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:	F-002
Product Name:	**FISETIN** (3,7,3',4'-Tetrahydroxyflavone)
CAS No.:	[528-48-3]
Lot Number:	2204668
Molecular Formula:	$C_{15}H_{10}O_6$
Molecular Weight:	286.25
Appearance:	Yellow powder
Solubility:	Soluble in DMSO
Loss on Drying:	0.32%
Purity (HPLC):	98.07%
Storage:	Store in a cool, dry place

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

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HPLC ANALYSIS

Catalog No.: F-002
Product Name: Fisetin
Lot No.: 2204668

Mobile phase :Acetonitrile - (0.03%H3PO4) Water 25:75
Flow rate : 1.0ml/min
Wavelength : 360nm
Temperature : 30℃
Sample Concentration:1mg/ml Methanol
Injection volume: 5ul
Column:Kromasil C18 250*4.6 5um

Signal 1: DAD1 A, Sig=360,4 Ref=off

Peak #	RT [min]	Type	Width [min]	Height	Area	Area %
1	3.293	MM	0.082	1.977	9.670	0.130
2	9.978	MM	0.199	612.337	7.315e3	98.071
3	15.010	BB	0.231	0.385	7.241	0.097
4	19.106	BB	0.286	1.094	23.800	0.319
5	21.129	BB	0.368	4.208	103.151	1.383

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