



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

Catalog Number: D-258

Product: **3',4'-DIHYDROXYFLAVONE**
(4-Hydroxyflavonol)

Cas Number: [4143-64-0]

Lot Number: 0604032

Chemical Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

Melting Point: 251.5-253°C

Appearance: Light yellow powder

Solubility: Soluble in DMSO

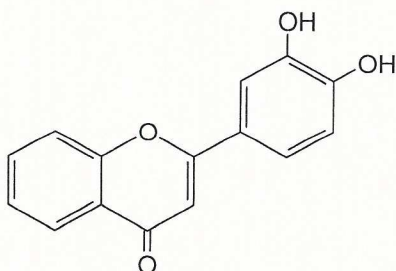
TLC: Chloroform:methanol (9:1)

NMR Spectrum: Enclosed

IR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99+%





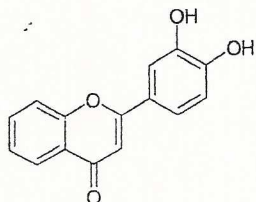
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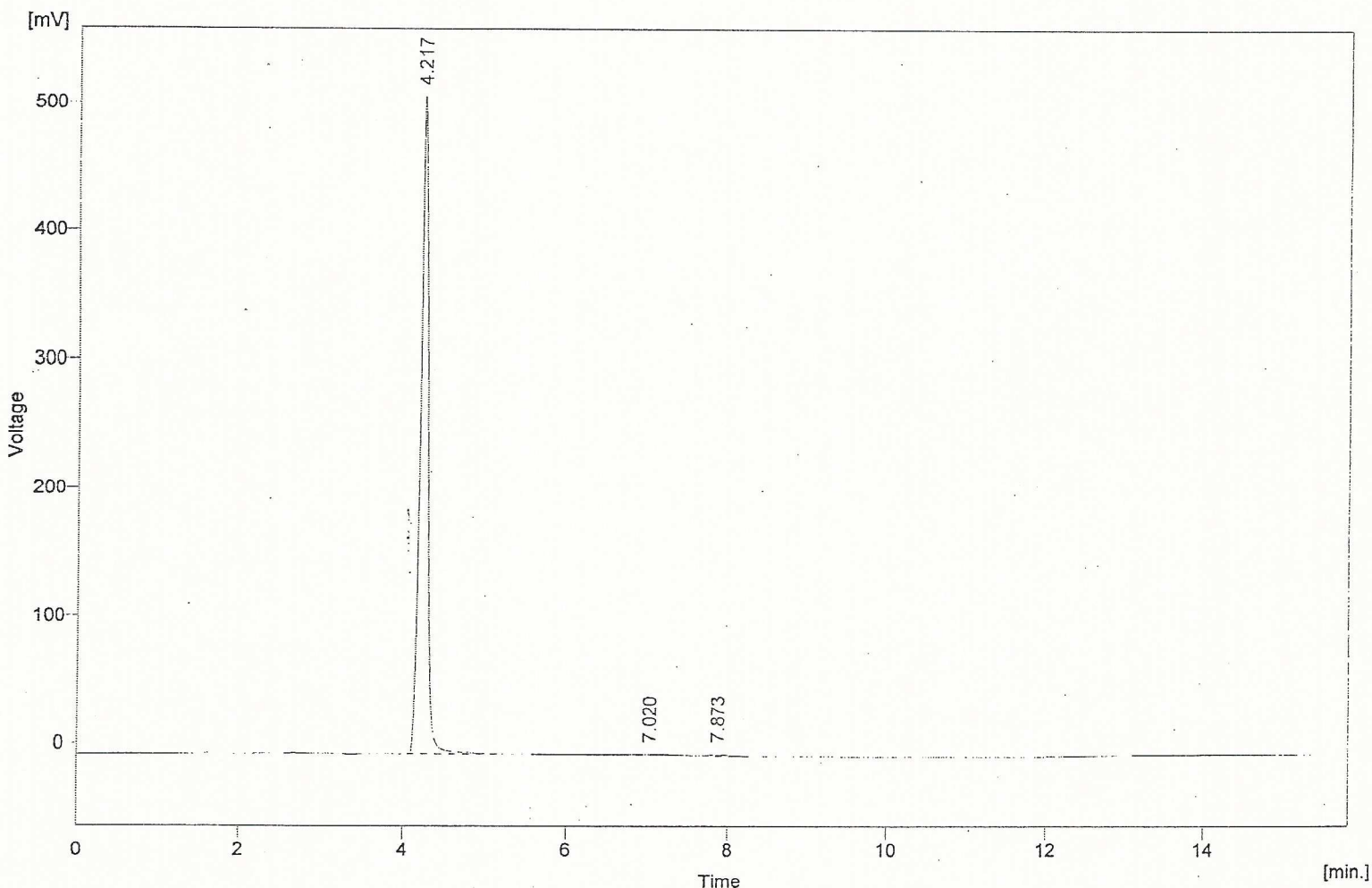
HPLC ANALYSIS

Catalog No.: D-258
Product Name: 3',4'-Dihydroxyflavone
Lot No.: 0604032

Sample Info:

Sample ID : NP-015
Sample : 3',4'- DI HYDROXY FLAVONE
Inj. Volume [ml] : 0

Amount : 0
ISTD Amount : 0
Dilution : 1



Result Table (Uncal - E:\HPLCNP-0154)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	4.217	3374.572	514.486	99.3
2	7.020	5.640	0.309	0.2
3	7.873	18.102	1.407	0.5
	Total	3398.314	516.202	100.0

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

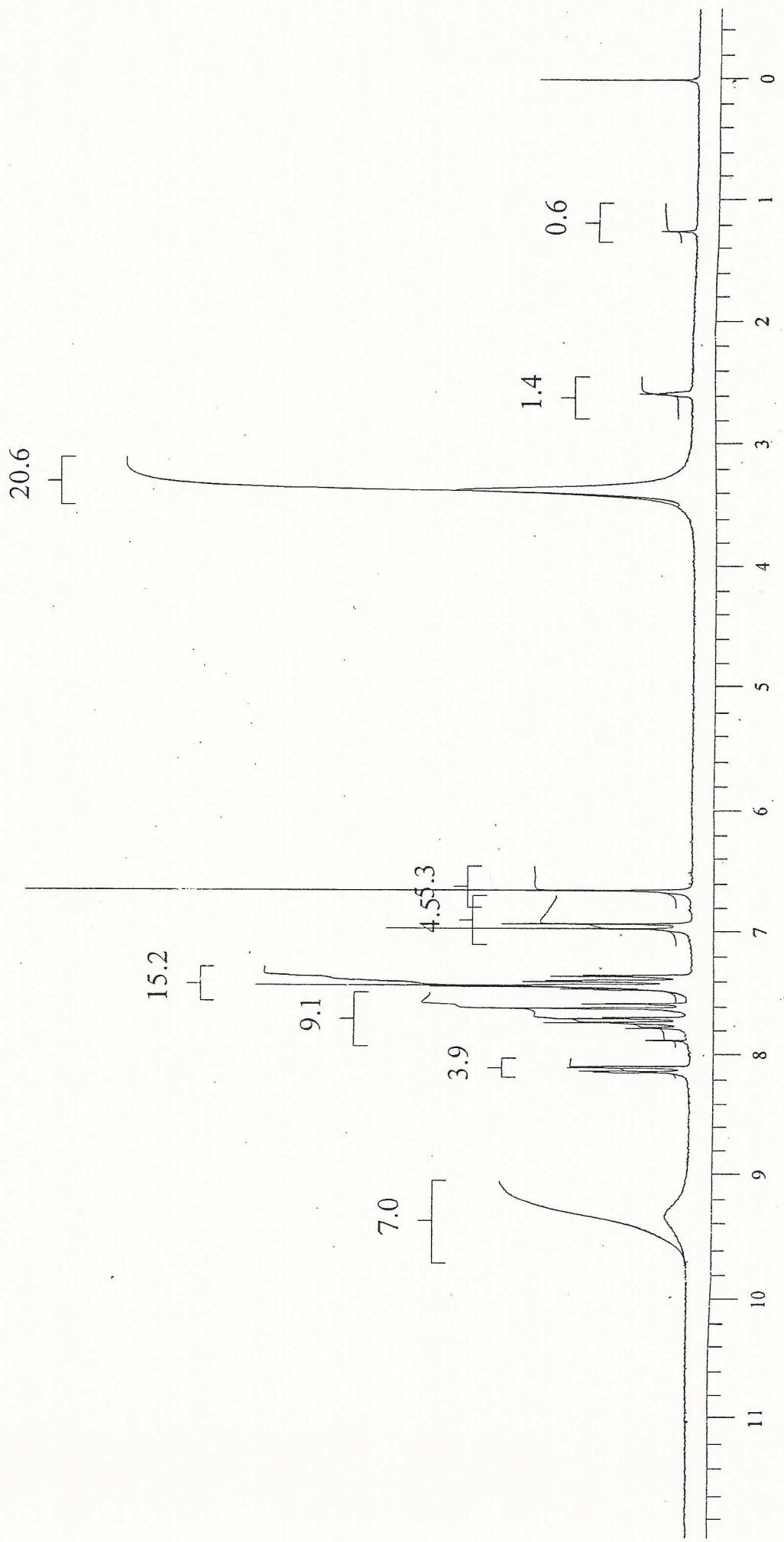
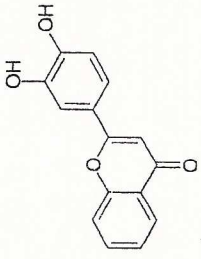


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: D-258

Product Name: 3',4'-Dihydroxyflavone

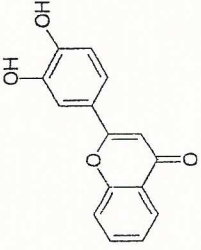
Lot No.: 0604032



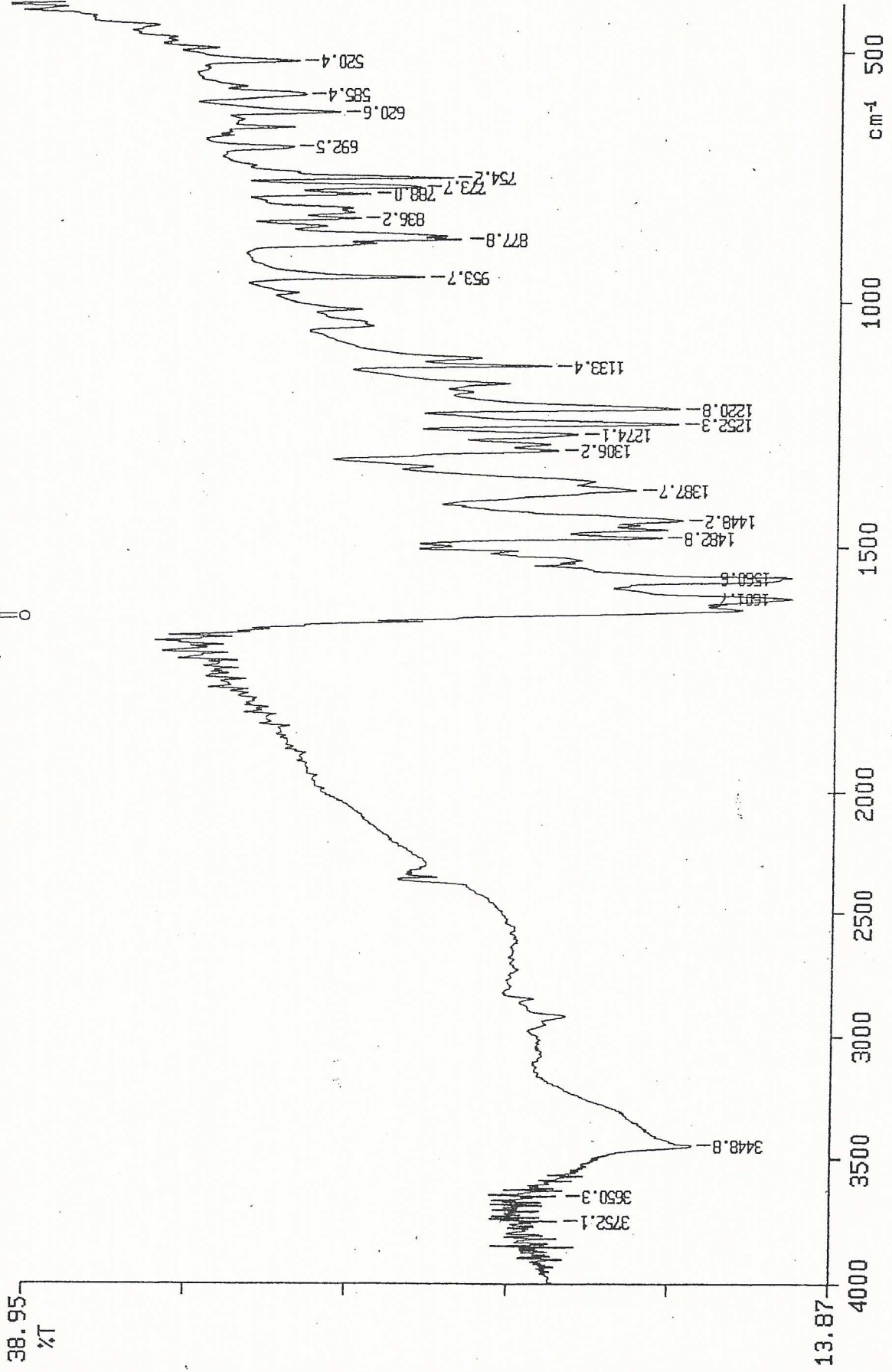


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PERKIN ELMER



X: 1 scan, 4.0cm-1