



# 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: D-251

Product Name: **5,4'-DIHYDROXYFLAVONE**

CAS Number: [6665-67-4]

Lot Number: 2402910

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>

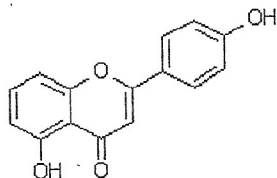
Molecular Weight: 254.25

Appearance: Yellow powder

Solubility: Soluble in DMSO, chloroform, Acetone

Storage: Store in a cool, dry place

Purity(HPLC): 98.03%



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

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



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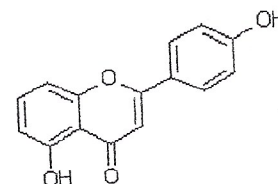
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

### <Sample Information>

Instrument : SHIMADZU LC-20AT  
Column : Wonda Cract ODS-2 (5 µm, 4.6×250 mm)  
Column Temp. : 35°C  
Mobile phase flow : 1.0 ml/min  
Injection Volume : 5 µL  
Detection Wave. : UV-210nm  
Con. & Solvent : 0.5mg/ml (Methanol)

Catalog No.: D-251  
Product Name: 5,4'-Dihydroxyflavone  
Lot No.: 2402910

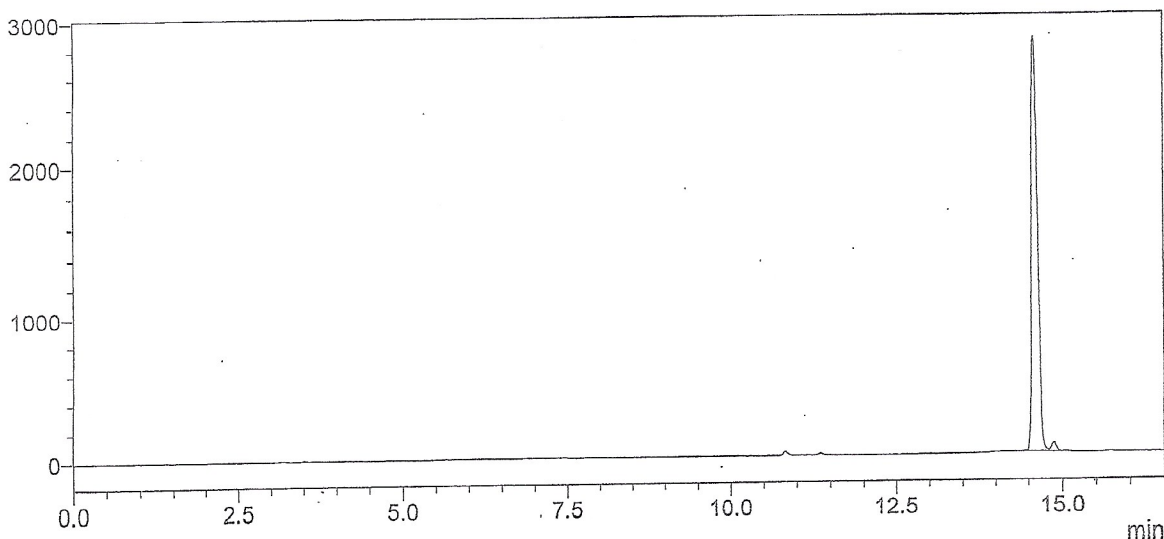


### <Analysis condition>

5%→100% Acetonitrile in 0.05% Phosphoric acid H<sub>2</sub>O  
over 15.0min followed by 100% Acetonitrile to 18.0 min

### <Chromatogram>

mV



### <Peak Table>

Peak#	Ret. Time	Area	Height	Conc.	Unit	Area%
1	14.608	18080982	2844888	98.036		98.036
2	14.872	310663	62838	1.684		1.684
3	15.042	51586	11134	0.280		0.280
Total		18443230	2918859			100.000

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