



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: 06-001

Product Name: **PUERARIN**
(Daidzein-8-C-glucoside; 7,4'-Dihydroxy-8-C-glucosylisoflavone)

CAS Number: [3681-99-0]

Lot Number: 2207682

Chemical Formula: $C_{21}H_{20}O_9$

Molecular Weight: 416.38

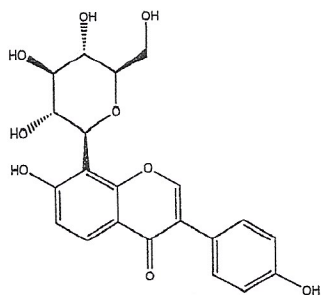
Appearance: White powder

Solubility: Soluble in DMSO

Loss on Drying: 1.2%

Storage: Store in a cool, dry place

Purity(HPLC): 99.20%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



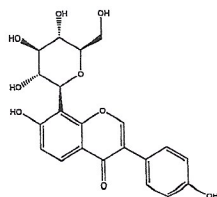
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HPLC ANALYSIS

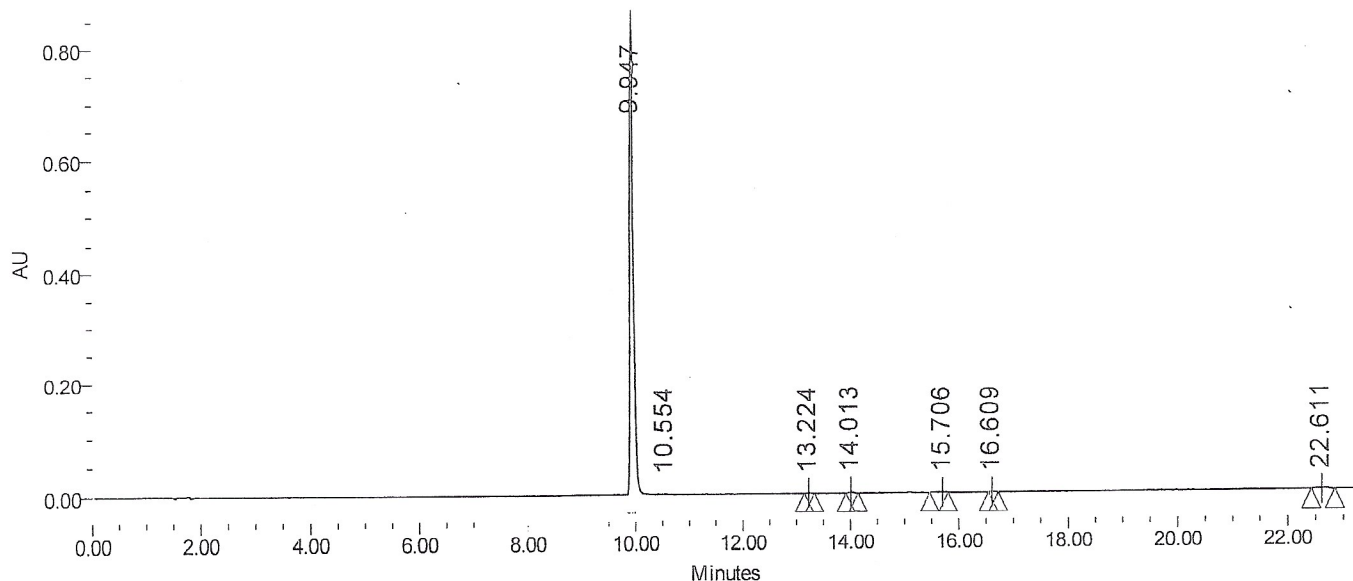
Catalog No.: 06-001
Product Name: Puerarin
Lot No.: 2207682

SAMPLE INFORMATION

Sample Name: Puerarin
Sample Type: Unknown
Vial: 88
Injection #: 1
Injection Volume: 5.00 ul
Run Time: 25.0 Minutes

Acquired By:
Sample Set Name
Acq. Method Set: Puerarin
Processing Method: Samples
Channel Name: PDA Ch1 250nm@4.8nm
Proc. Chnl. Descr.: PDA Ch1 250nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		9.947	3717438	99.20	844541	122992.29	
2		10.554	3319	0.09	813	170469.91	4.90
3		13.224	3569	0.10	745	229534.01	19.96
4		14.013	10438	0.28	2160	199360.47	5.88
5		15.706	3544	0.09	508	208862.74	12.64
6		16.609	2718	0.07	519	181125.54	6.92
7		22.611	6256	0.17	525	103419.07	24.44