



# 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

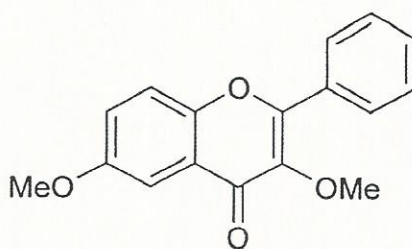
website: [www.indofinechemical.com](http://www.indofinechemical.com)

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

## CERTIFICATE OF ANALYSIS

Cat. No.: D-425

<u>Product:</u>	<b>3,6-DIMETHOXYFLAVONE</b>
<u>Lot No.:</u>	0403064
<u>Molecular Formula:</u>	C <sub>17</sub> H <sub>14</sub> O <sub>4</sub>
<u>Molecular Weight:</u>	282.30
<u>Melting Point:</u>	128-130°C
<u>Appearance:</u>	White crystalline powder
<u>Solubility:</u>	Soluble in chloroform
<u>TLC:</u>	Hexane : Ethyl acetate (7:3)
<u>Purity(HPLC):</u>	99.89%





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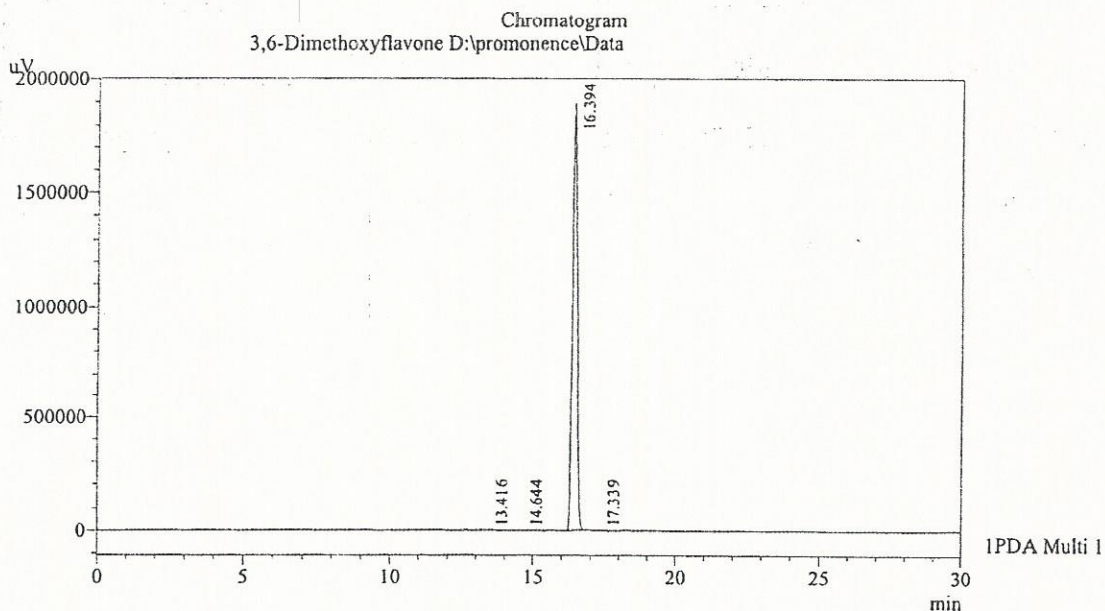
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Sanjeev  
Sample Name : 3,6-Dimethoxyflavone  
Sample ID : Lot No:- 0403064  
Injection Volume : 20 uL  
Data Filename : 110112M.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: D-425  
Product name: 3,6-Dimethoxyflavone  
Lot No.: 0403064

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  
25.0 10 90  
28.0 90 10  
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

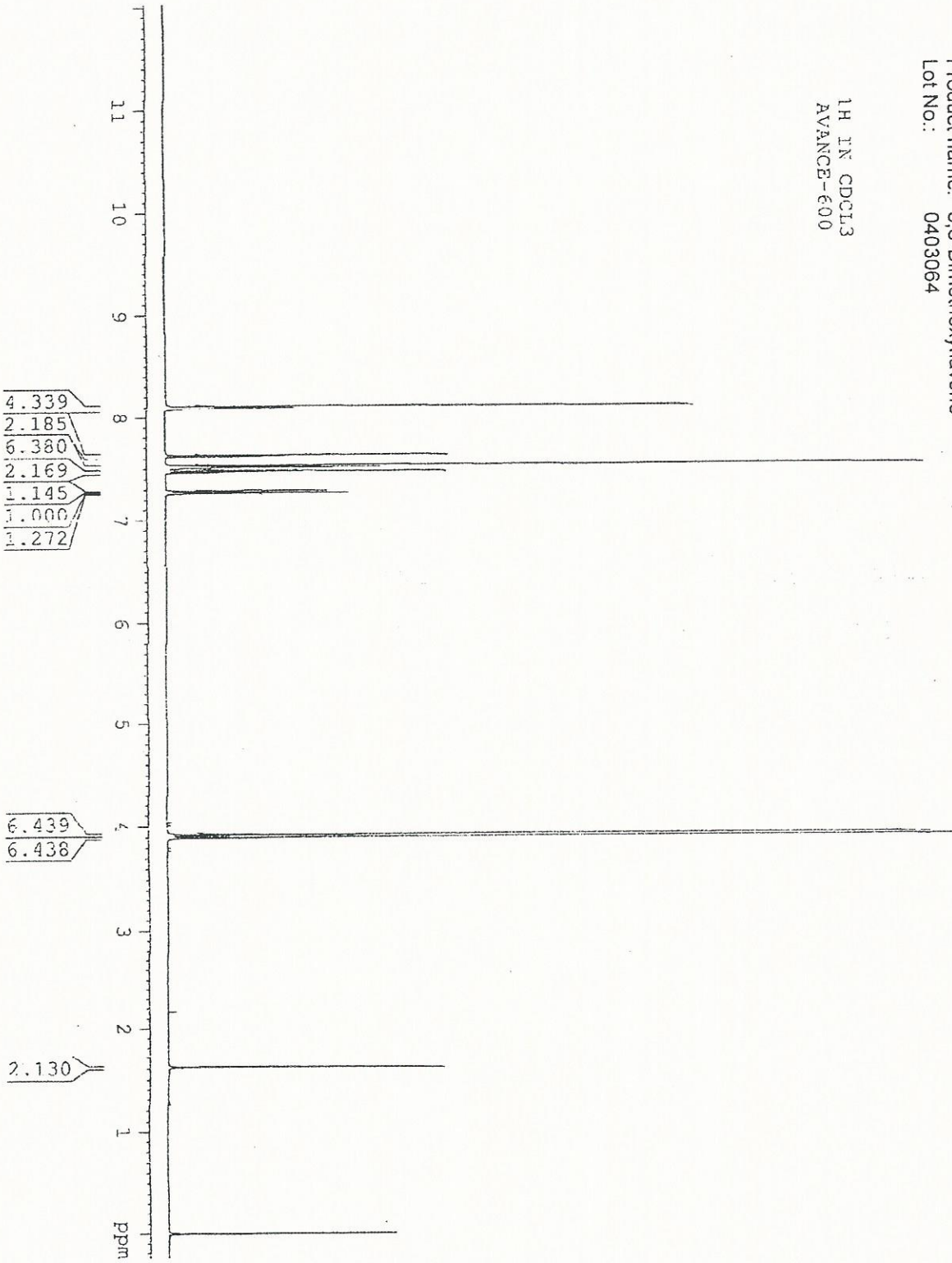
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.416	13.416	8901	0.04	0.82
2	RT:14.644	14.644	15568	0.07	0.89
3	RT:16.394	16.394	21602747	99.87	1.00
4	RT:17.339	17.339	3696	0.02	1.06
Total			21630913	100.00	



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Lot No.: 0403064

<sup>1</sup>H IN CDCL<sub>3</sub>  
AVANCE-600

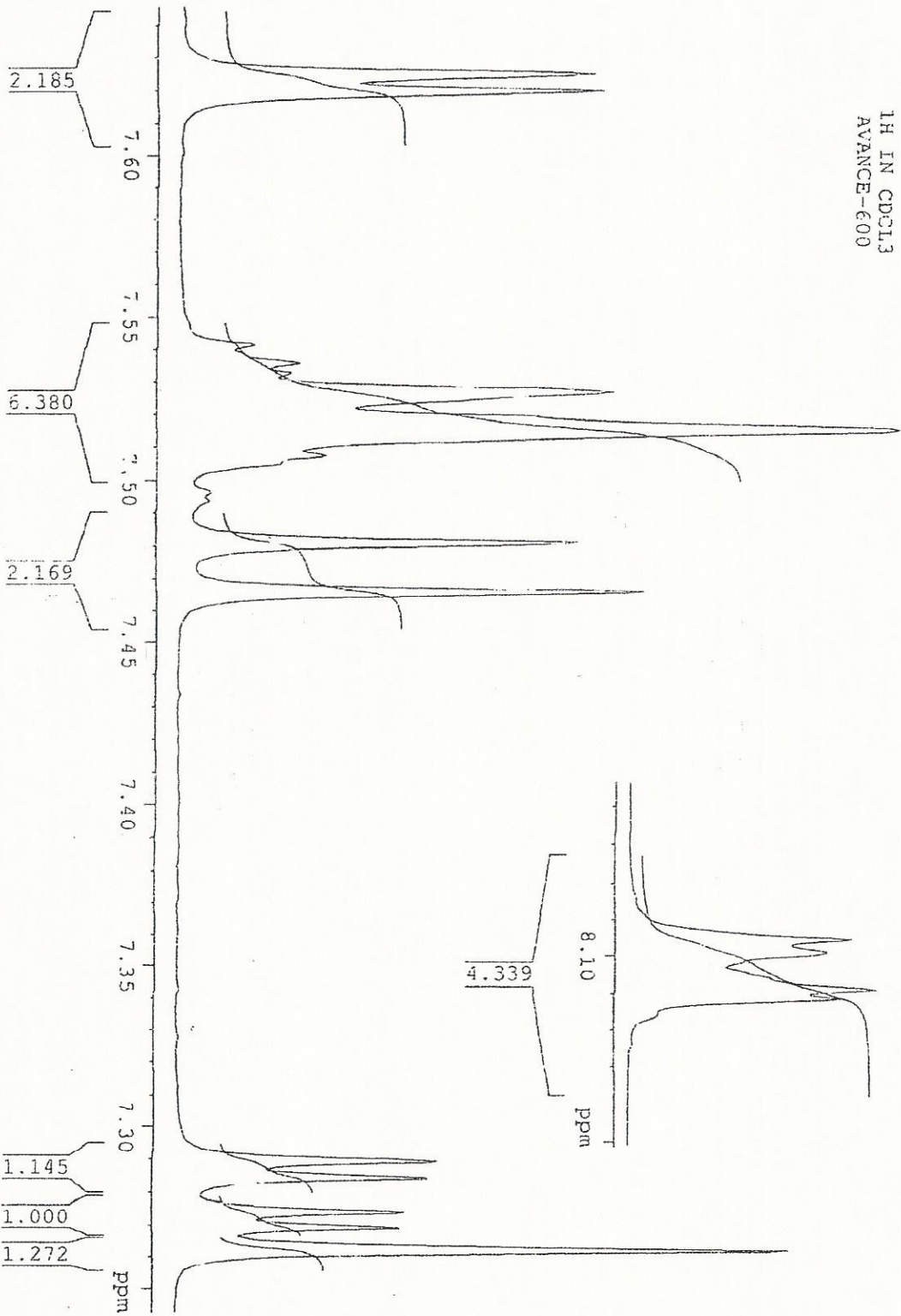




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