



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-115

Product Name: **5,4'-DIHYDROXY-7-METHOXYFLAVONE**
(Genkwanin; 7-Methoxyapigenin)

CAS Number: [437-64-9]

Lot Number: 0606056

Chemical Formula: C₁₆H₁₂O₅

Molecular Weight: 284.27

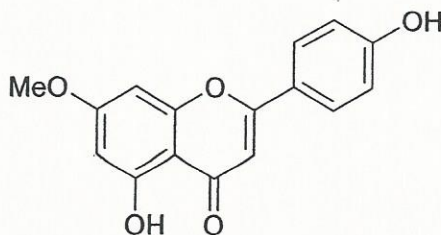
Melting Point: 288-290°C

Appearance: Light yellow fluffy powder

Solubility: Soluble in DMF

Storage: Store in a cool, dry place

Purity(HPLC): 98+%





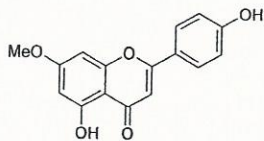
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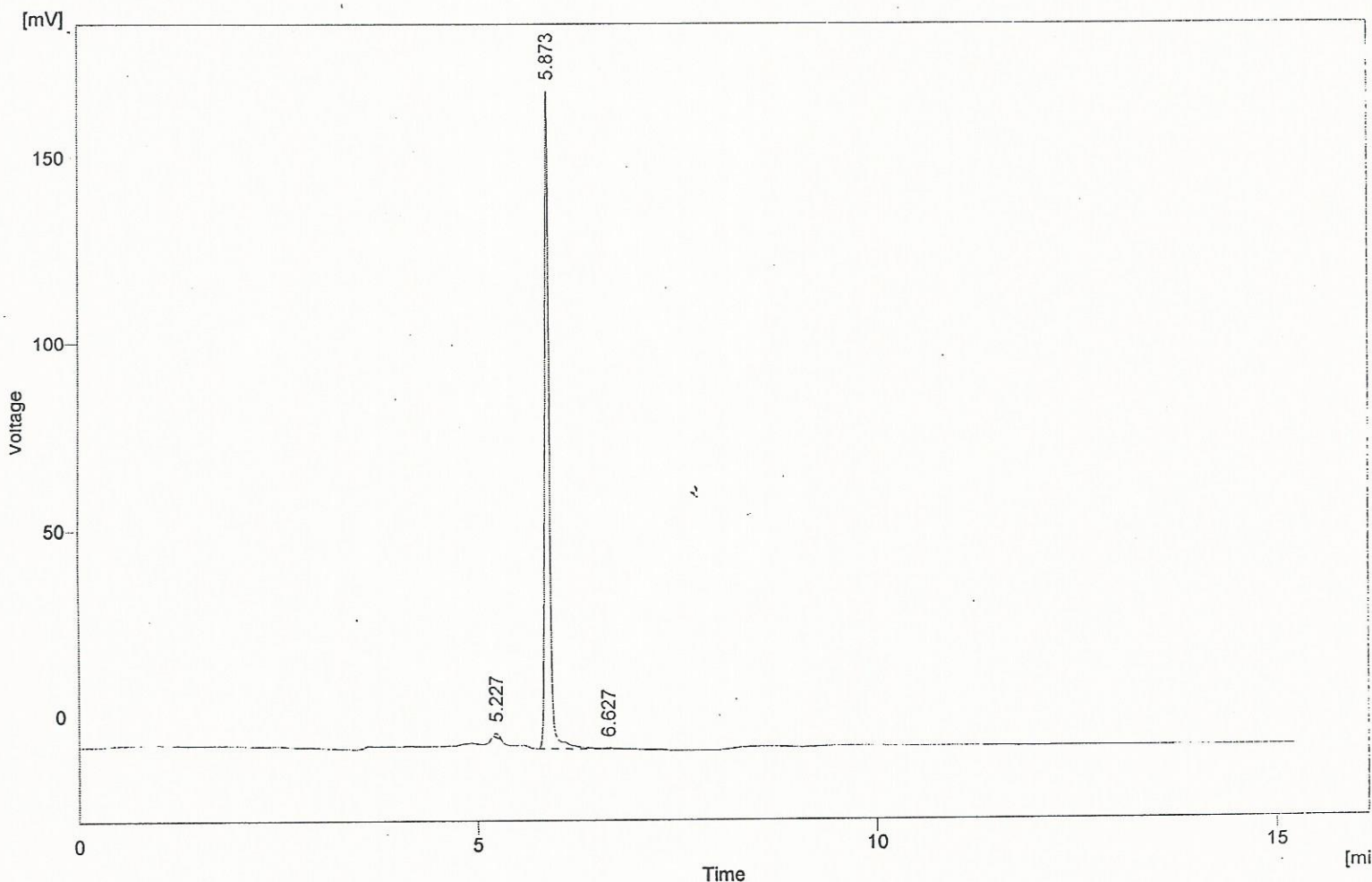
HPLC ANALYSIS

Catalog No.: D-115
Product Name: 5,4'-Dihydroxy-7-methoxyflavone
Lot No.: 0606056

Sample Info:

Sample ID : NP-003
Sample : 4',5-HYDROXY-7-METHOXY FLAVAONE
Inj. Volume [ml] : 0

Amount : 0
ISTD Amount : 0
Dilution : 1



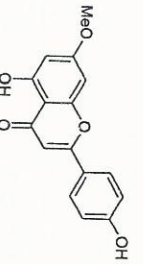
Result Table (Uncal - E:\HPLCWP-060031)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	5.227	4.843	1.156	0.7
2	5.873	676.594	176.395	99.0
3	6.627	1.995	0.425	0.3
	Total	683.432	177.976	100.0

Mobile phase :Methanol: water (80+20), Wave Length :254 nm,
Column : C₁₈(250x4.6mm), Flow rate : 1.0ml/min

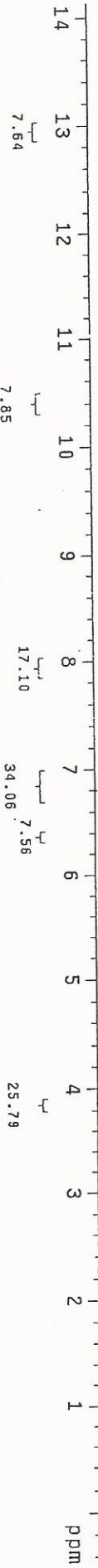


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844



Catalog No.: D-1115
Product Name: 5,4'-Dihydroxy-7-methoxyflavone
Lot No.: 0606056

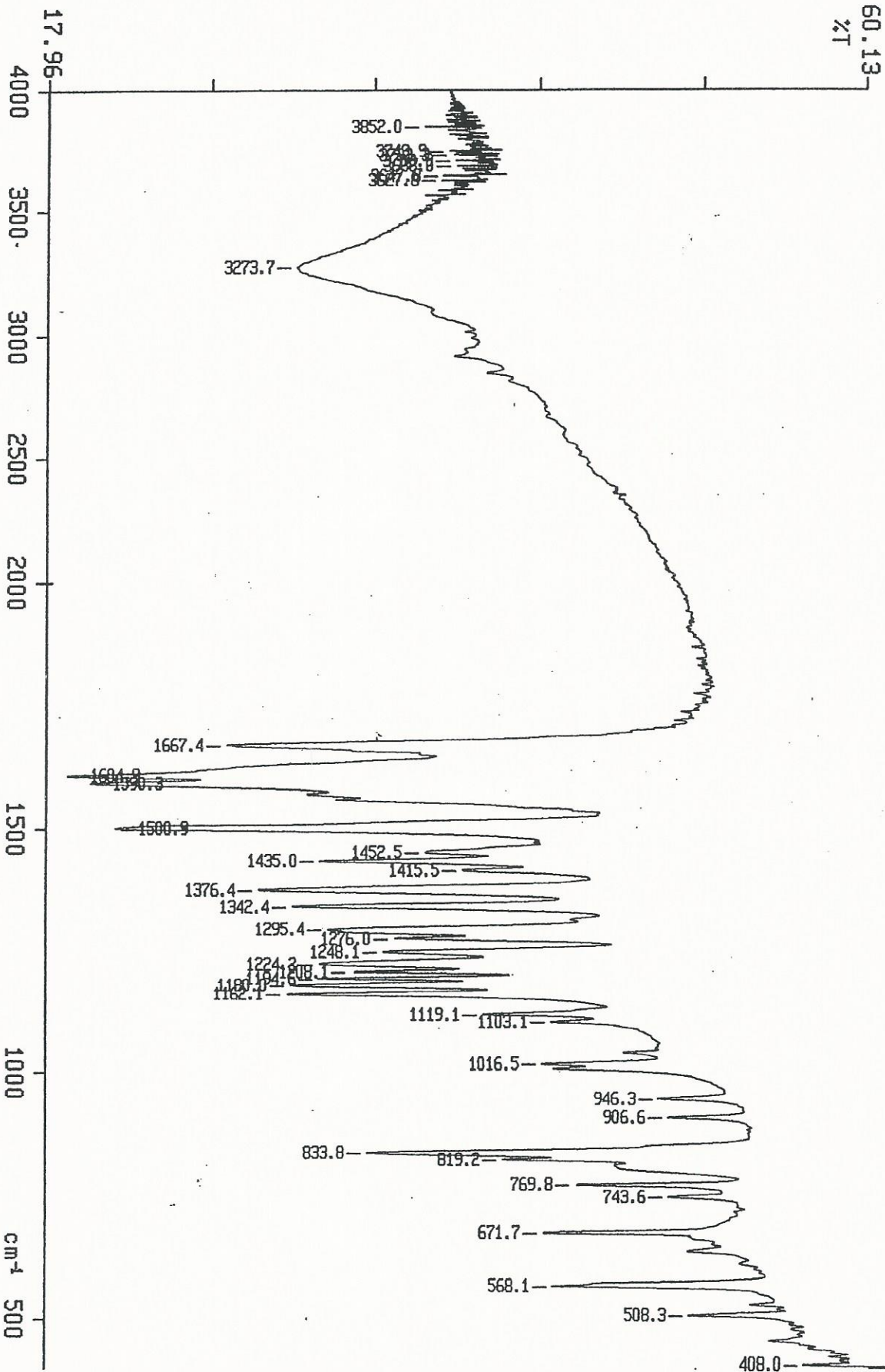
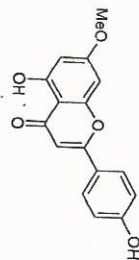
H1 DMSO-D6
SLS, 14-06-2006
Pulse Sequence: s2pu1





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PERKIN ELMER



X: 1 scan. 4.0cm-1

Catalog No.: D-115
Product Name: 5,4'-Dihydroxy-7-methoxyflavone
Lot No.: 0606056