



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

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: H-439

Product: **7-HYDROXY-5-METHYLFLAVONE**

CAS Number: [15235-99-1]

Lot Number: 7H5MF1188

Chemical Formula: C₁₆H₁₂O₃

Molecular Weight: 252.27

Melting Point: >300°C

Appearance: White powder

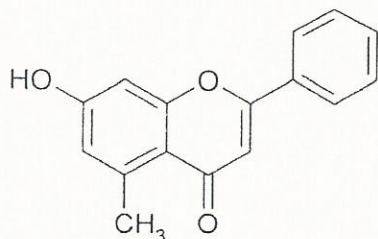
Solubility: Soluble in DMSO

TLC: n-Hexane : Ethyl acetate (1:1)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Cool dry place

Purity (HPLC): 99.76%





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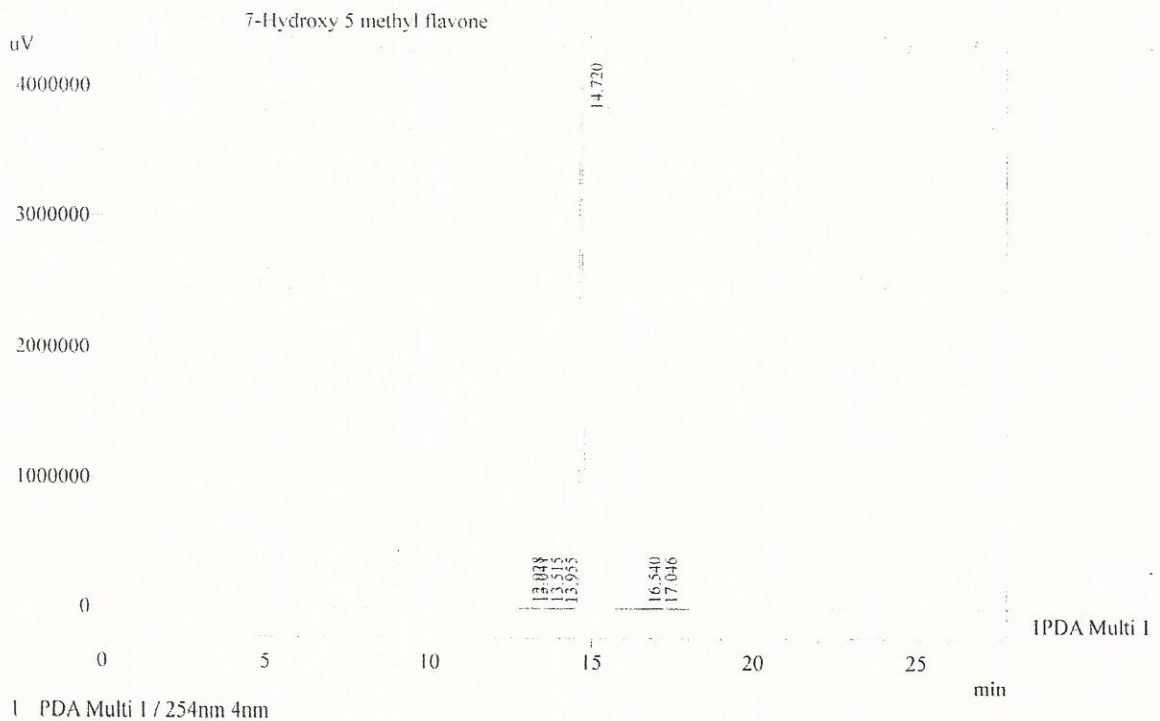
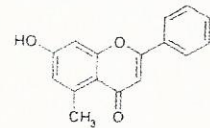
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HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 7-Hydroxy 5 methyl flavone
 Sample ID : Lot No7H5MF1188
 Injection Volume : 1 uL
 Data Filename : 1009161.lcd
 Method Filename : Linear Gradient.M.lcm
 Report Filename : Default.lcr

Catalog No.: H-439
 Product Name: 7-Hydroxy-5-methylflavone
 Lot No.: 7H5MF1188



1 PDA Multi 1 / 254nm 4nm

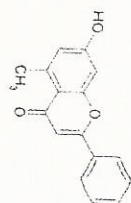
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.928	12.928	5276	0.01	0.00
2	RT:13.041	13.041	12385	0.03	0.00
3	RT:13.515	13.515	16286	0.05	0.00
4	RT:13.955	13.955	2967	0.01	0.00
5	RT:14.720	14.720	35995593	99.76	0.00
6	RT:16.540	16.540	26418	0.07	0.00
7	RT:17.046	17.046	22203	0.06	0.00
Total			36081129	100.00	



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

Catalog No.: H-439
Product Name: 7-Hydroxy-5-methylflavone
Lot No.: 7H5MF1188



SOLVENT DMSO
NS 16
DS 2
SMH 12735.526 Hz
FICRES 0.333357 Hz
AQ 1.4999455 sec
RG 36
CW 40.533 usec
DE 6.50 usec
TE 298.2 K
SI 1.00000000 sec
FID 1

***** CHANNEL F1 *****
NUC1 1H
F1 7.50 usec
FL1 2.60 dB
PL1W 6.63581448 M
SEF1 600.3337073 MHz
SI 32768
SE 600.3300115 MHz
XDW EM
SSB 0
LB 0.30 Hz
GB 0
FC 1.00



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