

INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

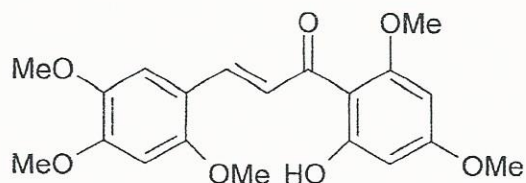
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	H-509
<u>Product Name:</u>	2'-HYDROXY-2,4,4',5,6'-PENTAMETHOXYCHALCONE (Rubone)
<u>CAS Number:</u>	[73694-15-2]
<u>Lot Number:</u>	0210206
<u>Chemical Formula:</u>	C ₂₀ H ₂₂ O ₇
<u>Molecular Weight:</u>	374.39
<u>Melting Point:</u>	176-177°C
<u>Appearance:</u>	Yellow powder
<u>TLC:</u>	Hexane:Ethyl acetate (1:1)
<u>Solubility:</u>	Soluble in Chloroform
<u>NMR Spectrum:</u>	Enclosed (conforms to the structure)
<u>Storage:</u>	Store in a cool, dry place
<u>Purity(HPLC):</u>	99.07%





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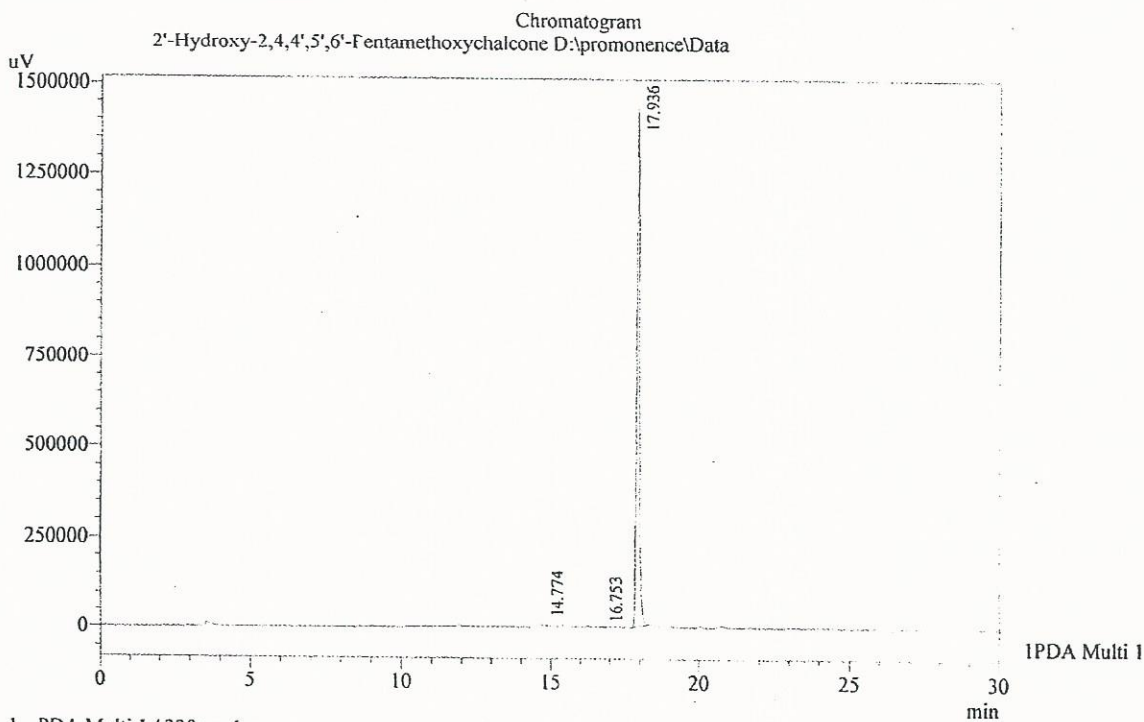
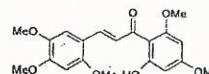
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HPLC ANALYSIS

Sample ID : 0210206
Injection Volume : 20 uL
Data Filename : I00615C.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-509
Product Name: 2'-Hydroxy-2,4,4',5,6'-pentamethoxychalcone
Lot No.: 0210206

Column : LUNA C-18, (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(Water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10
Diluent : Acetonitrile



PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.774	14.774	74397	0.79	0.82
2	RT:16.753	16.753	13226	0.14	0.93
3	RT:17.936	17.936	9315572	99.07	1.00
Total			9403195	100.00	

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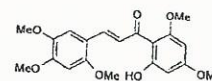
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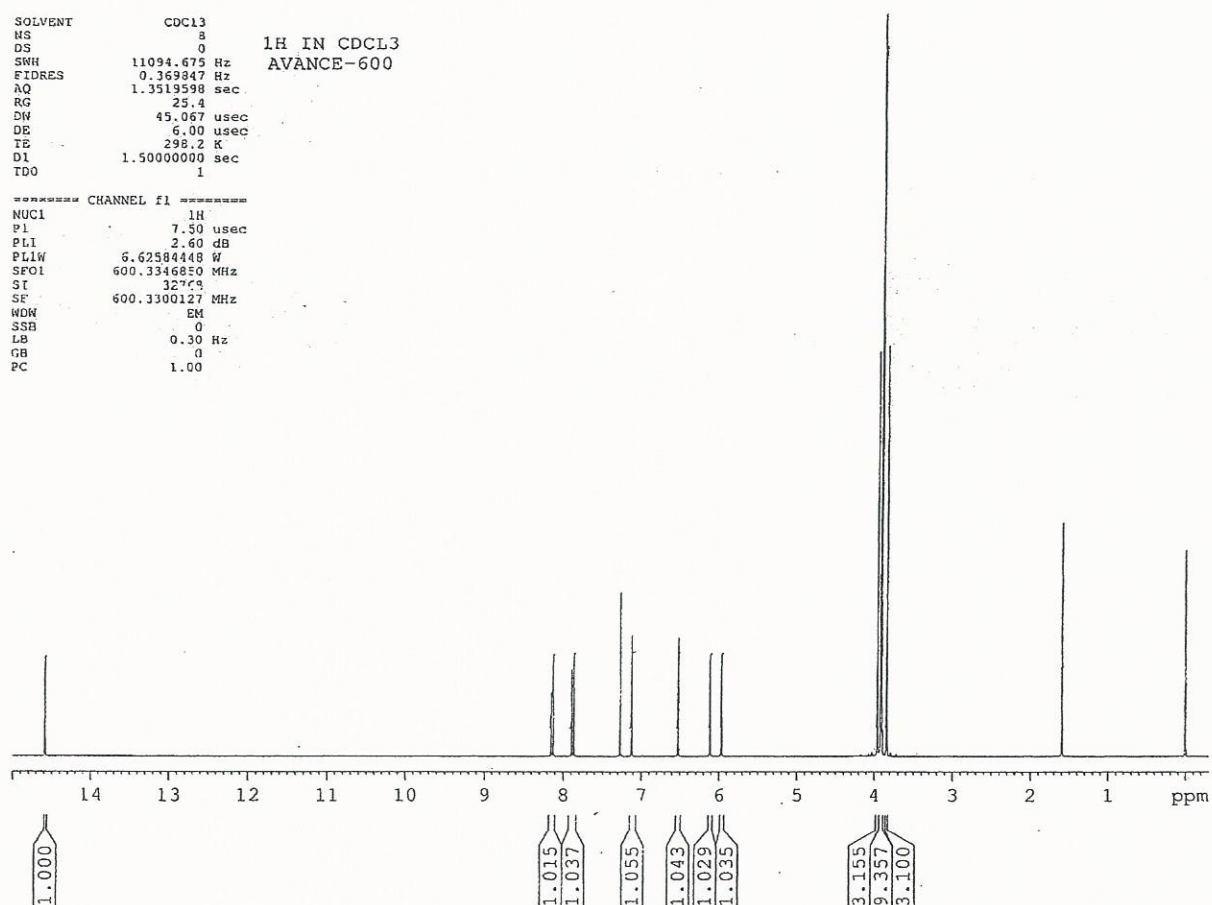
Lot No.: 0210206



SOLVENT CDCL3
NS 8
DS 0
SWH 11094.675 Hz
FIDRES 0.369847 Hz
AQ 1.3519598 sec
RG 25.4
DW 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TDO 1

1H IN CDCL3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346850 MHz
SI 327.00
SF 600.3300127 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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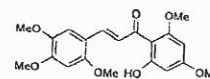
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