



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

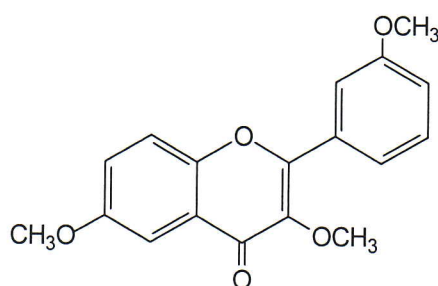
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 22-335

<u>Product:</u>	3,6,3'-TRIMETHOXYFLAVONE
<u>Lot No.:</u>	0103037
<u>Molecular Formula:</u>	C ₁₈ H ₁₆ O ₅
<u>M.W.:</u>	312.33
<u>Melting Point:</u>	117-119°C
<u>Appearance:</u>	White powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane : ethyl acetate (7:3)
<u>Purity(HPLC):</u>	99.71%





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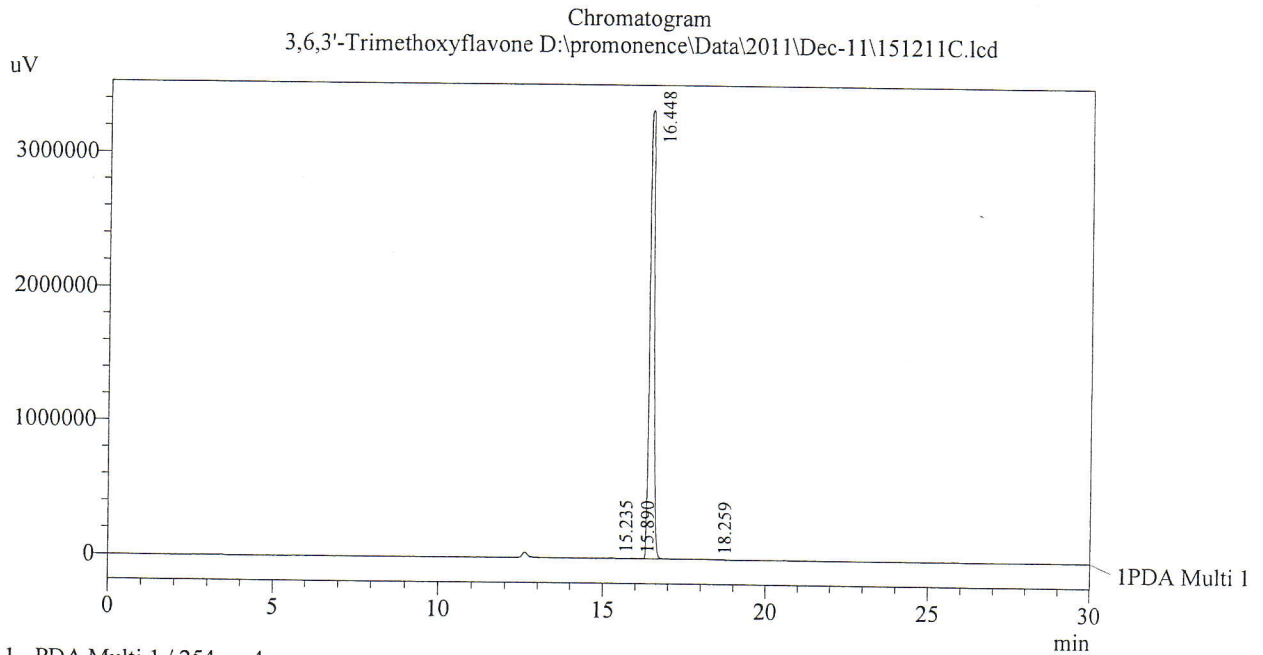
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HPLC ANALYSIS

Acquired by	: Sanjeev	Cat. No.:	22-335
Sample Name	: 3,6,3'-Trimethoxyflavone	Product name:	3,6,3'-Trimethoxyflavone
Sample ID	: Lot No:- 0103037	Lot No.:	0103037
Injection Volume	: 20 uL		
Data Filename	: 151211C.lcd		
Method Filename	: Linear Gradient.M.lcm		

Date Acquired	: 12/15/2011 11:38:07 AM
Data Processed	: 12/15/2011 12:18:52 PM
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



PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.235	15.235	46363	0.14	0.93
2	RT:15.890	15.890	28725	0.09	0.97
3	RT:16.448	16.448	33279267	99.71	1.00
4	RT:18.259	18.259	20655	0.06	1.11
Total			33375010	100.00	

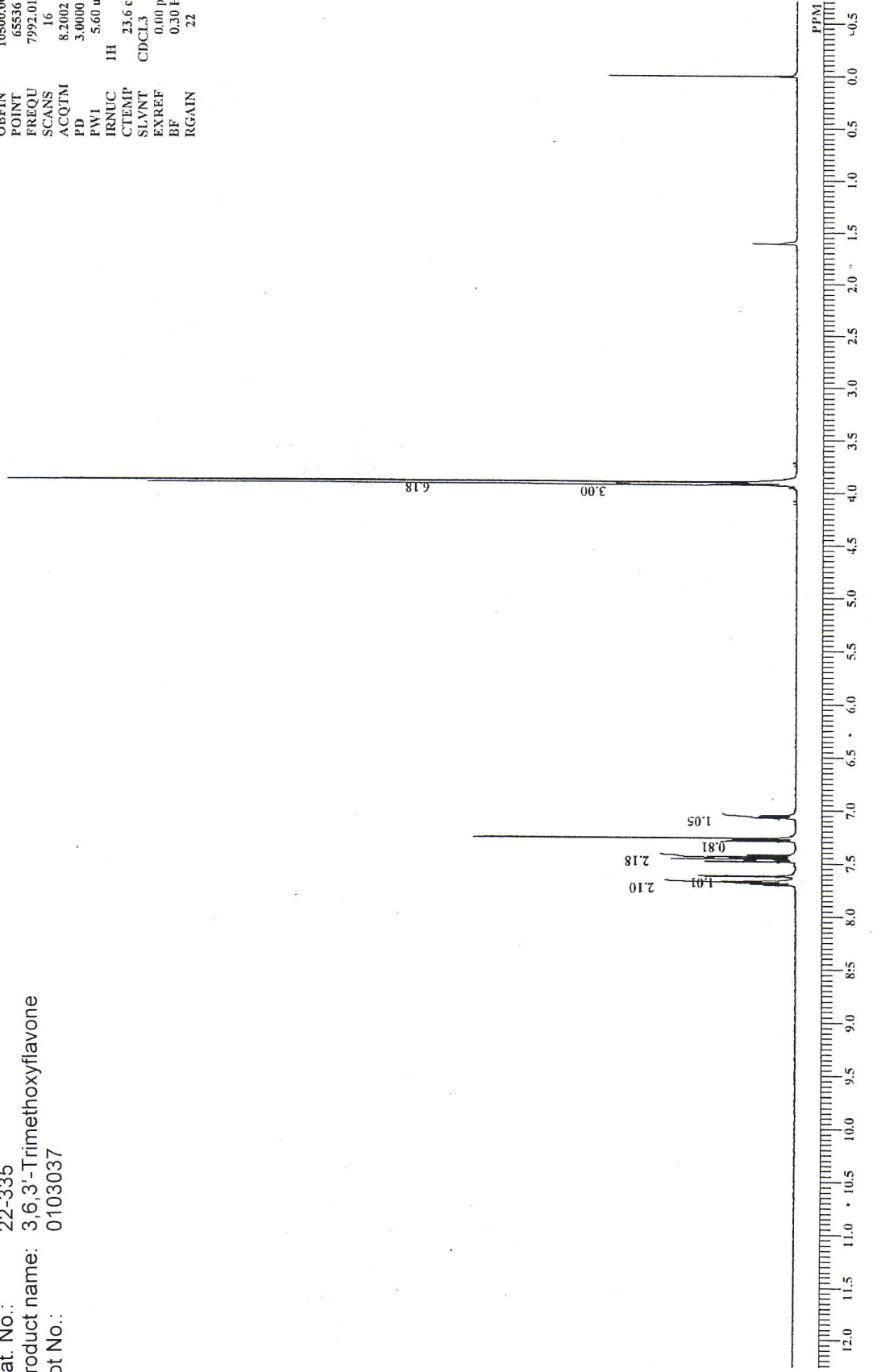


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

ICC-7 IH NMR CDCl3

Cat. No.: 22-335
Product name: 3,6,3'-Trimethoxyflavone
Lot No.: 0103037

DRFILE ICC-7.ais
COMINT ICC-7 IH NMR CDCl3
DATIM Sun Dec 18 12:02:26 2011
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 kHz
OBFIN 10500.00 Hz
FOUNT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PW1 5.60 usec
IRNUC 1H
CTEMP 23.6 c
CDCL3
SLVNT
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 22



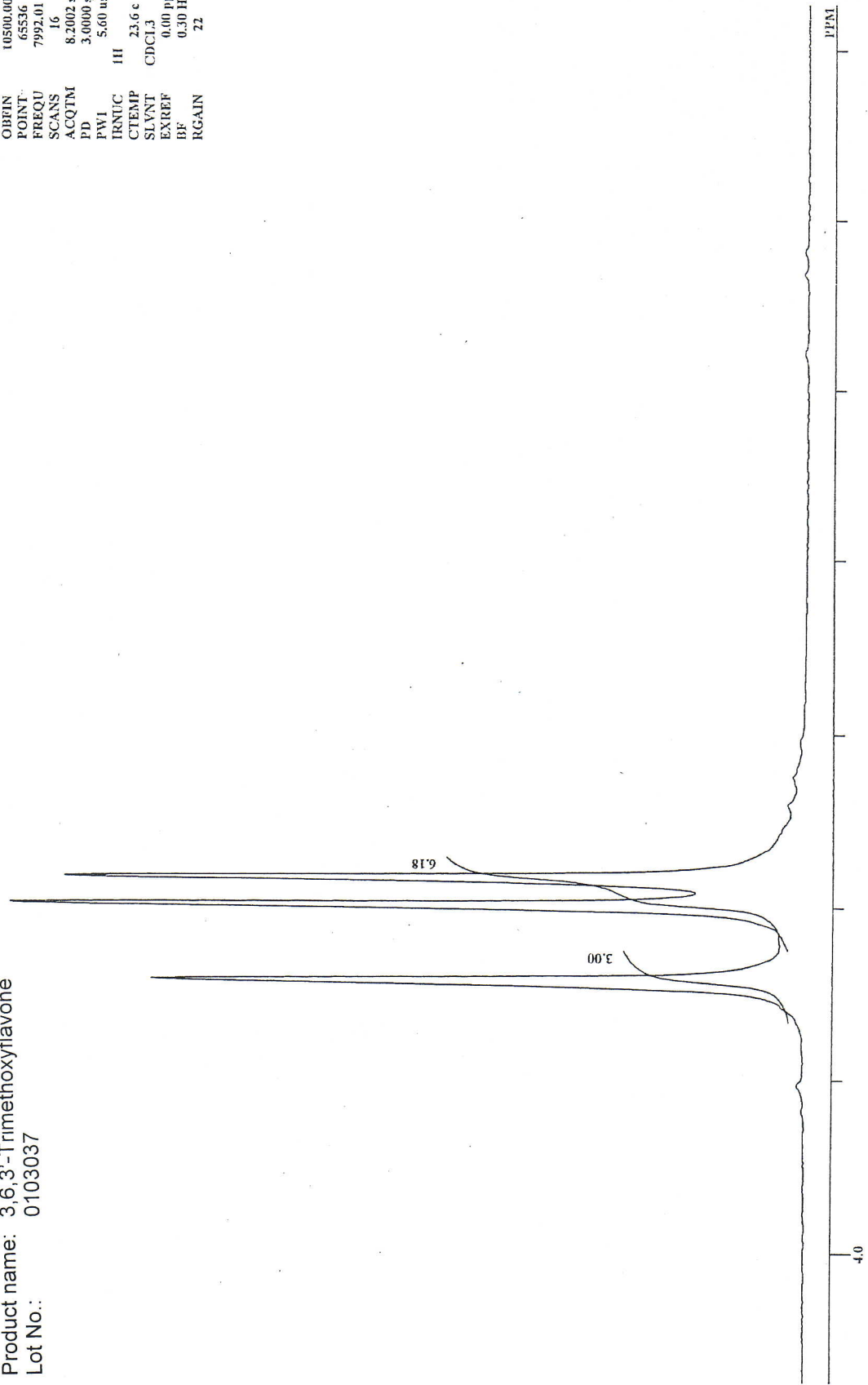


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

ICC-7 III NMR CDCB

Cat. No.: 22-335
Product name: 3,6,3'-Trimethoxyflavone
Lot No.: 0103037

DFILE ICC-7.als
COMNT ICC-7 III NMR CDCB
DATIM Sun Dec 18 12:02:26 2011
OBNUC IH
EXMOD NON
OBFRO 399.65 MHz
ORSET 124.00 KHz
OBRIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PW1 5.60 usec
IRNUC IH
CTEMP 23.6 c
SLVNT CDCl3
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 22





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

ICC-7 1H NMR CDCl3

Cat. No.: 22-335
Product name: 3,6,3'-Trimethoxyflavone
Lot No.: 0103037

DFILE ICC-7.als
COMNT ICC-7 1H NMR CDCl3
DATIM Sun Dec 18 12:02:26 2011
OBNUC 1H
EXMOD NON
OBFRO 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC 1H
CTEMP 23.6 c
SLVNT CDCl3
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 22

