



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

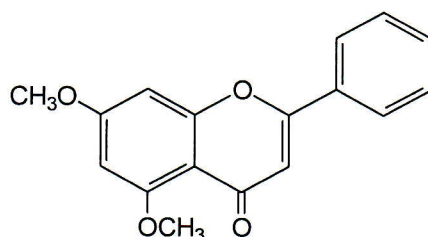
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 021010

<u>Product:</u>	METHYLATED CHRYSIN (5,7-Dimethoxyflavone)
<u>CAS No.:</u>	[21392-57-4]
<u>Lot Number:</u>	1003010
<u>Molecular Formula:</u>	C ₁₇ H ₁₄ O ₄
<u>Molecular Weight:</u>	282.3
<u>Melting Point:</u>	146-148°C
<u>Source:</u>	Synthetic
<u>Appearance:</u>	Off white powder
<u>TLC:</u>	Chloroform:methanol (9.5:0.5)
<u>Solubility:</u>	Clear solution in Chloroform
<u>Moisture (KF):</u>	0.30%
<u>Assay (HPLC):</u>	99.20%





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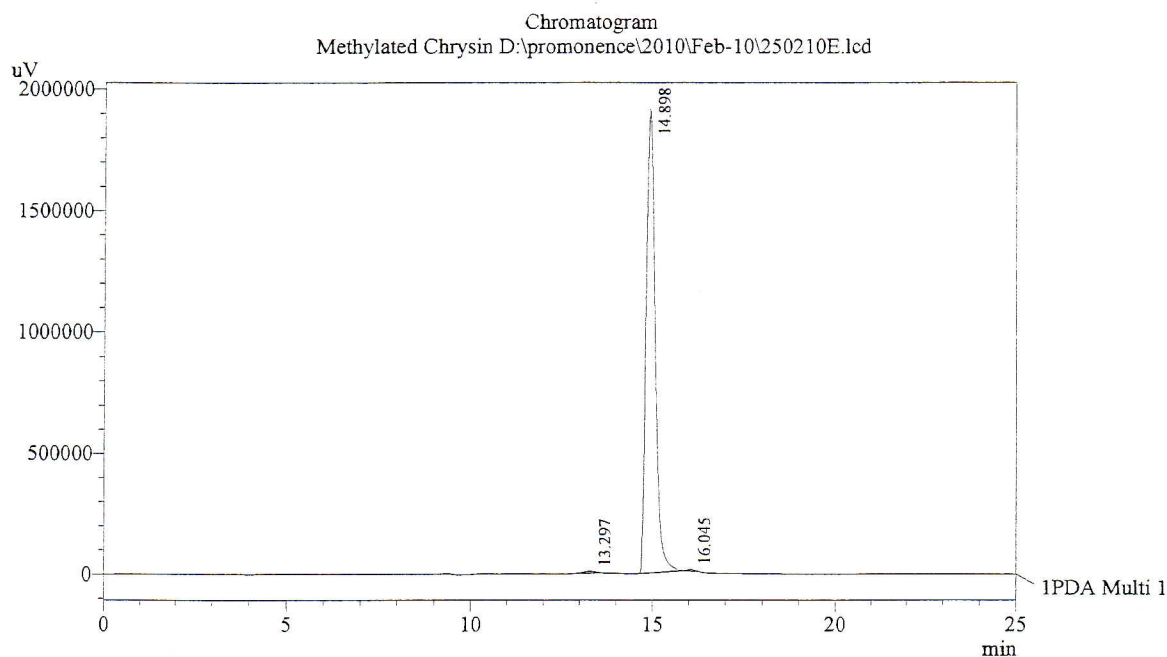
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Date Acquired : 2/25/2010 2:53:47 PM
Acquired by : Madhuri
Sample Name : Methylated Chrysin
Sample ID : Uniform Sample
Injection Volume : 20 uL
Data Filename : 250210E.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: 021010
Product: Methylated Chrysin
Lot No.: 1003010

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	13.297	182260	7102	0.557
2	14.898	32454340	1914576	99.173
3	16.045	88355	6532	0.270
Total		32724956	1928209	100.000



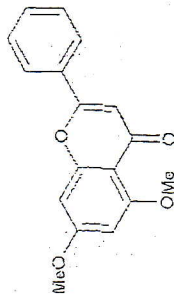
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R.20023
AR/Dimethoxy
1H IN CDCL3
AVANCE-300

Cat. No.: 021010
Product: Methylated Chrysin
Lot No.: 1003010

