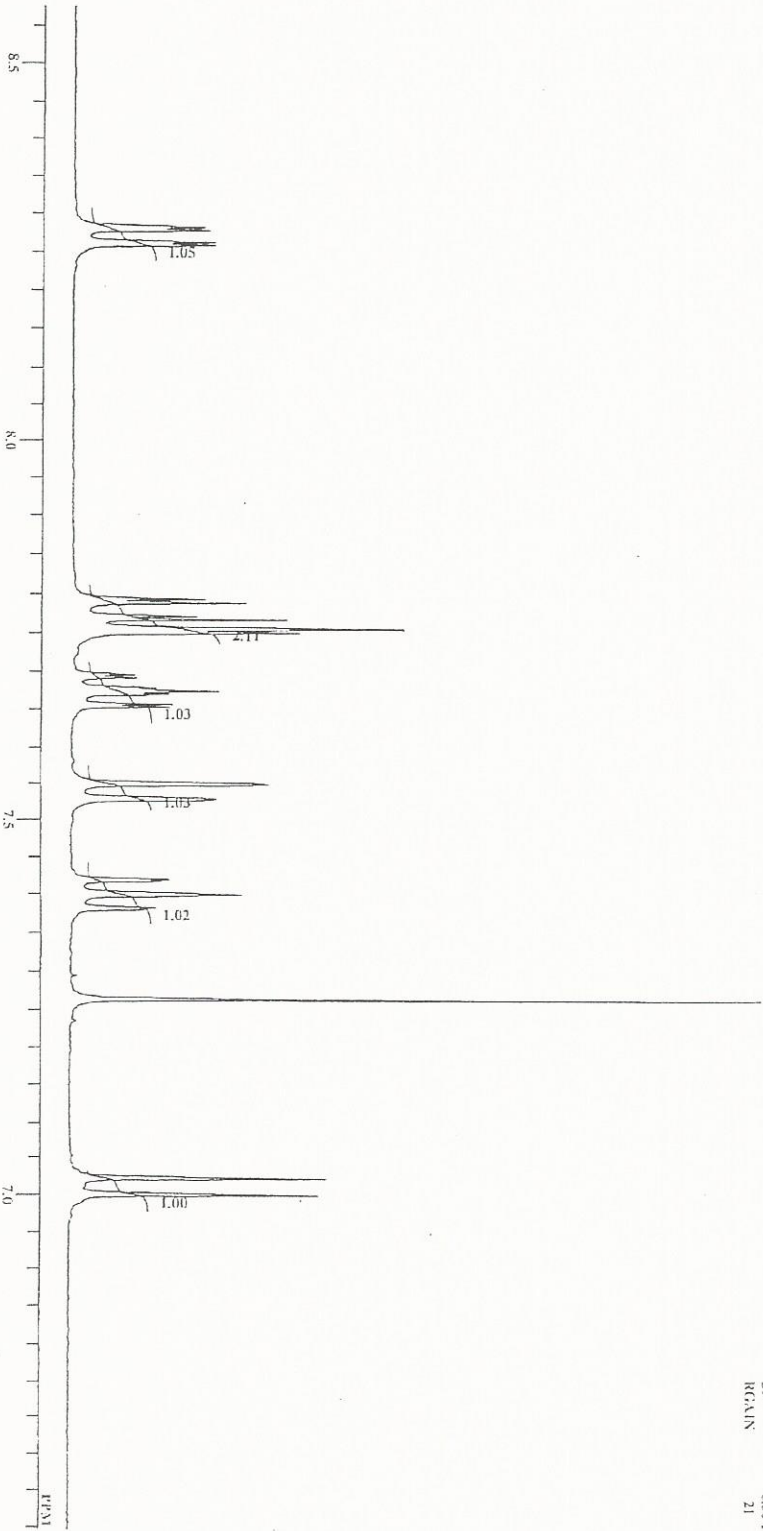


DEFILE	ICG-6-648
COMINT	ICG-6 III NMR CDCl3
ORNTC	III
EXTRCD	NON
OHREQ	39946 MHz
ORSE-I	12400 KHz
ORFIN	1050000 Hz
POINT	65536
PREQU	7992101 Hz
SECANS	16
ACQTM	8.2002 sec
PD	3.0000 sec
PWL	5.60 msec
IRNTC	III
GTEND	23.6 c
SLVNT	CDCl3
EXREF	0.00 ppm
HF	0.30 Hz
RGAIN	21



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CC-6 III NMR CDCl3
 Cat. No.: 22-356
 Product name: 3,3',4'-Trimethoxyflavone
 Lot No.: 0903045



FILE: ICC-6-ak
 COMMENT: ICC-6 III NMR CDCl3
 ORIGIN: III
 EXAMOD: NON
 OPEROR: 399.65 MHz
 OBSFT: 124.00 KHz
 OPERN: 105000.0 Hz
 POINT: 6536
 PREQU: 7992.00 Hz
 SCANS: 16
 ACQTM: 8.2002 sec
 PD: 3.0000 sec
 PVI: 5.60 usec
 IRNEC: III
 CLEANP: 21.6 c
 SLVNT: CHCl3
 EXREF: 0.00 ppm
 DP: 0.30 Hz
 RGAIN: 21