



# INDOFINE Chemical Company, Inc.

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

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## CERTIFICATE OF ANALYSIS

Catalog Number: H-416

Product Name: **3-HYDROXY-5-METHOXYFLAVONE**

Lot Number: 0511100

Chemical Formula: C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>

Molecular Weight: 268.27

Melting Point: 172.5-174.5°C

Appearance: Pale yellow powder

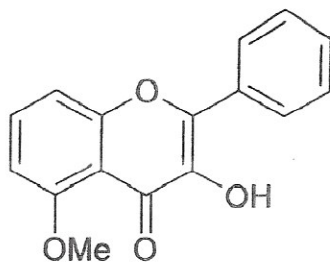
Solubility: Soluble in Chloroform

NMR Spectrum: Enclosed (Confirms to the structure)

IR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99.5%



Prepared by:  
Ramesh Mandadi  
Ramesh Mandadi  
Director of Operations

Reviewed and approved by:  
Sujata Moton  
S. Moton  
VP



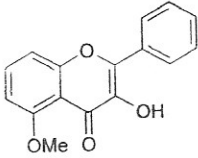
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## HPLC ANALYSIS



Catalog No.: H-416

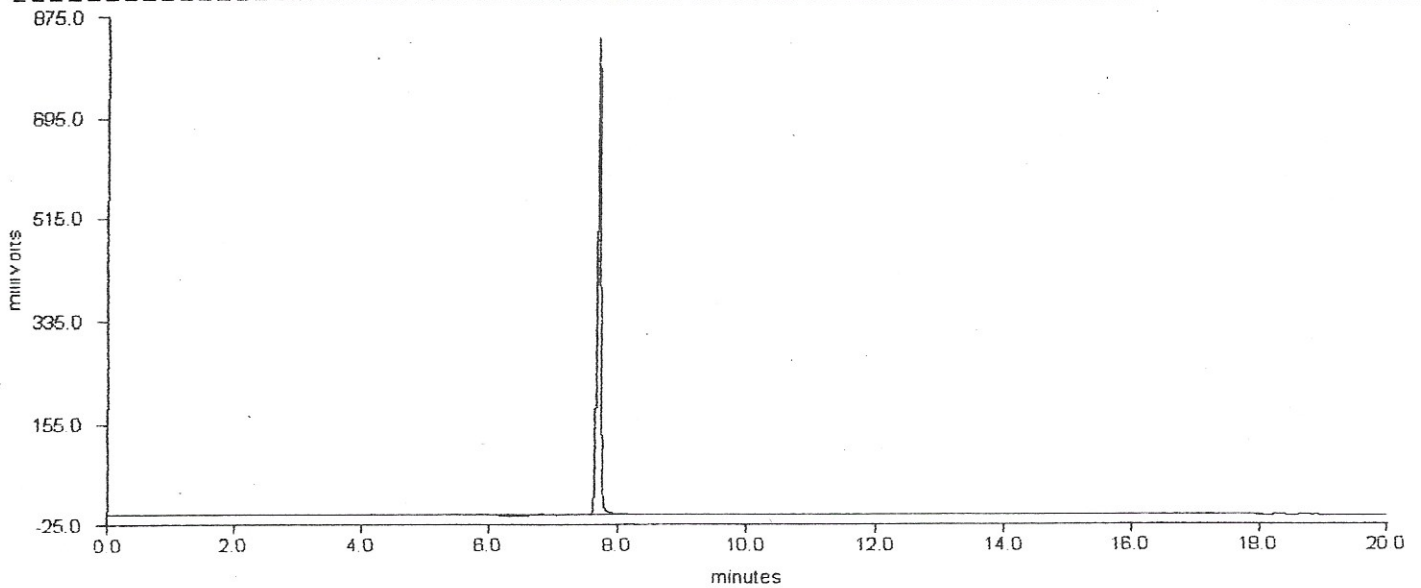
Product Name: 3-Hydroxy-5-methoxyflavone

Lot No.: 0511100

FLOW RATE : 1.0ml/Min      WAVELENGTH : 254nm,      COLUMN : C8(150mmX3.9)  
MOBILE PHASE : ACETONITRILE : WATER (70+ 30)

DELTA CHROMATOGRAPHY DATA SYSTEM

STRIPCHART PLOT FOR CHROMATOGRAM - c:\deltaw\data\np10009.raw



DELTA CHROMATOGRAPHY DATA SYSTEM

LISTING PEAK TABLE FOR CHROMATOGRAM

#	Type Name	Ret.Time	Area(uVSec)	Height(mV)	Area Percent
1	BV	6.82	14750	3.1	0.5
2	PM	7.70	3175807	844.6	99.5

Prepared by:

*Ramesh Mandadi*

Ramesh Mandadi

Director of Operations

Reviewed and Approved by:

*Sujata Moton*

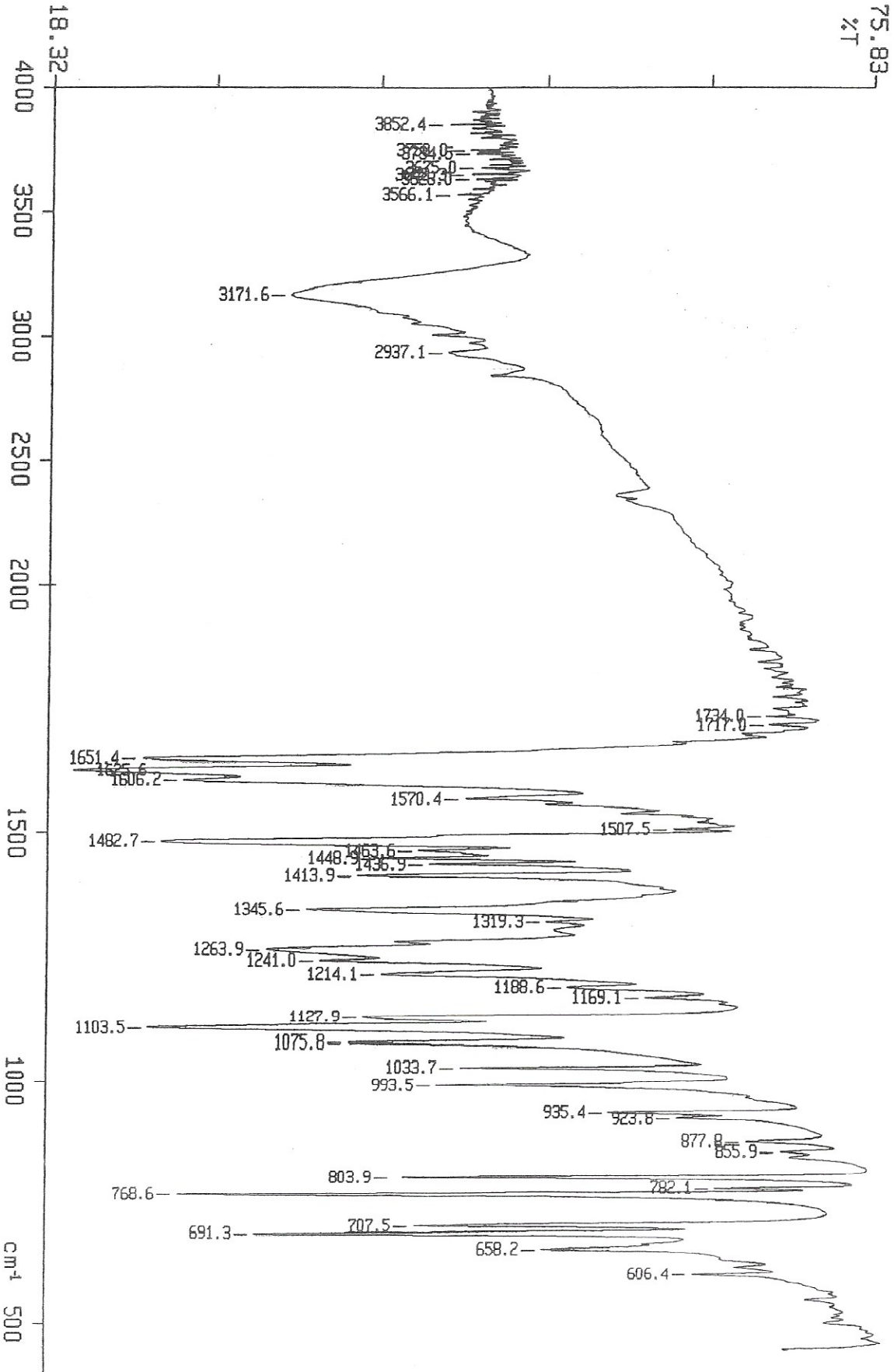
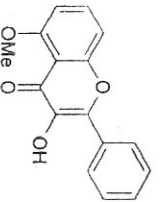
Sujata Moton

VP



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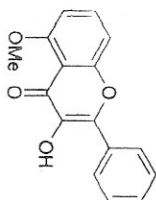
PERKIN ELMER



Catalog No.: H-416  
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