

INDOFINE CHEMICAL COMPANY, INC.
121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844
chemical@indofinechemical.com

Phone: (908) 359-6778

Fax: (908) 359-1179

CERTIFICATE OF ANALYSIS

Cat No.: D-008

Product: **7,8-DIHYDROXYFLAVONE**

CAS Number: [38183-03-8]

Lot Number: 1006042

Chemical Formula: C₁₅H₁₀O₄

Molecular Weight: 254.25

Melting Point: 247.2-249°C

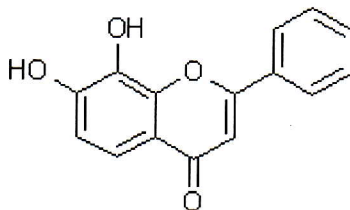
Appearance: Pale yellow powder

Solubility: Soluble in DMF

TLC: Chloroform : Methanol (9:1) single spots

Storage: Cool dry place

Purity (HPLC): 99.44%



D-008



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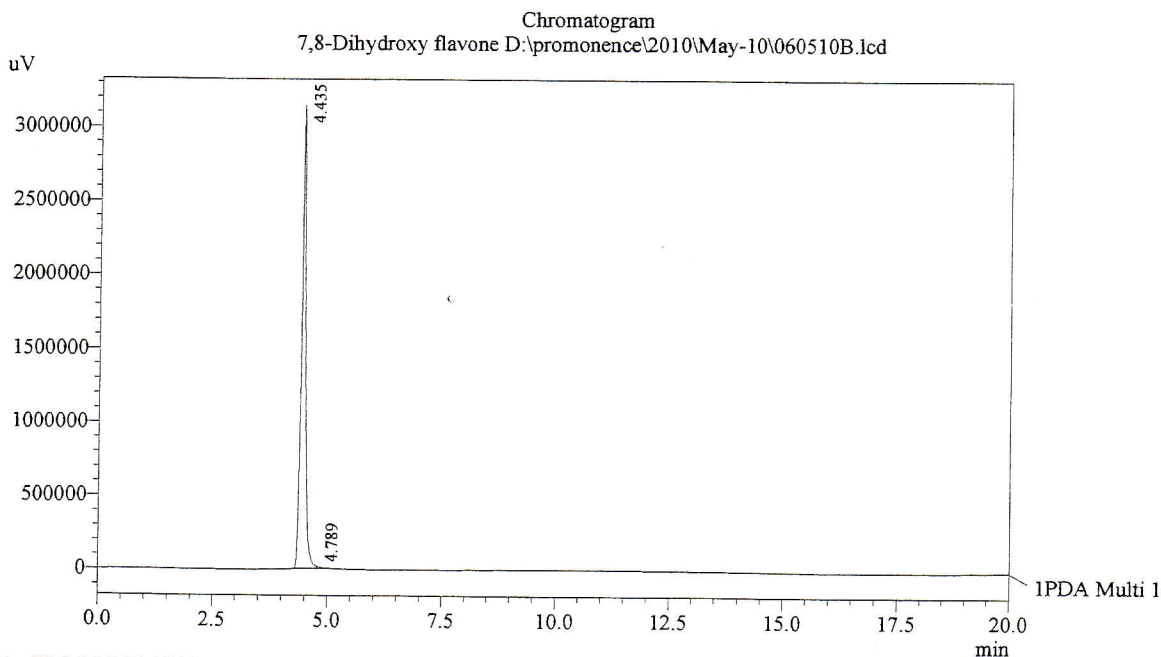
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Date Acquired : 5/6/2010 11:43:14 AM
Acquired by : Madhuri
Sample Name : 7,8-Dihydroxy flavone
Sample ID : Madras sample
Injection Volume : 20 uL
Data Filename : 060510B.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: D-008
Product: 7,8-Dihydroxyflavone
Lot No.: 1006042

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(50% 0.05% Water TFA) : B(50% ACN)



1 PDA Multi 1 / 240nm 4nm

PeakTable

PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	4.435	19596916	3143620	99.446
2	4.789	109100	13695	0.554
Total		19706016	3157315	100.000