



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

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CERTIFICATE OF ANALYSIS

Catalog Number: 021248S

Product Name: **FORMONONETIN with HPLC**
(7-Hydroxy-4'-methoxyisoflavone, Biochanin B)

CAS Number: [485-72-3]

Lot Number: 3102020

Chemical Formula: $C_{16}H_{12}O_4$

Molecular Weight: 268.27

Melting Point: 256-259°C

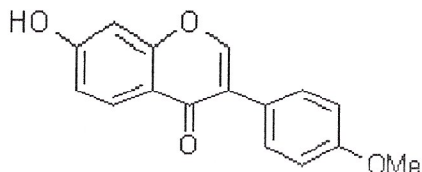
Appearance: Off White powder

Solubility: Soluble in DMSO

TLC: Chloroform : Methanol (9:1)

Storage: Store in a cool, dry place

Purity (HPLC): 99%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP



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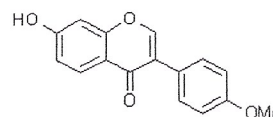
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Formnononetin (7-Hydroxy-4'-methoxyisoflavone)

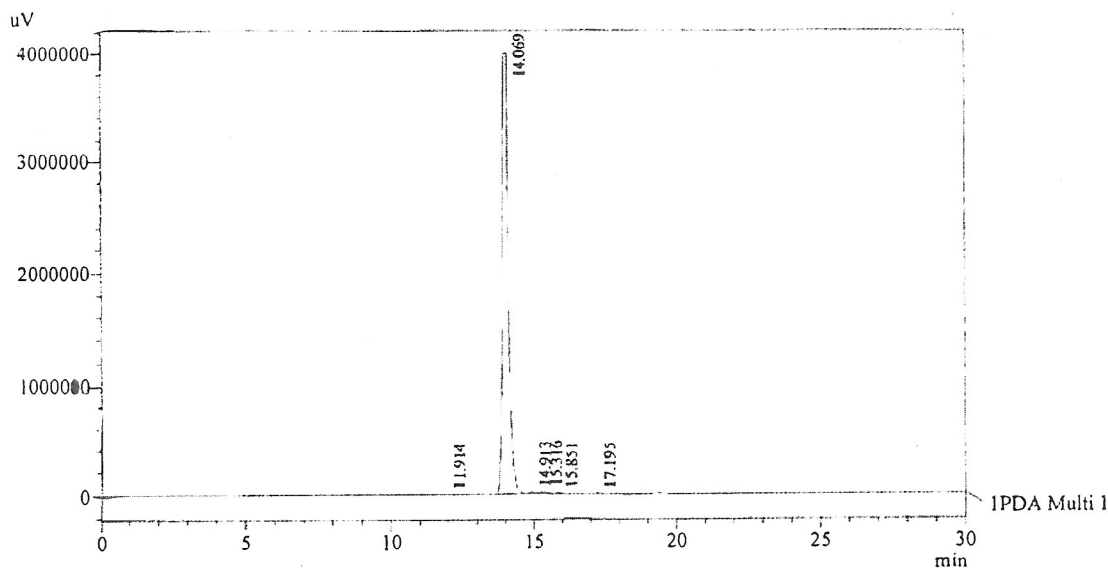
Catalog No.: 021248S
Product Name: Formnononetin with HPLC
Lot No.: 3102020

Injection Volume : 20 uL
Data Filename : 0304131.lcd
Method Filename : Linear Gradient.M.lcm
Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10

Diluent : Acetonitrile



Chromatogram



PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.914	11.914	34184	0.06	0.85
2	Formnononetin	14.069	58423891	99.00	1.00
3	RT:14.913	14.913	181068	0.31	1.06
4	RT:15.316	15.316	270802	0.46	1.09
5	RT:15.851	15.851	50808	0.09	1.13
6	RT:17.195	17.195	54950	0.09	1.22
Total			59015702	100.00	

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