



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 with HPLC**
(Daidzein-8-C-glucoside; 7,4'-Dihydroxy-8-C-glucosylisoflavone)

CAS Number: [3681-99-0]

Lot Number: 1502546

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

Molecular Weight: 416.38

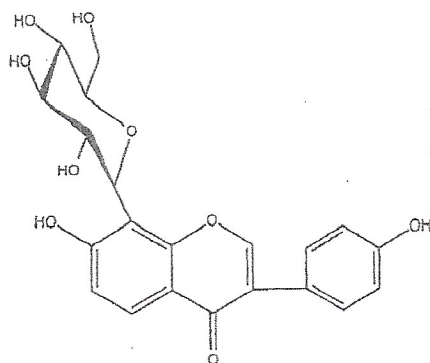
Appearance: Off-white powder

Botanical Source: Pueraria spp.

Loss on Drying: 1.0%

Storage: Store in a cool, dry place, protected from light.
Keep package airproofed when not in use.

Purity(HPLC): 98.28%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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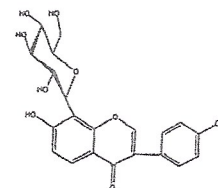
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HPLC ANALYSIS

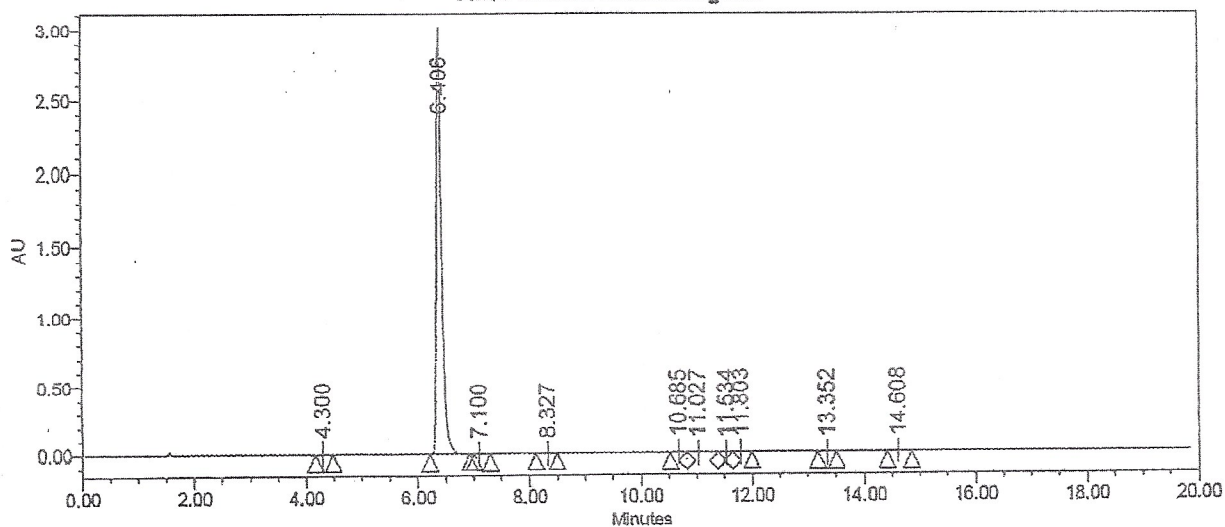


Catalog No.: 06-001
Product Name: Puerarin
Lot No.: 1502546

SAMPLE INFORMATION

Sample Name:	Puerarin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:D,6	Acq. Method Set:	Puerarin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	250.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 250.0 nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.300	78664	0.37	13147.84	
2		6.406	20985056	98.28	20624.76	12.82
3		7.100	18318	0.09	30718.03	4.03
4		8.327	11032	0.05	6180.51	4.45
5		10.685	44739	0.21	38530.91	7.78
6		11.027	48060	0.23	11894.74	1.07
7		11.534	12297	0.06	57475.31	1.68
8		11.803	66094	0.31	50865.81	1.35
9		13.352	26428	0.12	66294.04	7.36
10		14.608	62116	0.29	66555.23	5.77

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