



INDOFINE CHEMICAL COMPANY, INC.

121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844

Website: www.indofinechemical.com

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Phone: (908) 359-6778 Fax: (908) 359-1179

CERTIFICATE OF ANALYSIS

Catalog Number: F-002

Product Name: **FISETIN**
(3,7,3',4'-Tetrahydroxyflavone)

CAS No.: [528-48-3]

Lot Number: 2604258

Molecular Formula: C₁₅H₁₀O₆

Molecular Weight: 286.24

Appearance: Light yellow powder

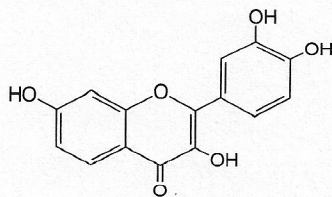
Solubility: Soluble in DMSO

Loss on Drying: 4.51%

Residue on Ignition: 0.65%

Purity (HPLC): 99.56%

Storage: Store in a cool, dry place. Protect from light.
Long Term Storage: Store at -20°C



Prepared by:
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Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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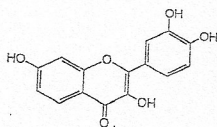
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HPLC ANALYSIS

Catalog No.: F-002
Product Name: Fisetin
Lot No.: 2604258

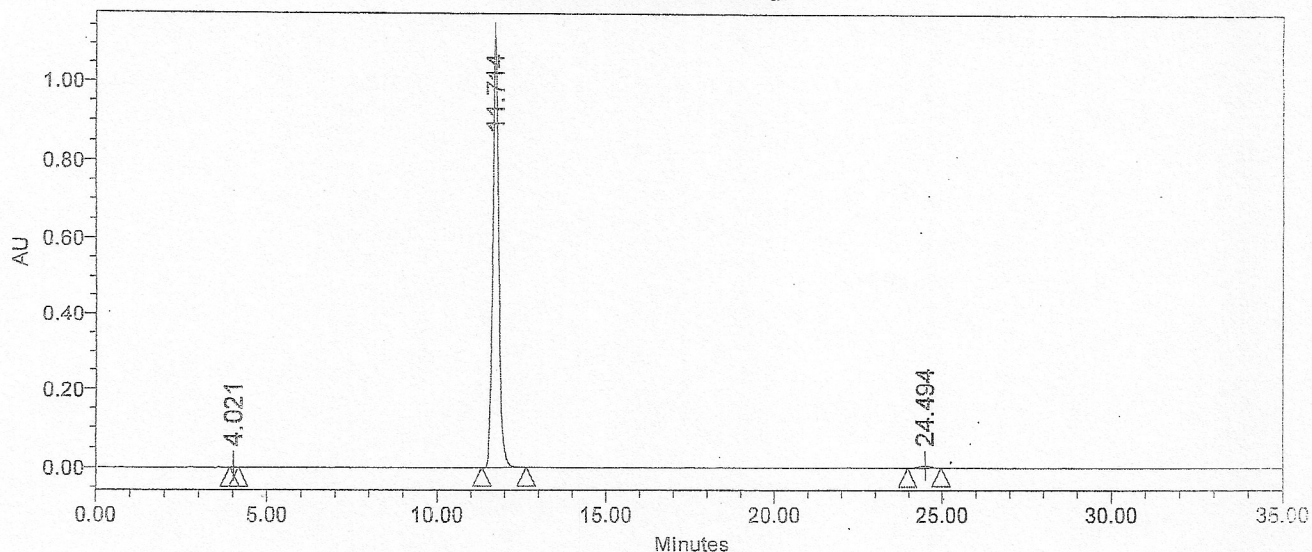
SAMPLE INFORMATION

Sample Name:
Sample Type: Unknown
Vial: 21
Injection #: 1
Injection Volume: 10.00 ul
Run Time: 35.0 Minutes

Acquired By: QC-LJ
Sample Set Name:
Acq. Method Set: Fisetin
Processing Method: Fisetin
Channel Name: 360.0nm
Proc. Chnl. Descr.: W2996 PDA 360.0 nm (PDA 190.0)

Instrument number: LC011

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	Height	% Area
1		4.021	17077	3117	0.12
2		11.714	14507181	1124988	98.76
3		24.494	165449	5990	1.13

Mobile Phase A: Acetonitrile 25

Mobile Phase B: 0.03% H₃PO₄/H₂O 75

Flow rate: 1.0 ml/min

Column temp: 30

Sample Concentration: 1mg/ml Methanol

Injection volume: 5ul

Chromatographic column: Kromasil C18 250*4.6 5um