



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: D-008

Product Name: **7,8-DIHYDROXYFLAVONE**

CAS Number: [38183-03-8]

Lot Number: 1408486

Chemical Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

Melting Point: 244-246°C

Appearance: Pale yellow powder

Solubility: Soluble in DMF

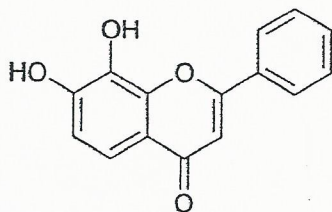
TLC: Chloroform:Methanol (9:1)

Moisture(KF): 0.54%

NMR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99.47%





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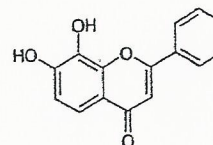
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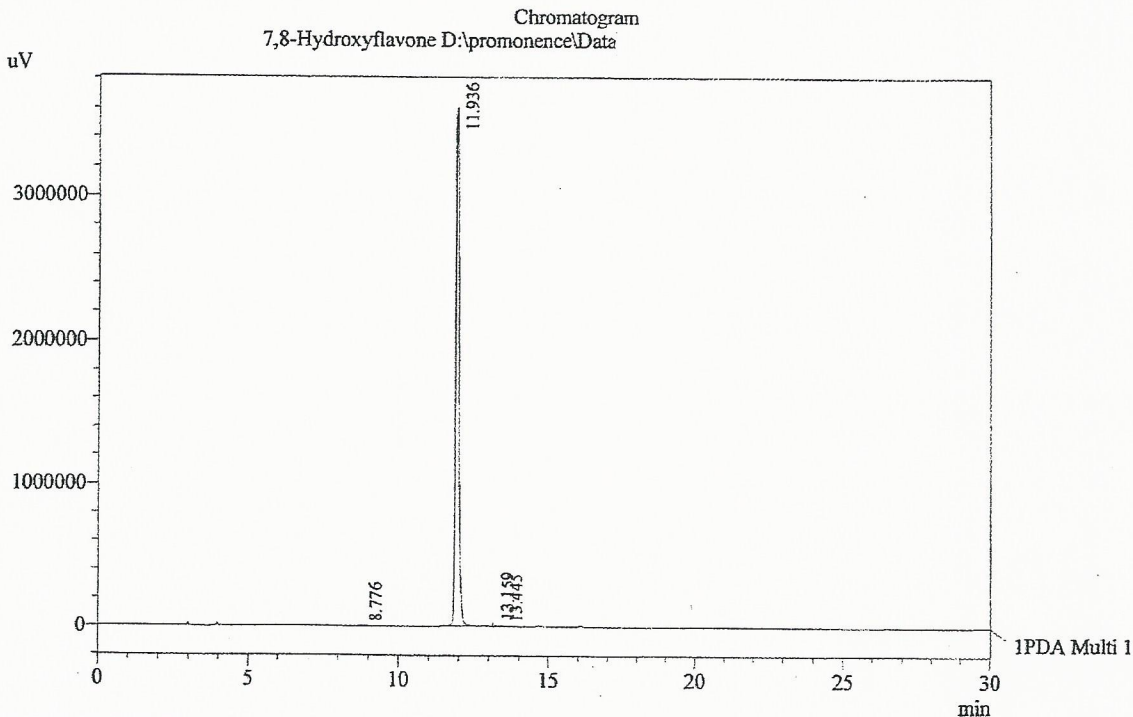
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 7,8-Hydroxyflavone
Sample ID : 650gms Lot
Injection Volume : 20 uL
Data Filename : 270714C.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: D-008
Product Name: 7,8-Dihydroxyflavone
Lot No.: 1408486



Column : Gemini-C18 (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10
Diluent : Methanol



1 PDA Multi 1 / 254nm 4nm

PeakTable

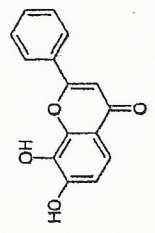
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.776	8.776	24902	0.08	0.74
2	7,8-Hydroxyflavone	11.936	29390037	99.47	1.00
3	RT:13.159	13.159	109282	0.37	1.10
4	RT:13.445	13.445	23436	0.08	1.13
Total			29547658	100.00	

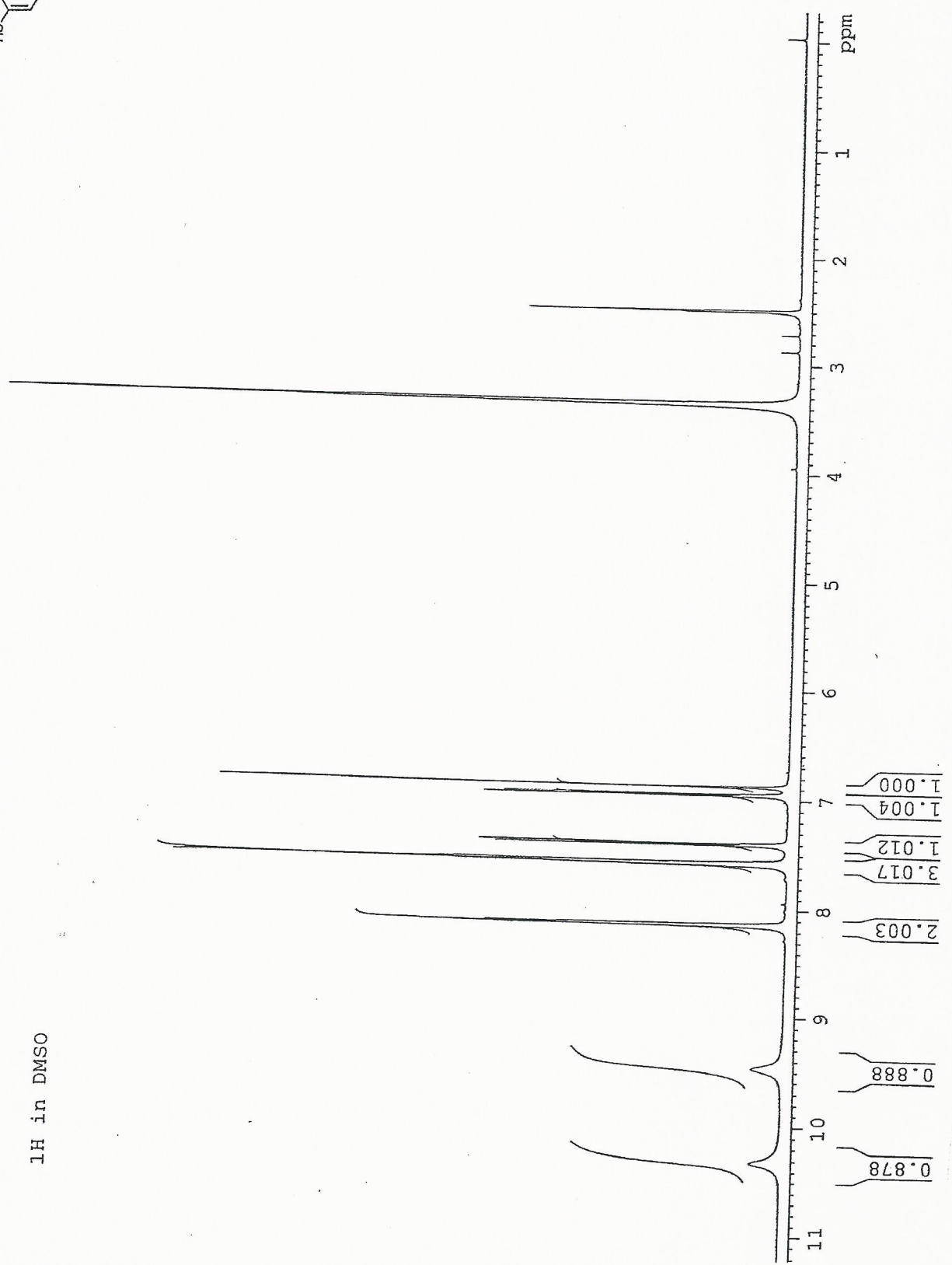


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Lot No.: 1408486



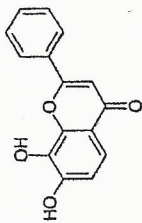
¹H in DMSO





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BLDG. 80, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: D-008
Product Name: 7,8-Dihydroxyflavone
Lot No.: 1408486



¹H in DMSO

8.145
8.136
8.132

7.573
7.571
7.562

7.410
7.396

6.961
6.947

6.878

