



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

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CERTIFICATE OF ANALYSIS

Cat No.: 22-387

Product: **3,6,2',4',5'-PENTAHYDROXYFLAVONE**

Lot Number: 0604040

Chemical Formula: $C_{15}H_{10}O_7$

Molecular Weight: 302.24

Melting Point: $>300^{\circ}C$

Appearance: Light green powder

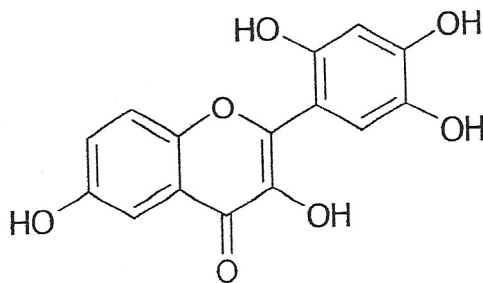
Solubility: Soluble in DMF

NMR Spectrum: Enclosed

IR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.1%





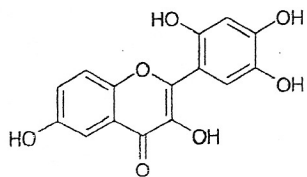
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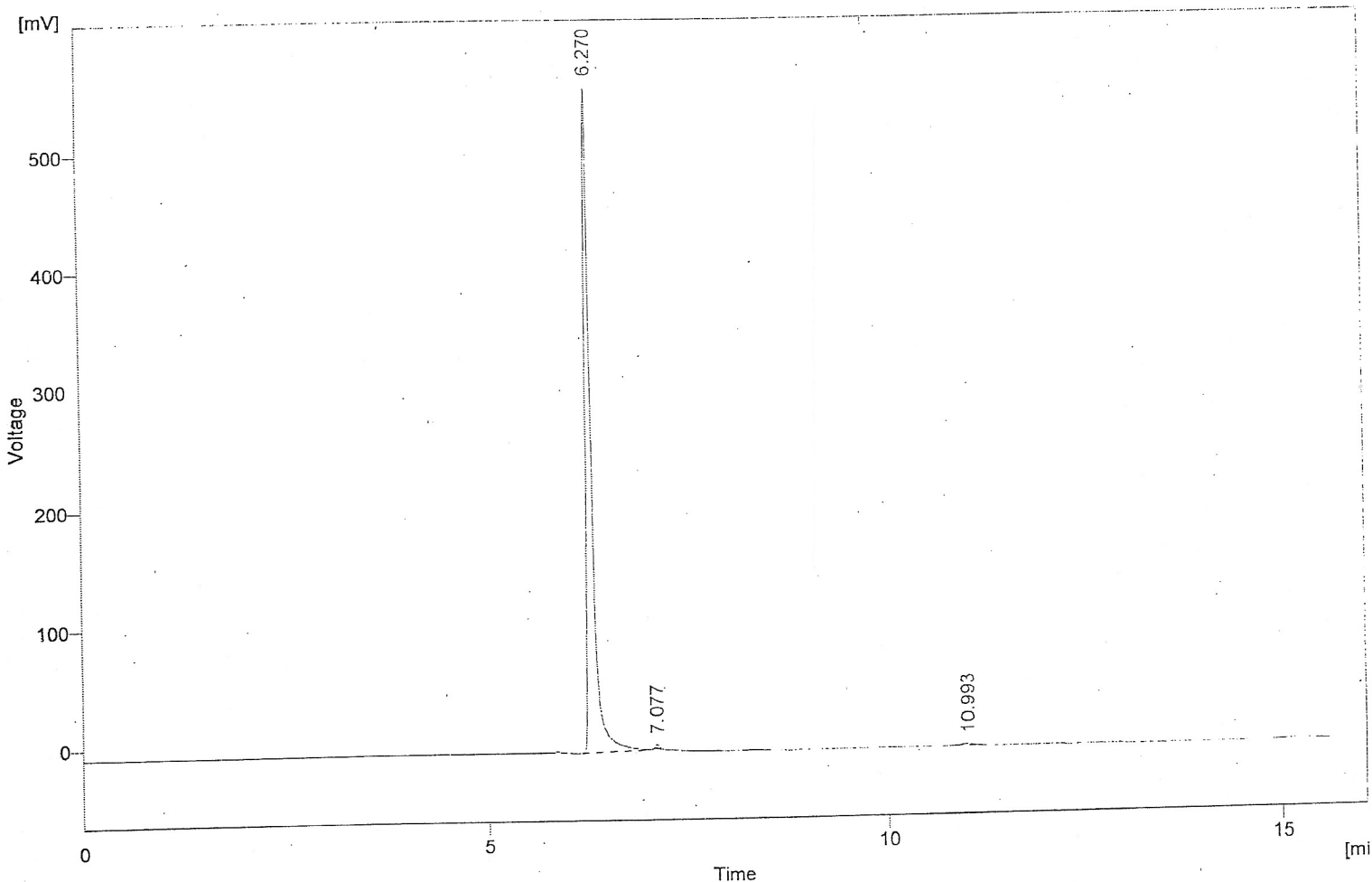


HPLC ANALYSIS

Catalog no.: 22-387
Product name: 3,6,2',4',5'-Pentahydroxyflavone
Lot No.: 0604040

Sample Info:
Sample ID : NP-013
Sample : 3,6,2',4',5'-PENTA HYDROXY FLAVONE
Inj. Volume [ml] : 0

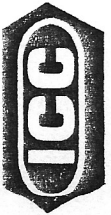
Amount : 0
ISTD Amount : 0
Dilution : 1



Result Table (Uncal - E:\HPLC\NP-0132)

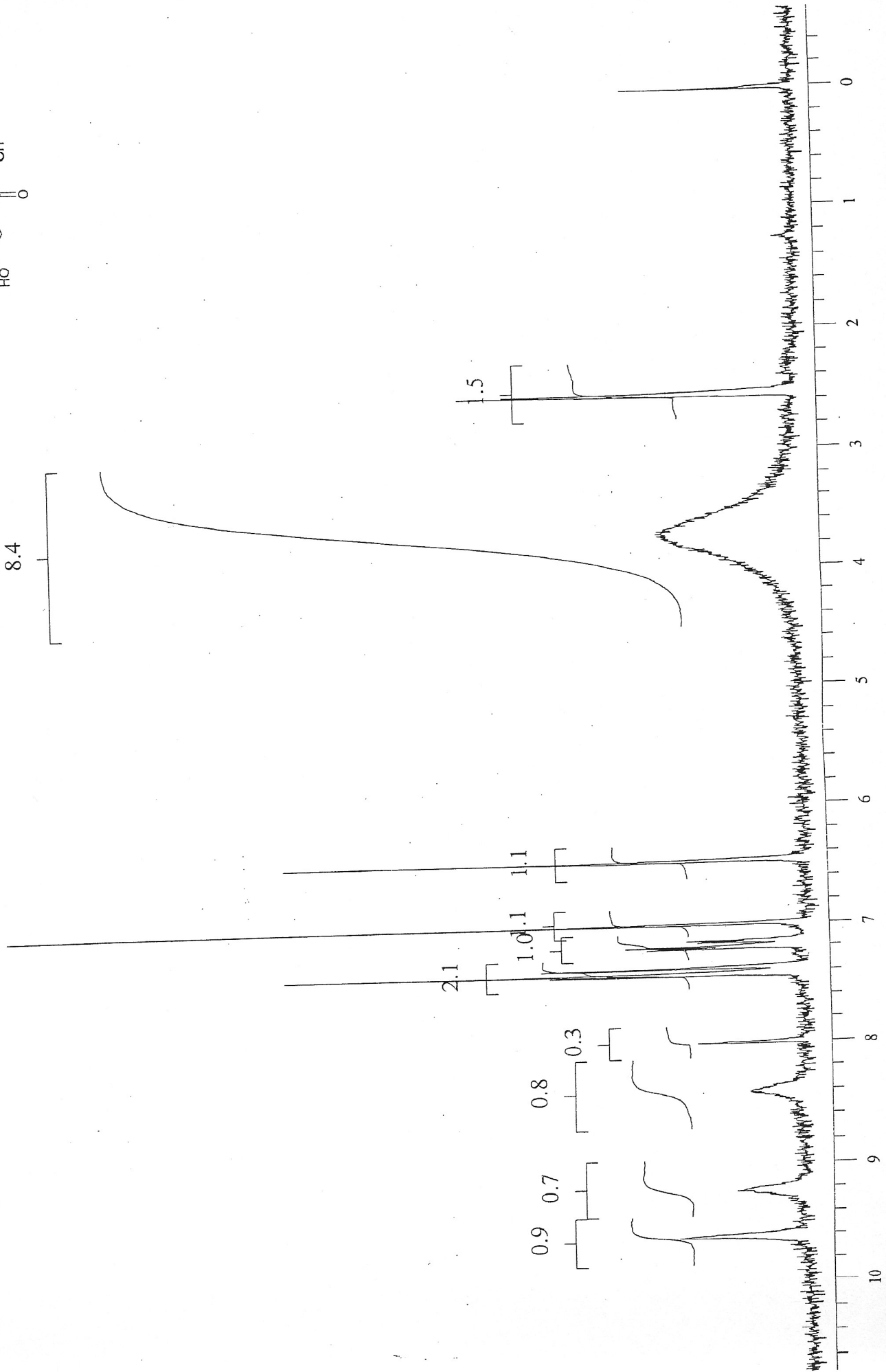
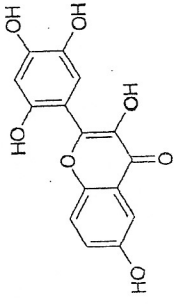
| | Reten. Time [min] | Area [mV.s] | Height [mV] | Area [%] |
|---|-------------------|-------------|-------------|----------|
| 1 | 6.270 | 2681.333 | 560.289 | 99.1 |
| 2 | 7.077 | 10.861 | 3.291 | 0.4 |
| 3 | 10.993 | 14.168 | 1.258 | 0.5 |
| | Total | 2706.362 | 564.838 | 100.0 |

MOBILE PHASE : WATER +ACETONITRILE (20:80), COLUMN : C₁₈(250cmx4.6mm),
WAVE LENGTH :254 nm, FLOW RATE 1.0ml/min



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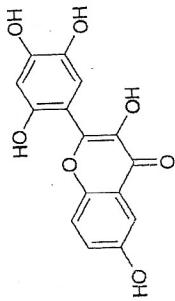
Catalog no.: 22-387
Product name: 3,6,2',4',5',5'-Pentahydroxyflavone
Lot No.: 0604040



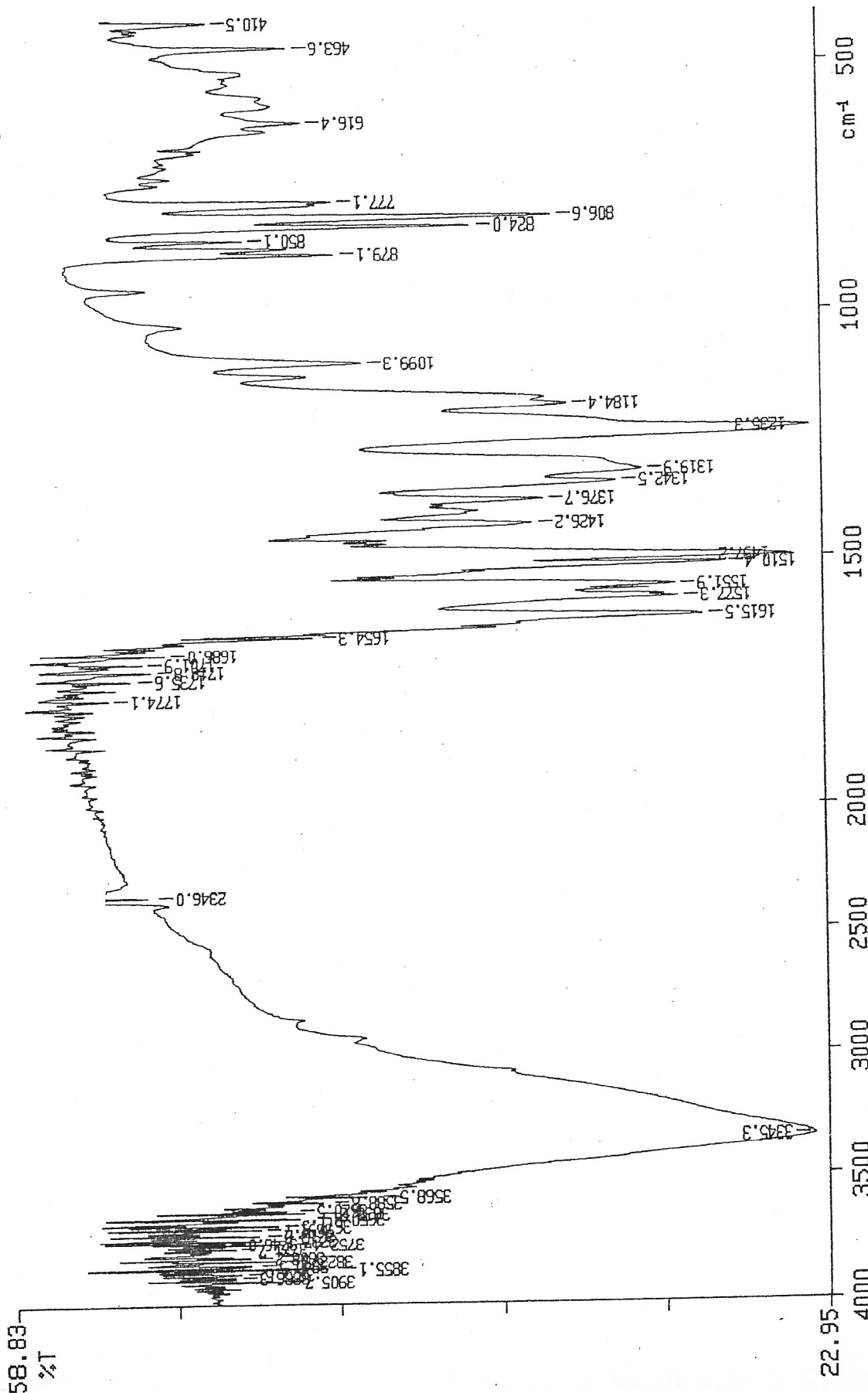


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PERKIN ELMER



Y: 1 scan, 4.0cm-1