



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

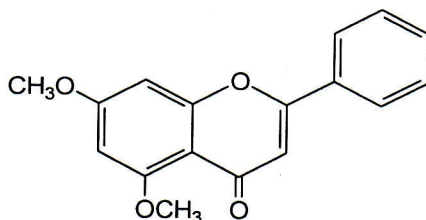
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 021010

<u>Product:</u>	5,7-DIMETHOXYFLAVONE (Methylated Chrysin; Chrysin dimethyl ether)
<u>CAS No.:</u>	[21392-57-4]
<u>Lot Number:</u>	1207228
<u>Molecular Formula:</u>	C ₁₇ H ₁₄ O ₄
<u>Molecular Weight:</u>	282.3
<u>Melting Point:</u>	152-154°C
<u>Appearance:</u>	Off white powder
<u>TLC:</u>	Chloroform : Methanol (9.5:0.5)
<u>Solubility:</u>	Soluble in Chloroform
<u>Storage:</u>	Cool, dry place
<u>Moisture(KF):</u>	0.32%
<u>Purity (HPLC):</u>	99.8%





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

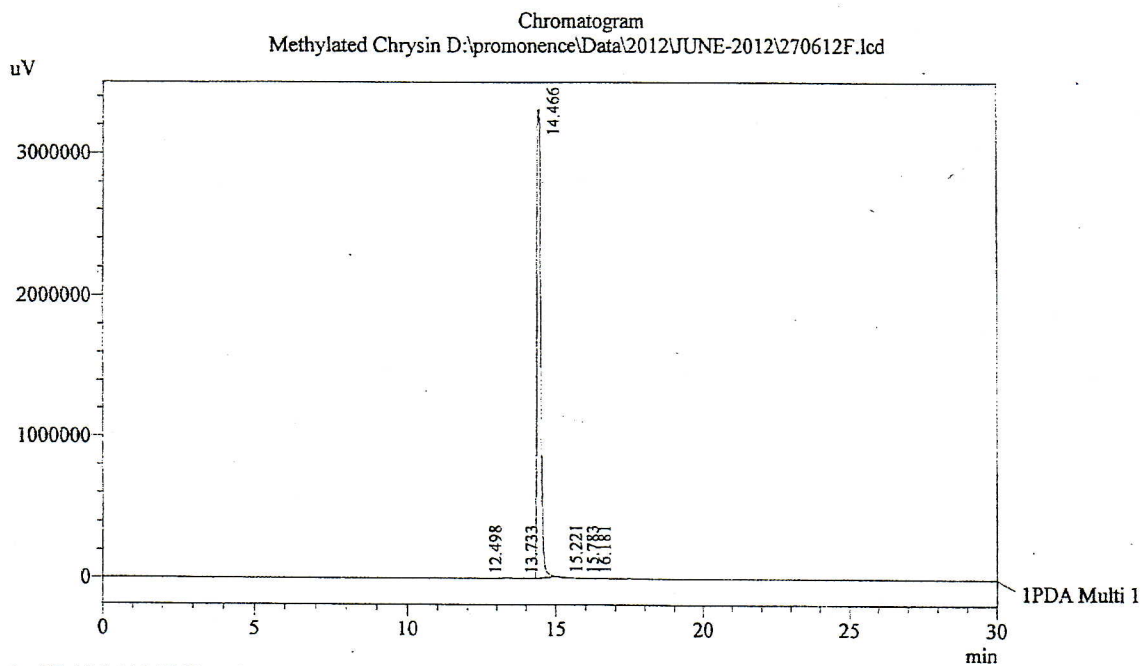
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Methylated Chrysin
Sample ID : 16.0 Kgs Lot
Injection Volume : 20 uL
Data Filename : 270612F.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 021010
Product name: Methylated Chrysin
Lot No.: 1207228

Date Acquired : 6/27/2012 1:29:28 PM
Data Processed : 6/27/2012 2:35:40 PM
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



PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.498	12.498	2733	0.01	0.86
2	RT:13.733	13.733	3111	0.01	0.95
3	Methylated Chrysin	14.466	29859170	99.81	1.00
4	RT:15.221	15.221	6463	0.02	1.05
5	RT:15.783	15.783	16081	0.05	1.09
6	RT:16.181	16.181	28491	0.10	1.12
Total			29916049	100.00	



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

Catalog No.: 021010
Product name: Methylated Chrysin
Lot No.: 1207228

HCS-16K
1H IN CDCL3
AVANCE-300

