

**ICC** **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)

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**CERTIFICATE OF ANALYSIS**

Catalog Number: T-201

Product Name: **7,8,3',4'-TETRAHYDROXYFLAVONE**

CAS Number: [3440-24-2]

Lot Number: 82061

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>

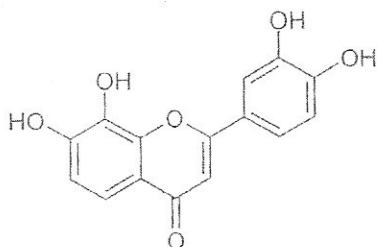
Molecular Weight: 286.24

Appearance: Light yellow powder

Solubility: Soluble in DMF

Storage: Store in cool, dry place

Purity(HPLC): 98.07%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP



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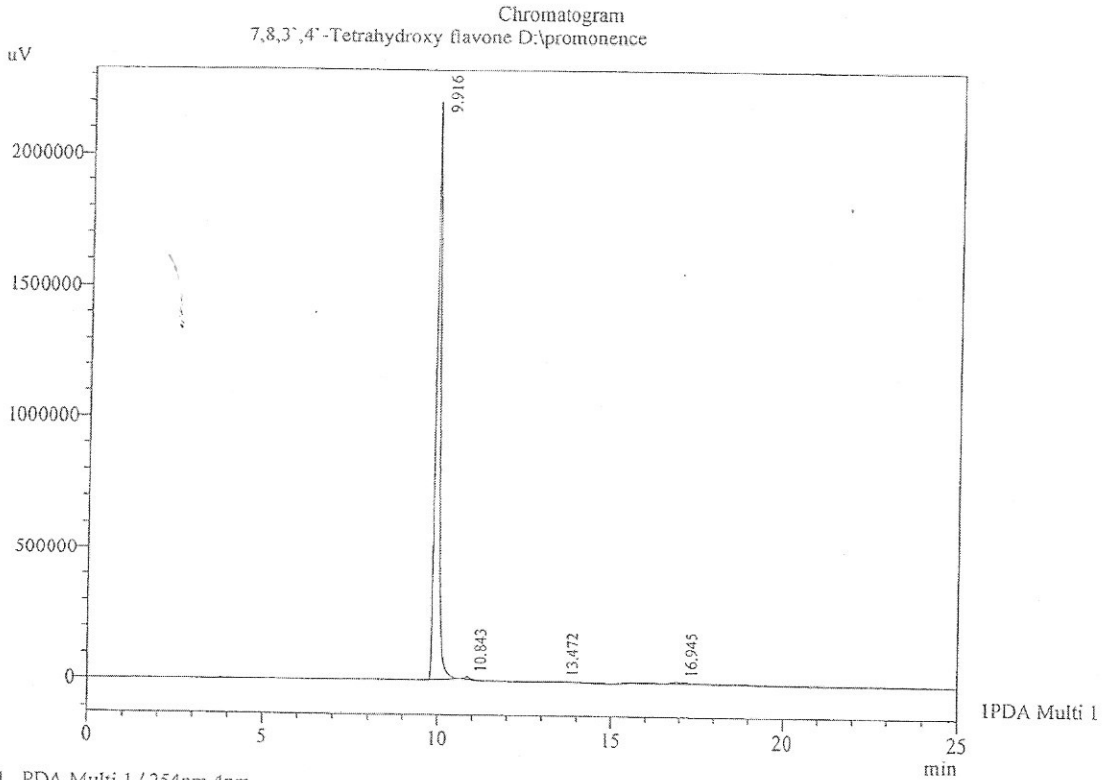
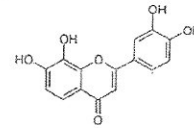
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Ramana  
Sample Name : 7,8,3',4'-Tetrahydroxy flavone  
Sample ID : Indofine (Lot No.82061)  
Injection Volume : 20 uL  
Data Filename : 110809C.lcd  
Method Filename : Linear Gradient.M.lcm

Catalog No.: T-201  
Product Name: 7,8,3',4'-Tetrahydroxyflavone  
Lot No.: 82061

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

Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	9.916	18735542	2196890	98.068
2	10.843	125876	11459	0.659
3	13.472	66938	2392	0.350
4	16.945	176367	5899	0.923
Total		19104723	2216639	100.000