



# 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

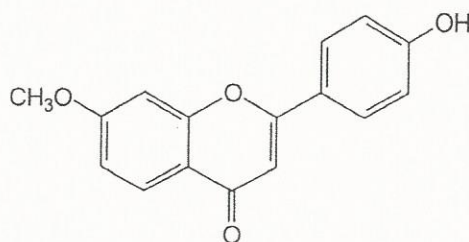
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Cat. No.: M-403

<u>Product:</u>	4'-HYDROXY-7-METHOXYFLAVONE
<u>Lot No.:</u>	000445
<u>Molecular Formula:</u>	C <sub>16</sub> H <sub>12</sub> O <sub>4</sub>
<u>Molecular Weight:</u>	268.27
<u>Melting Point:</u>	257-260°C
<u>Appearance:</u>	Dark yellow powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	Hexane:Ethyl acetate (1:1)
<u>Purity(HPLC):</u>	95.23%





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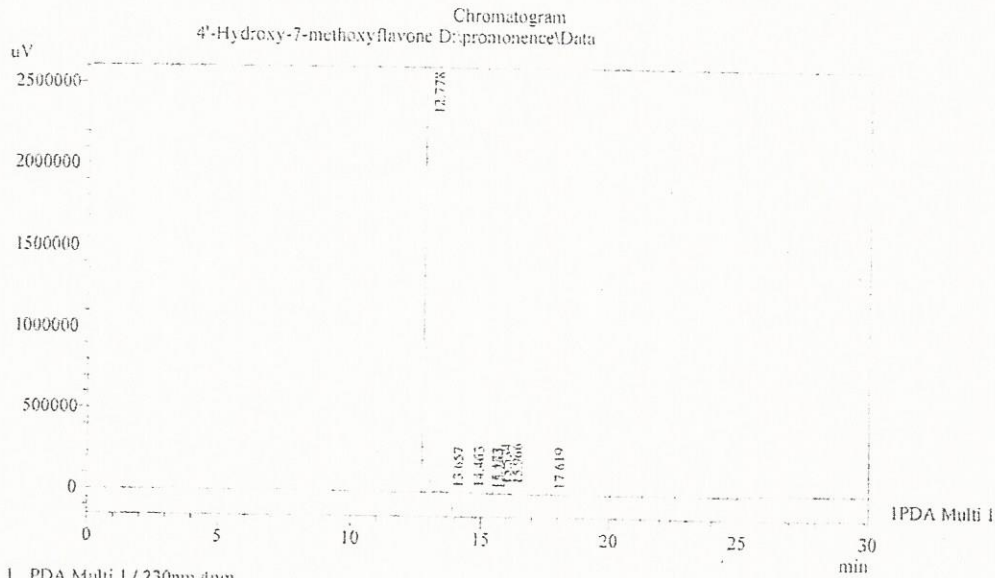
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Sanjeev  
 Sample Name : 4'-Hydroxy-7-methoxyflavone  
 Sample ID : Lot No:-000445  
 Injection Volume : 20 uL  
 Data Filename : 130212G.fid  
 Method Filename : Linear Gradient.M1.m

Catalog No.: M-403  
 Product name: 4'-Hydroxy-7-methoxyflavone  
 Lot No.: 000445

Column : LUNA C-18(2), (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  
 25.0 90 10  
 30.0 90 10



I PDA Multi I / 230nm 4nm

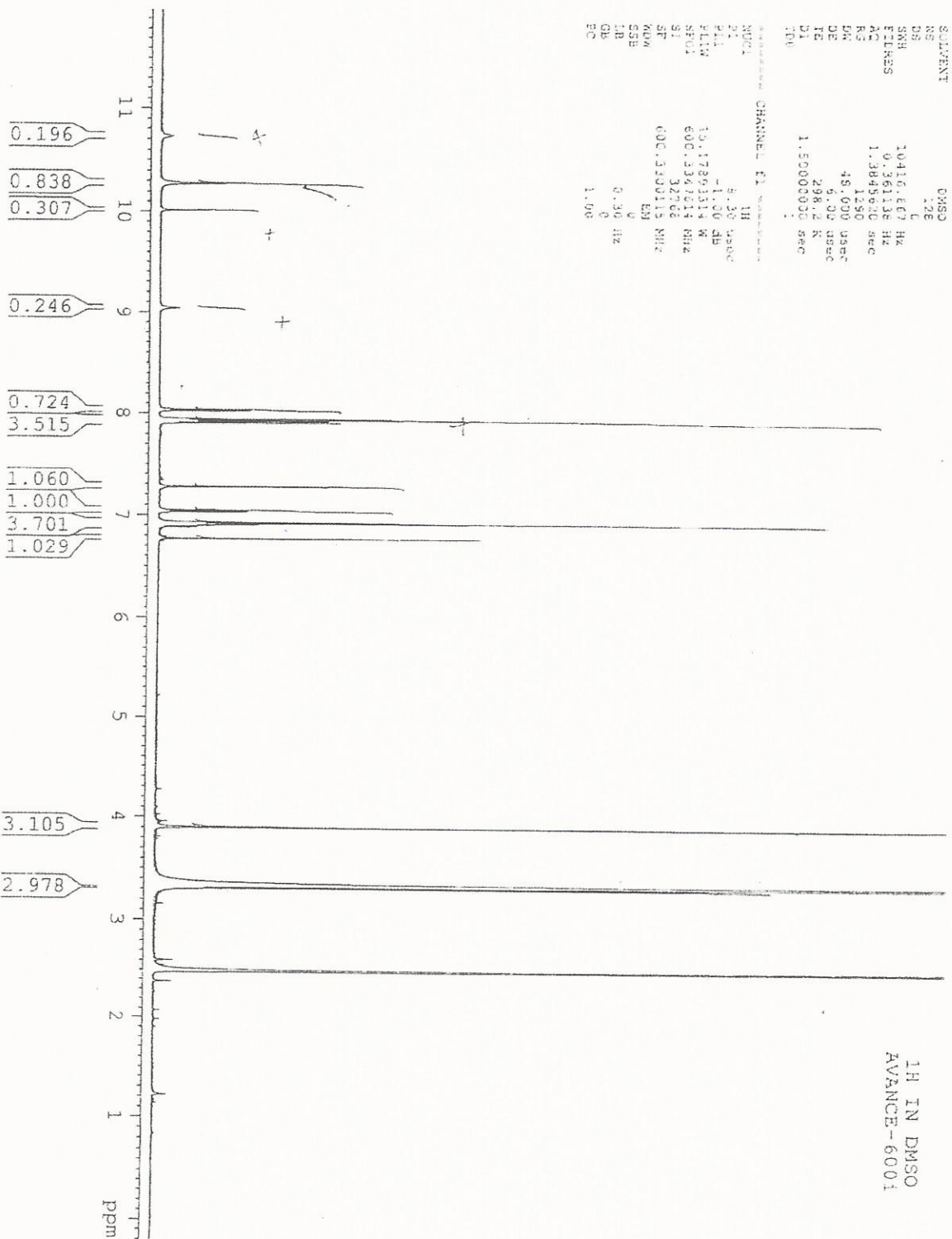
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.778	12.778	15224590	95.23	1.00
2	RT:13.657	13.657	12894	0.08	1.07
3	RT:14.463	14.463	69798	0.44	1.13
4	RT:15.173	15.173	38391	0.24	1.19
5	RT:15.264	15.264	18101	0.11	1.19
6	RT:15.534	15.534	268135	1.68	1.22
7	RT:15.966	15.966	270824	1.69	1.25
8	RT:17.619	17.619	83921	0.52	1.38
Total			15986588	100.00	



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

Catalog No.: M-403  
Product name: 4-Hydroxy-7-methoxyflavone  
Lot No.: 000445





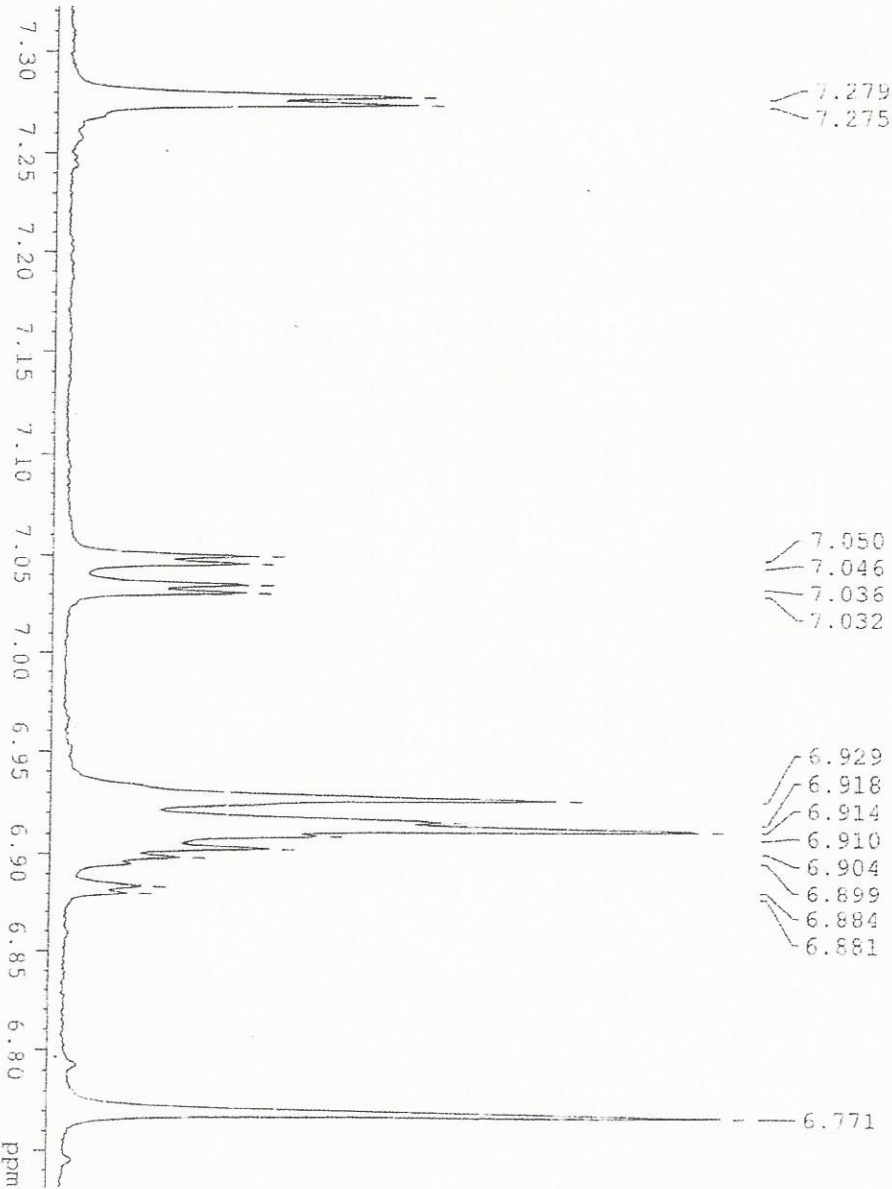
INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
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1H IN DMSO  
AVANCE-6001

SOLVENT DMSO  
NS 128  
DS 0  
P1 10416.667 Hz  
P2 0.561138 Hz  
P3 1.3845828 Hz  
K0 12.90  
K1 48.000 Hz  
K2 6.000 Hz  
K3 296.2 Hz  
K4 1.5000000 Hz  
K5 1

NAME CHANNEL F1  
F2 2.00 Hz  
F3 -1.00 Hz  
F4 19.1789114 Hz  
F5 600.1350114 Hz  
F6 32.768 Hz  
F7 600.1350115 MHz  
M1W EM  
M2S 0  
M3S 0  
M4S 0.40 Hz  
M5S C  
M6S 1.00





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Catalog No.: M-403  
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Lot No.: 000445

NO SOLVENT DMSO  
NS 128  
DS 9  
SWH 10416.607 Hz  
FIDREC 0.201138 Hz  
A2 1.3645530 sec  
PC 1290  
EM 40.100 uSec  
DE 6.00 uSec  
RE 248.2 X  
D1 1.50000000 sec  
T20 1

----- CHANNEL #1 -----  
SNO1 1H  
PI 3.30 uSec  
PL -1.00 dB  
PLM 15.1782314 W  
SP01 600.3247614 MHz  
SI 12758  
SP 600.3350112 MHz  
SNO 0  
SSE 6.30 Hz  
ID 0  
DE 0  
TE 1.00

1H IN DMSO  
AVANCE-6001

