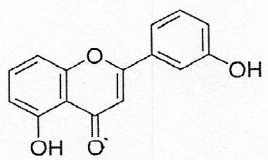
INDOFINE Chemical Company, Inc.
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.
Phone: (908) 359-6778 • FAX: (908) 359-1179
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number:	D-409
Product Name:	**5,3'-DIHYDROXYFLAVONE**
CAS Number:	[6665-68-5]
Lot Number:	2411112
Chemical Formula:	$C_{15}H_{10}O_4$
Molecular Weight:	254.25
Melting Point:	250-252°C
Appearance:	Yellow powder
Solubility:	Soluble in DMSO, methanol, and acetone
Storage:	Store in a cool, dry place
Purity(HPLC):	99.8%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

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HPLC ANALYSIS

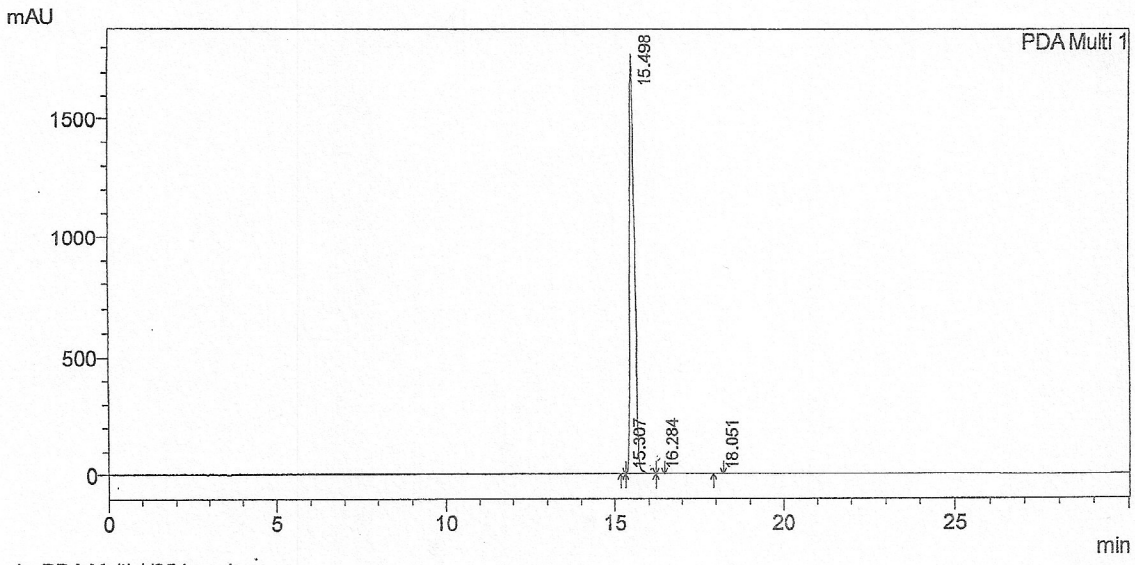
Acquired by : Sanjeev
Sample Name : 5,3'-Dihydroxy flavone

Tray# : 1
Vail # : 9
Injection Volume : 20 uL
Data File Name : 30102024348.lcd
Method File Name : General Method.lcm

Catalog No.: D-409
Product Name: 5,3'-Dihydroxyflavone
Lot No.: 2411112

Column: Inertsil ODS-3V : 250 x 4.6mm, 5um
Flow Rate: 1.0 ml/min
MP-A:0.1% TFA in water: MP-B: Acetonitrile
Gradient Program:0.01/10,10/90,30/90,30.1/10,35/10 (% of B Conc)
Diluent: Methanol (10mg/25ml in diluent)

<Chromatogram>



1 PDA Multi 1/254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.307	15.307	8204	0.05	0.988
2	RT:15.498	15.498	17210026	99.82	1.000
3	RT:16.284	16.284	10278	0.06	1.051
4	RT:18.051	18.051	12755	0.07	1.165
Total			17241263	100.00	

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