



# 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

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## CERTIFICATE OF ANALYSIS

Cat No.: T-601

Product:

**3,3',4'-TRIHYDROXYFLAVONE**  
(3',4'-Dihydroxyflavonol)

CAS No.:

[6068-78-6]

Lot Number:

0603022

Chemical Formula:

C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

Molecular Weight:

270.24

Melting Point:

>290°C

Appearance:

Yellow fluffy powder

TLC:

Benzene:Ethyl acetate (8:2)

Solubility:

Soluble in DMSO

NMR Spectrum:

Enclosed

IR Spectrum:

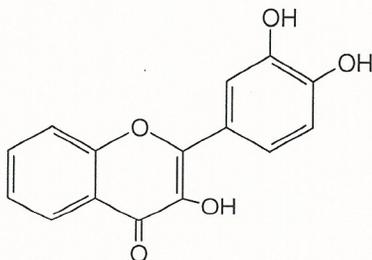
Enclosed

Storage:

Cool dry place

Purity(HPLC):

99+%



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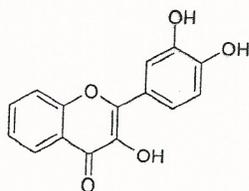
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## HPLC ANALYSIS

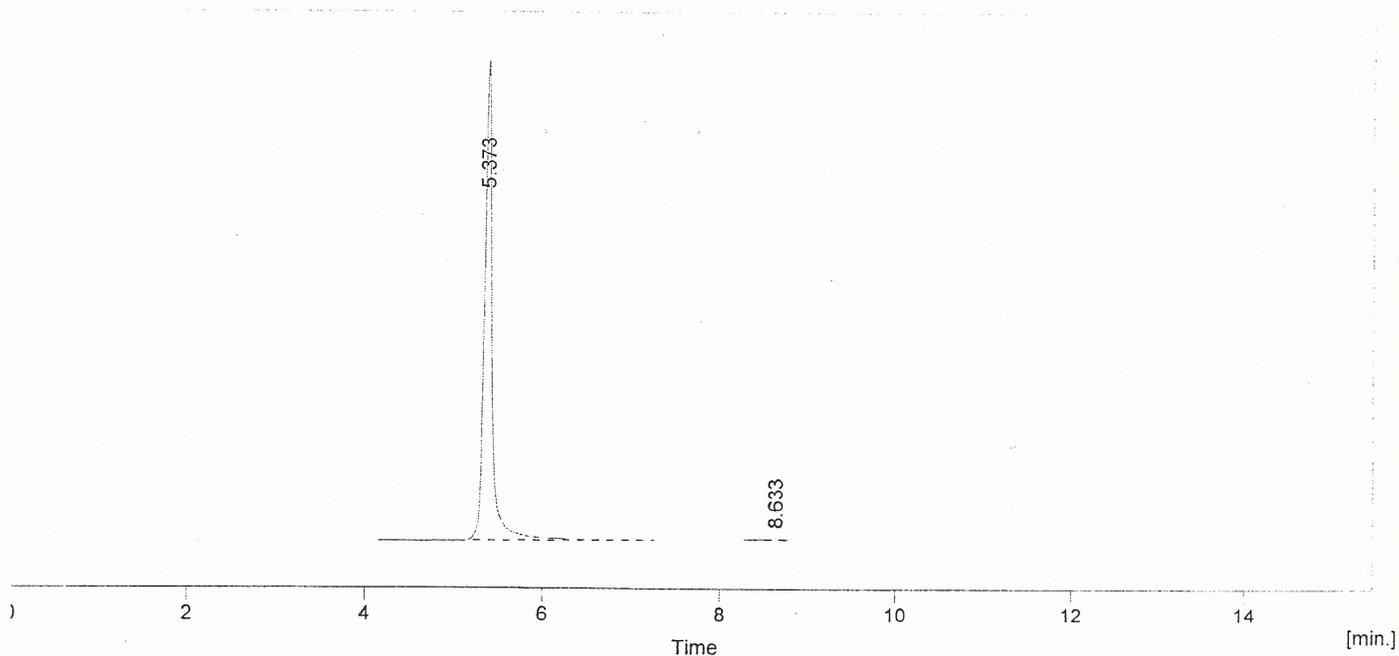


Catalog no.: T-601  
Product name: 3,3',4'-Trihydroxyflavone  
Lot No.: 0603022

Info:

File ID : NP-003  
File : 3,3',4'-TRIHIDROXY FLAVONE  
Volume [ml] : 20

Amount : 0  
ISTD Amount : 0  
Dilution : 1



Result Table (Uncal - F:\Prominence\09012)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	5.373	1800.998	294.631	99.5
2	8.633	8.365	0.570	0.5
	Total	1809.363	295.200	100.0

MOBILE PHASE : METHANOL + WATER(60+40)

WAVE LENGTH : 254nm , COLUMN : C<sub>18</sub> (250X4.6mm), FLOW RATE : 1ml/min

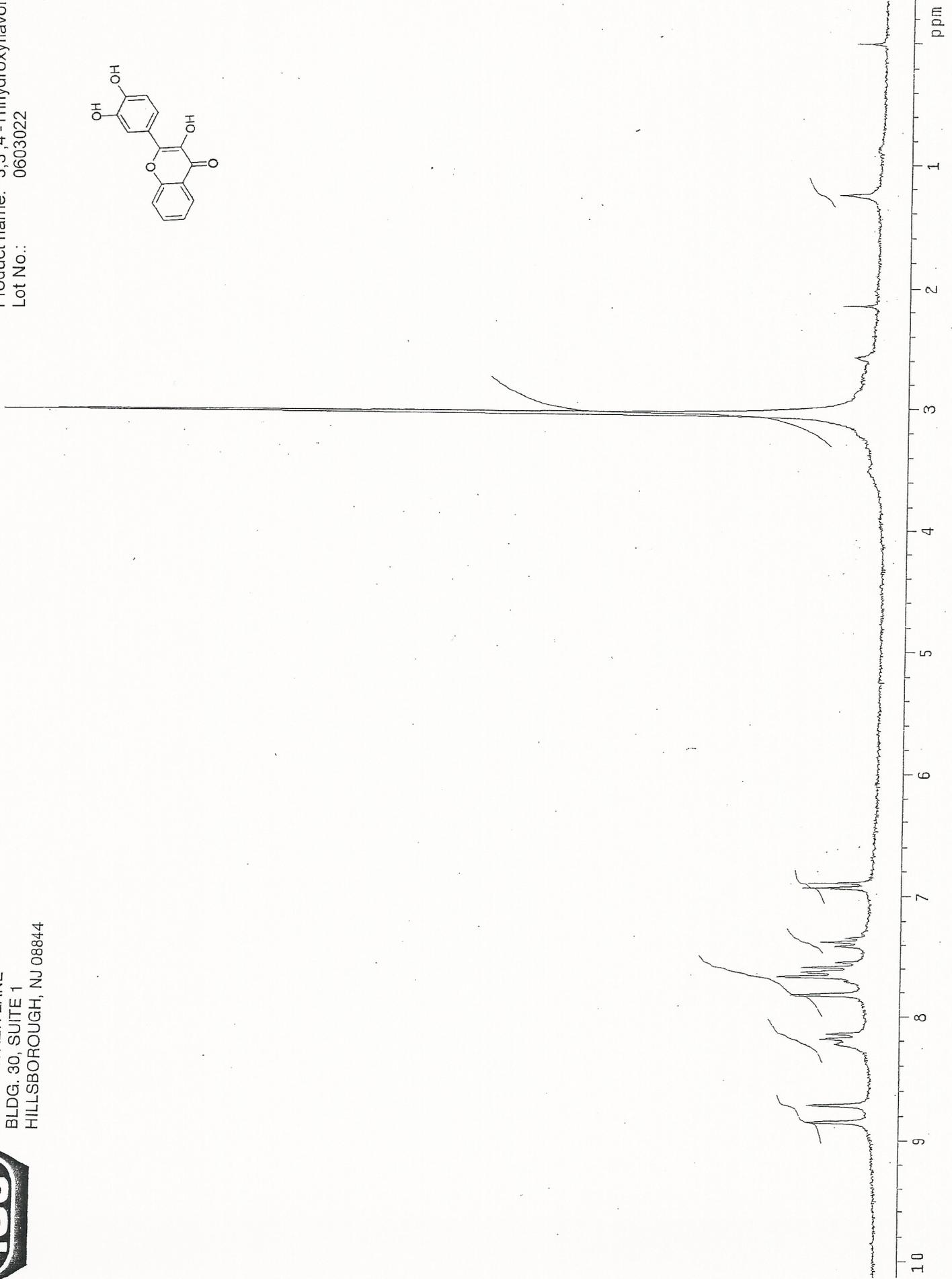
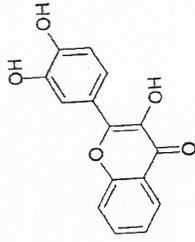


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HILLSBOROUGH, NJ 08844

Catalog no.: T-601

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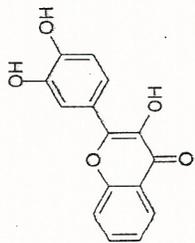
Lot No.: 0603022



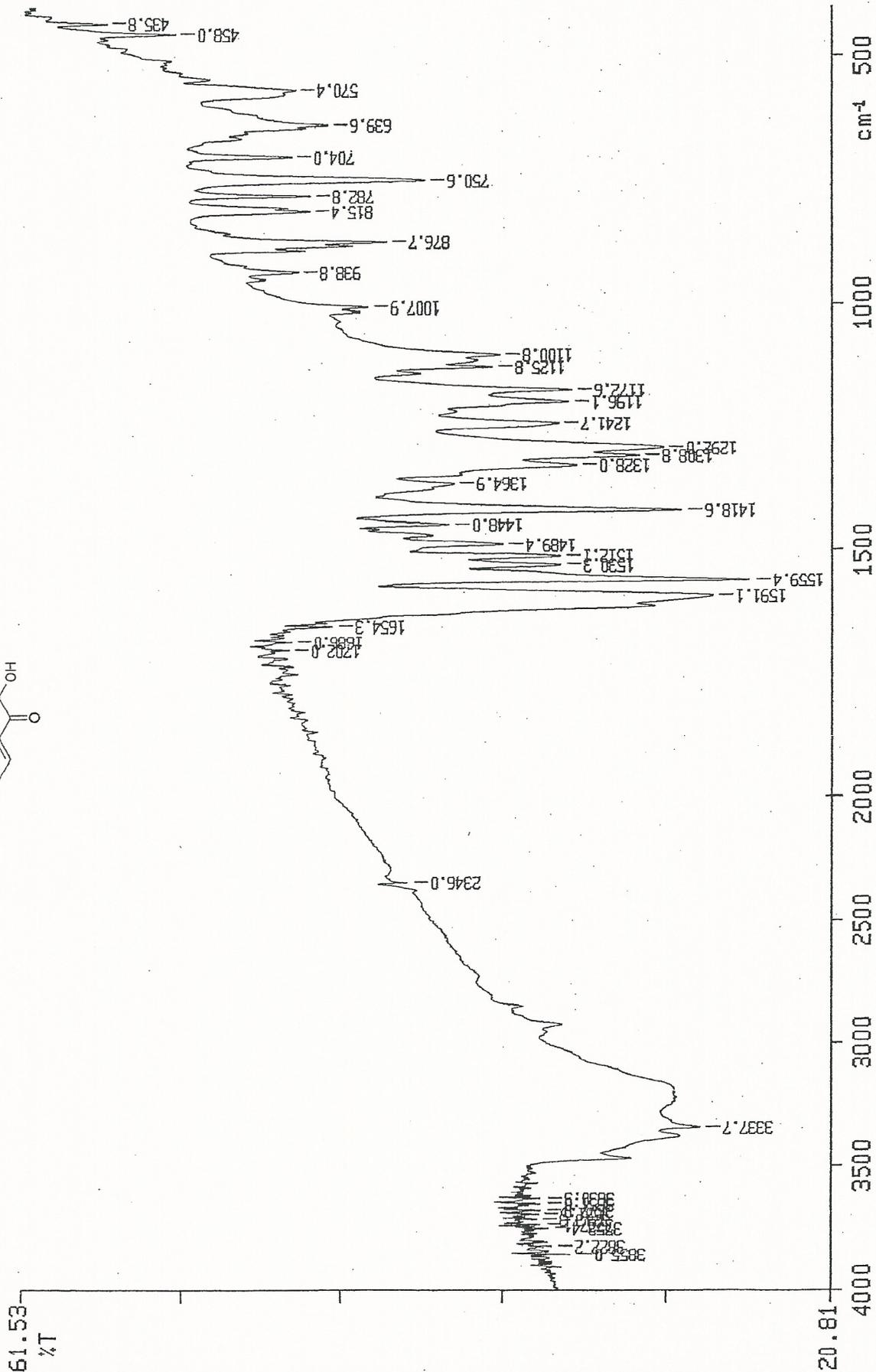


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PERKIN ELMER



X: 1 scan, 4.0cm-1