

# **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

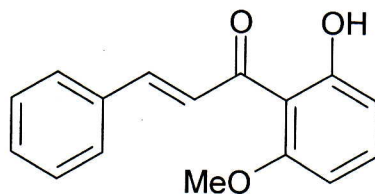
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

**Cat. No.: 19-673**

<u>Product:</u>	<b>2'-HYDROXY-6'-METHOXYCHALCONE</b>
<u>CAS Number:</u>	[42079-68-5]
<u>Lot No.:</u>	0511099
<u>Molecular Formula:</u>	C <sub>16</sub> H <sub>14</sub> O <sub>3</sub>
<u>Molecular Weight:</u>	254.29
<u>Melting Point:</u>	63.5-65.5°C
<u>Appearance:</u>	Yellow shining powder
<u>Solubility:</u>	Soluble in Chloroform
<u>NMR Spectrum:</u>	Enclosed
<u>IR Spectrum:</u>	Enclosed
<u>Storage:</u>	Cool dry place
<u>Purity(HPLC):</u>	99.6%





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## HPLC ANALYSIS

Catalog No.: 19-673

Product name: 2'-Hydroxy-6'-methoxychalcone

Lot No.: 0511099

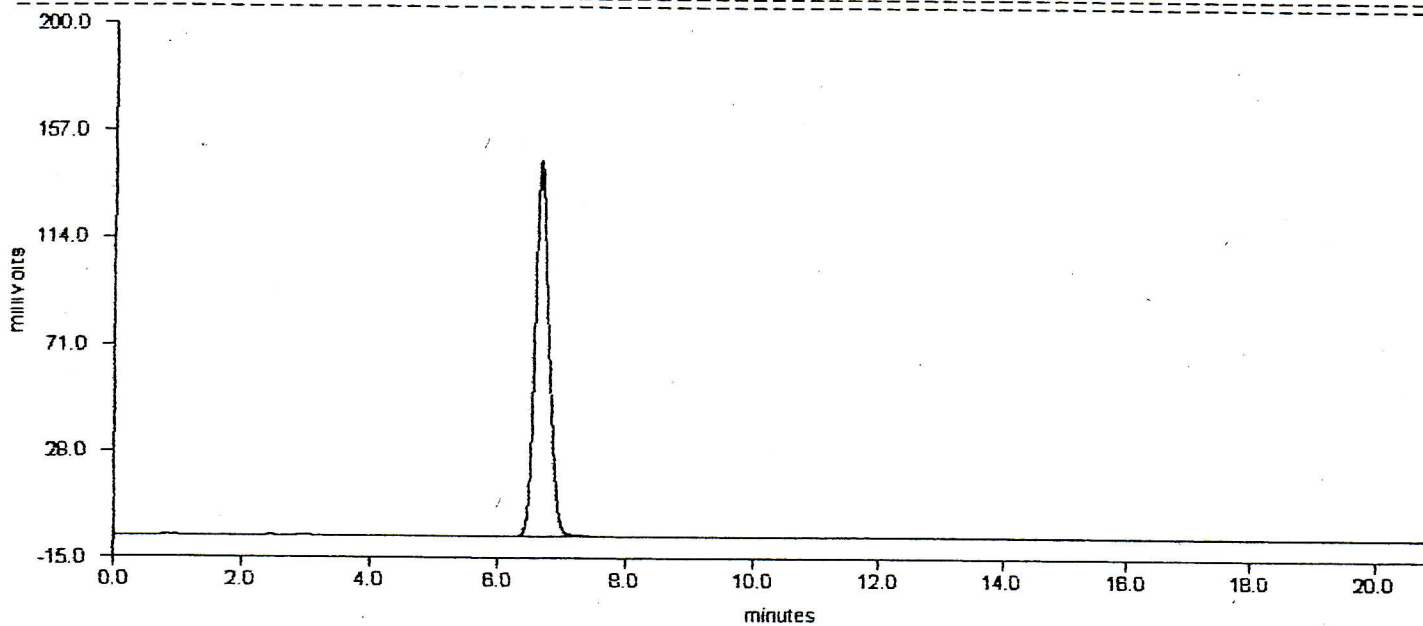
MOBILE PHASE : WATER + ACETONITRILE(30+70), WAVE LENGTH : 254nm

COLUMN : C18(250X4.6mm), FLOW RATE : 2ml/min

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DELTA CHROMATOGRAPHY DATA SYSTEM

STRIPCHART PLOT FOR CHROMATOGRAM - c:\deltaw\data\np-08033.raw



DELTA CHROMATOGRAPHY DATA SYSTEM

LISTING PEAK TABLE FOR CHROMATOGRAM - c:\deltaw\data\np-08033.raw.RAW

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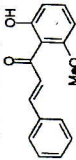
#	Type Name	Ret.Time	Area(uVSec)	Height(mV)	Area Percent
1	PB	6.67	2308474	151.8	99.6
2	VT	11.47	7136	0.1	0.3
3	VT	14.72	2771	0.2	0.1



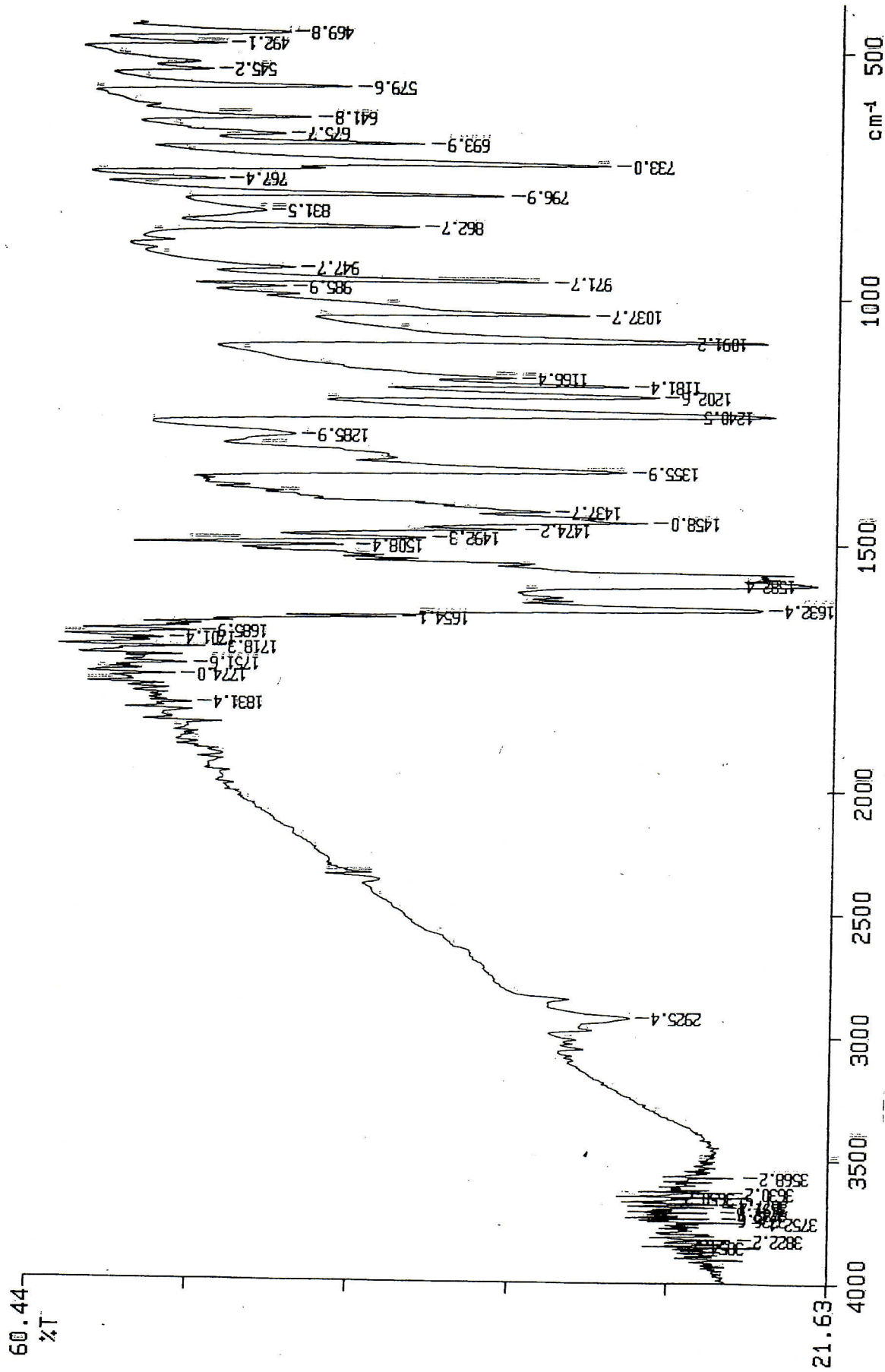
INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844

Catalog No.: 19-673  
Product name: 2'-Hydroxy-6'-methoxychalcone  
Lot No.: 0511099

2'-Hydroxy-6'-methoxy chalcone



PERKIN ELMER



X: 1 scan, 4.0cm-1



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