



# 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

Catalog Number: 22-393

Product Name: **6,7,3',4'-TETRAHYDROXYFLAVONE**

Lot Number: 0607071

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>

Molecular Weight: 286.25

Melting Point: >300°C

Appearance: Yellow fluffy powder

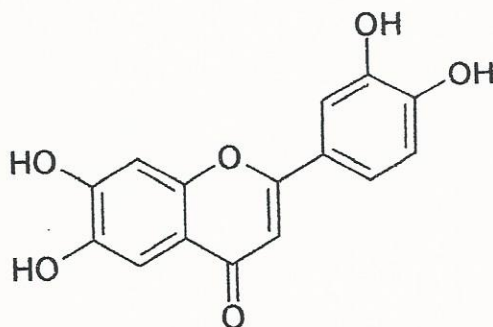
Solubility: Soluble in DMF

NMR Spectrum: Enclosed (conforms to the structure)

IR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99.7%





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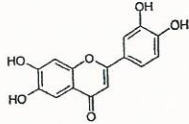
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## HPLC ANALYSIS



Catalog No.: 22-393

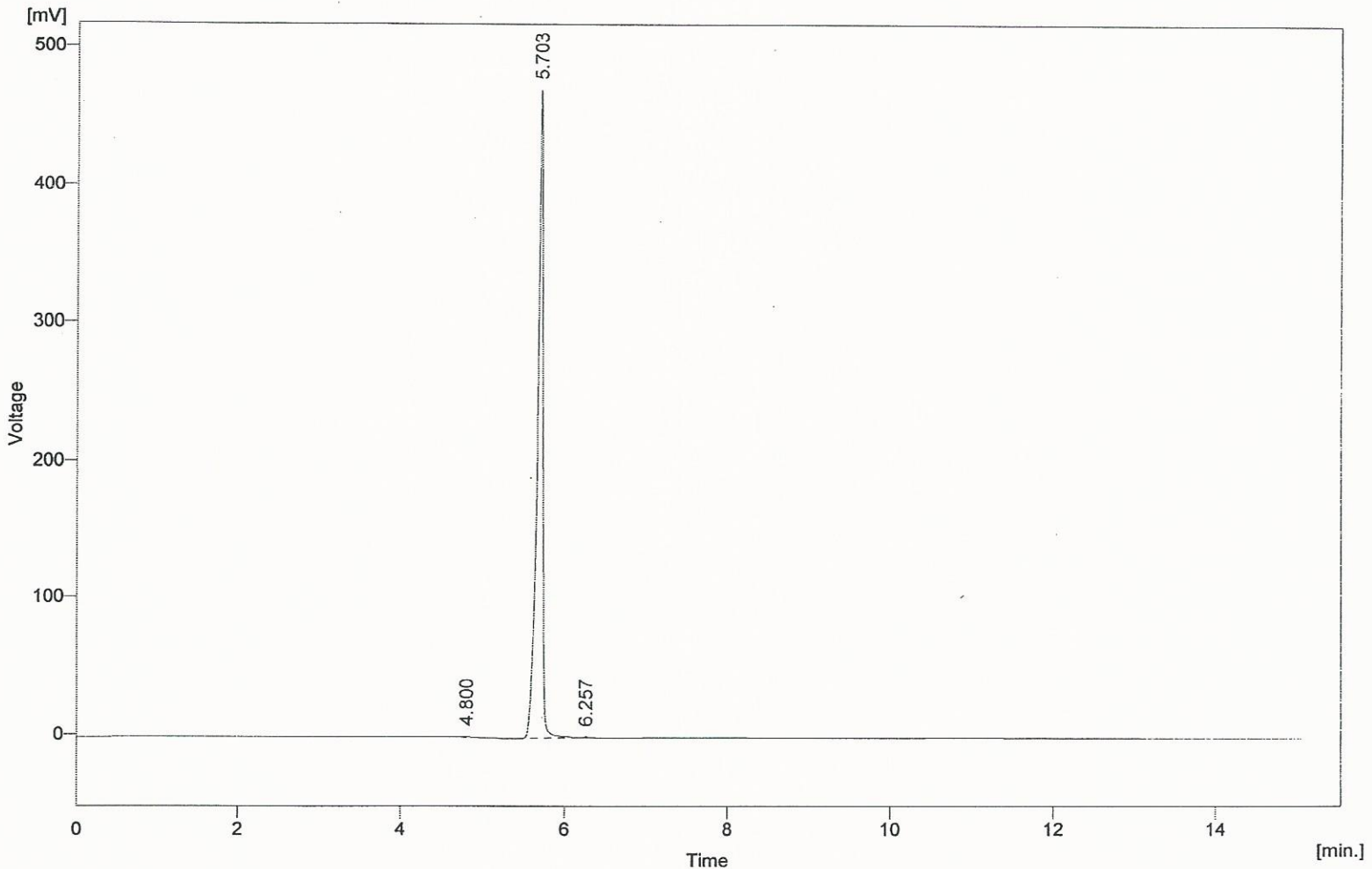
Product Name: 6,7,3',4'-Tetrahydroxyflavone

Lot No.: 0607071

Sample Info:

Sample ID : 22-393  
Sample : 6,7,3',4'-TETRA HYDROXY FLAVONE  
Inj. Volume [ml] : 0

Amount : 0  
ISTD Amount : 0  
Dilution : 1



Result Table (Uncal - E:HPLCWP-030053)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	4.800	3.425	0.798	0.2
2	5.703	2165.107	472.075	99.7
3	6.257	2.666	0.802	0.1
	Total	2171.198	473.675	100.0

Mobile phase :Methanol: water (80+20), Wave Length :254 nm,  
Column : C<sub>18</sub>(250x4.6mm), Flow rate : 1.0ml/min

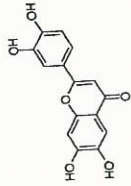


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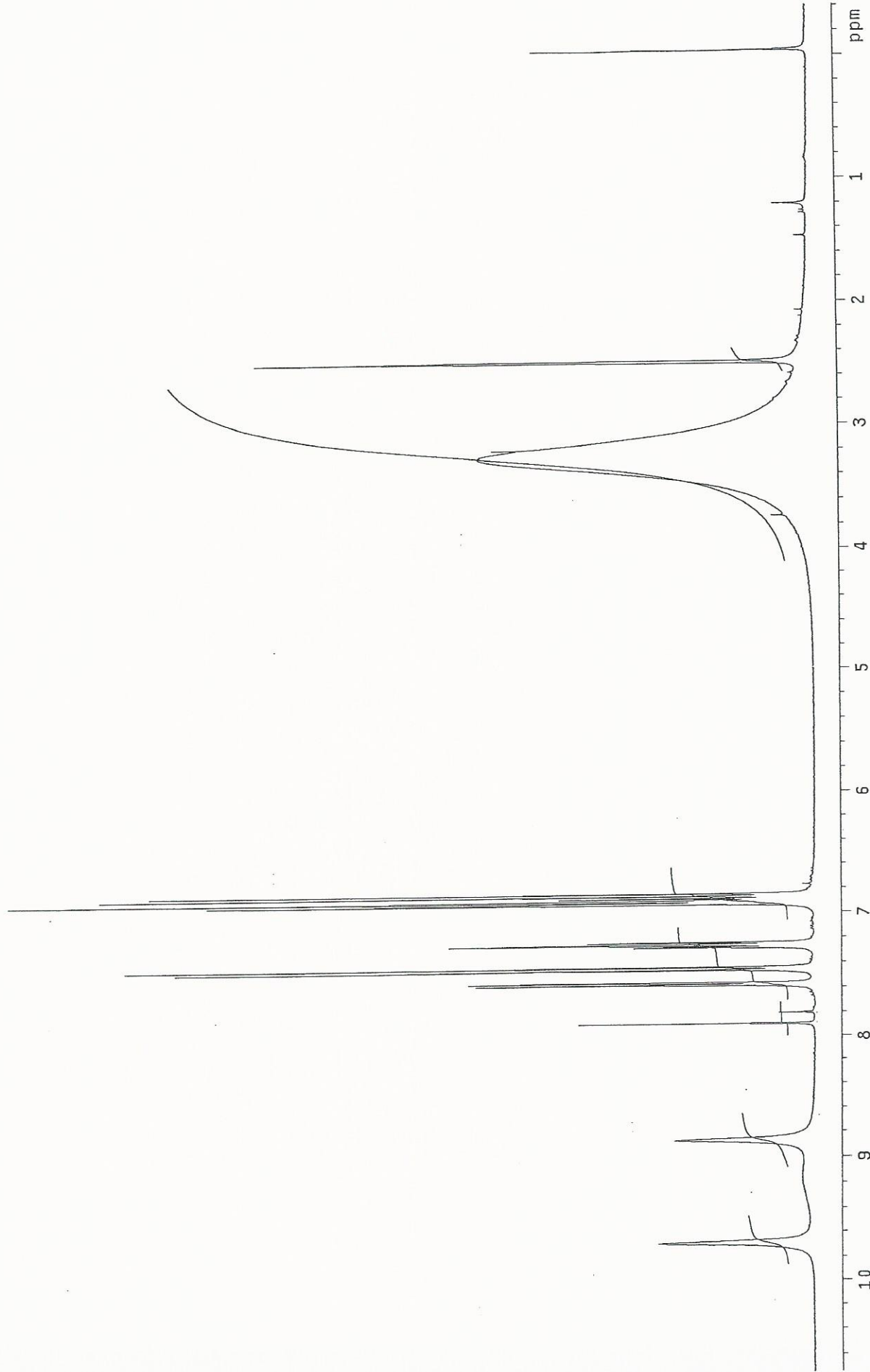
Product Name: 6,7,3',4'-Tetrahydroxyflavone

Lot No.: 0607071



R-13645-y-1H-DMSO

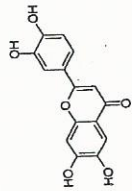
Pulse Sequence: s2pu1



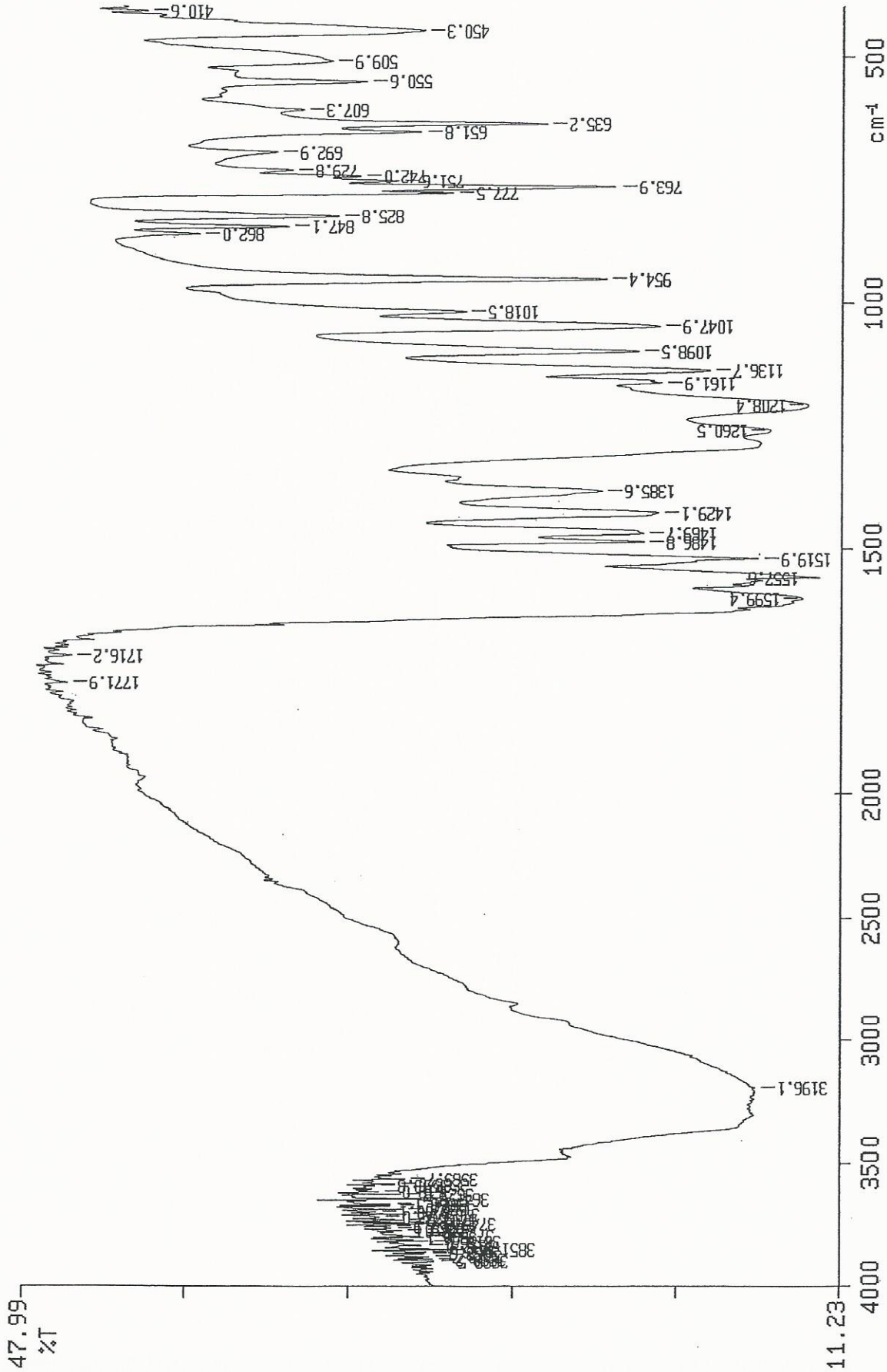


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PERKIN ELMER



Y: 1 scan, 4.0cm-1  
 6,7,3',4'-TETRA HYDROXY FLAVONE