



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: 2004425

Molecular Formula: C₁₅H₁₀O₆

Molecular Weight: 286.25

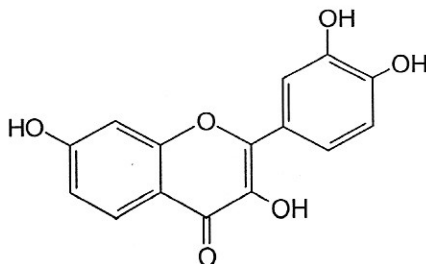
Appearance: Yellow powder

Solubility: Soluble in DMSO

NMR Spectrum: Enclosed (Confirms to the structure)

Purity (HPLC): 98.05%

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



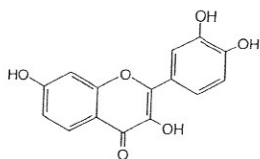
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HPLC ANALYSIS

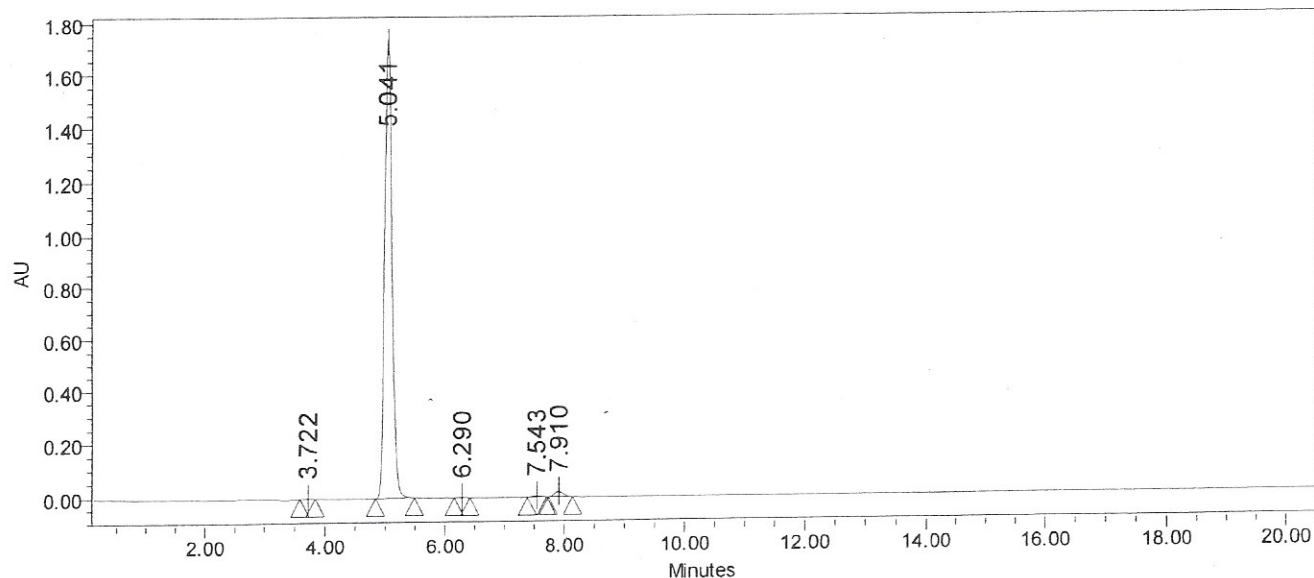
Catalog No.: F-002
Product Name: Fisetin
Lot No.: 2004425

SAMPLE INFORMATION

Sample Name: Fisetin
Sample Type: Unknown
Vial: 5
Injection #: 1
Injection Volume: 10.00 μ l
Run Time: 30.0 Minutes

Acquired By: System
Sample Set Name:
Acq. Method Set: Fisetin
Processing Method: Fisetin
Channel Name: 360.0nm
Proc. Chnl. Descr.: PDA 360.0 nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	Height	% Area
1		3.722	16126	1858	0.11
2		5.041	14697381	1740475	98.05
3		6.290	15965	1992	0.11
4		7.543	56583	6154	0.38
5		7.910	203385	19761	1.36

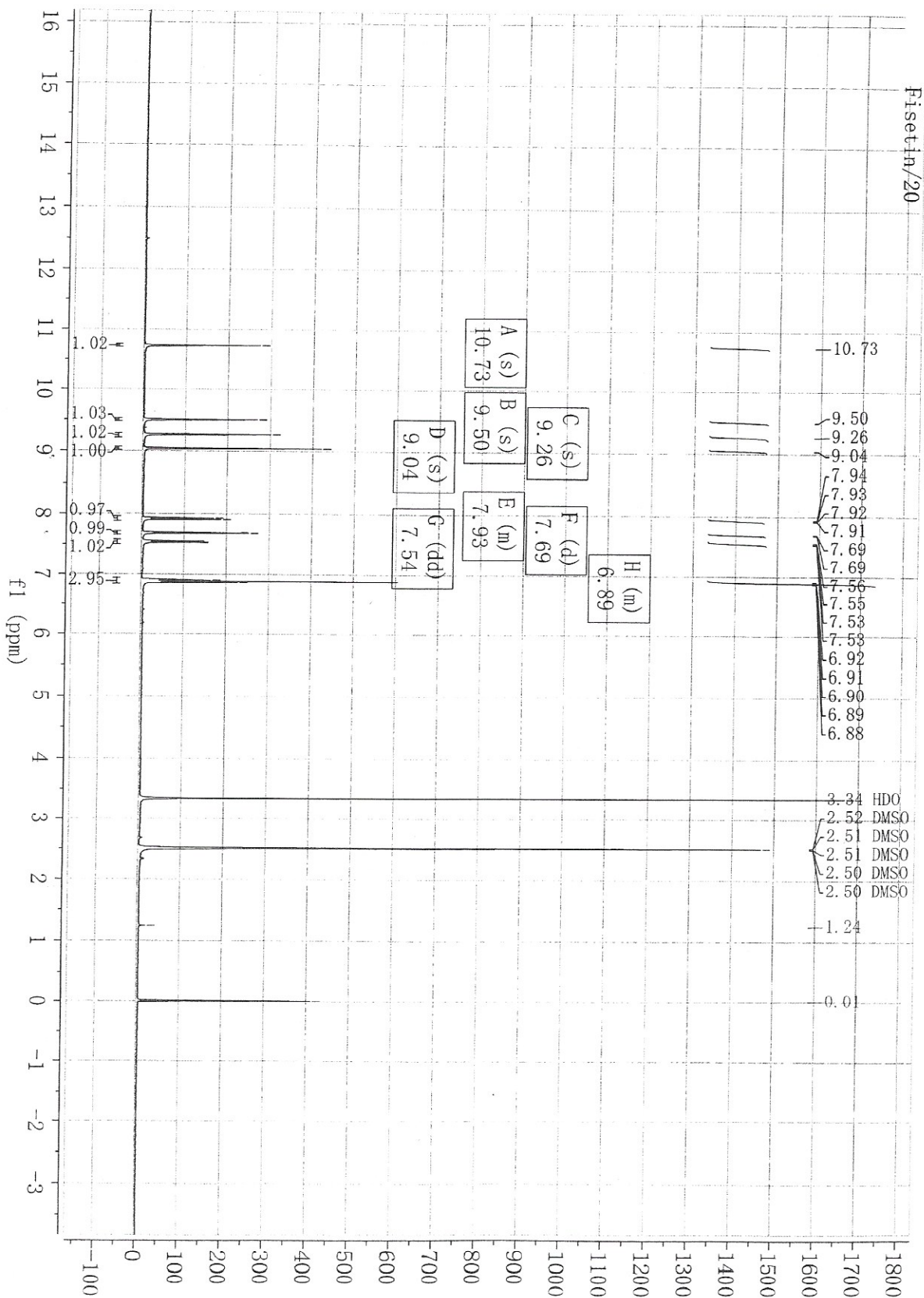
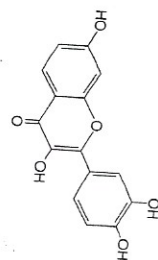
Mobile phase A: Acetonitrile 35
Mobile phase B: 0.03% H₃PO₄ Water 65
Flow rate: 1.0 ml/min
Column temp: 30°
Chromatographic column: Kromasil C18 250*4.6 5 μ m

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