



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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## CERTIFICATE OF ANALYSIS

Catalog Number: 021233S

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

CAS Number: [3681-99-0]

Lot Number: 1402423

Chemical Formula: C<sub>21</sub>H<sub>20</sub>O<sub>9</sub>

Molecular Weight: 416.38

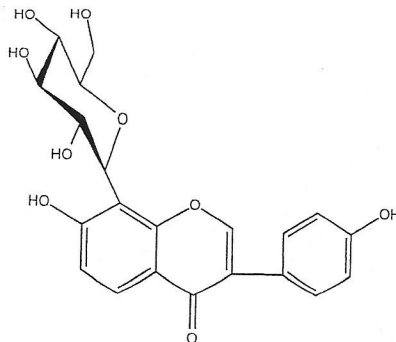
Appearance: Off-white powder

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): 99.21%



Expiration/Retest Date: April 2015



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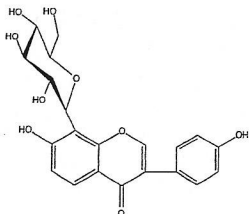
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## HPLC ANALYSIS



Catalog No.: 021233S

Product Name: Puerarin

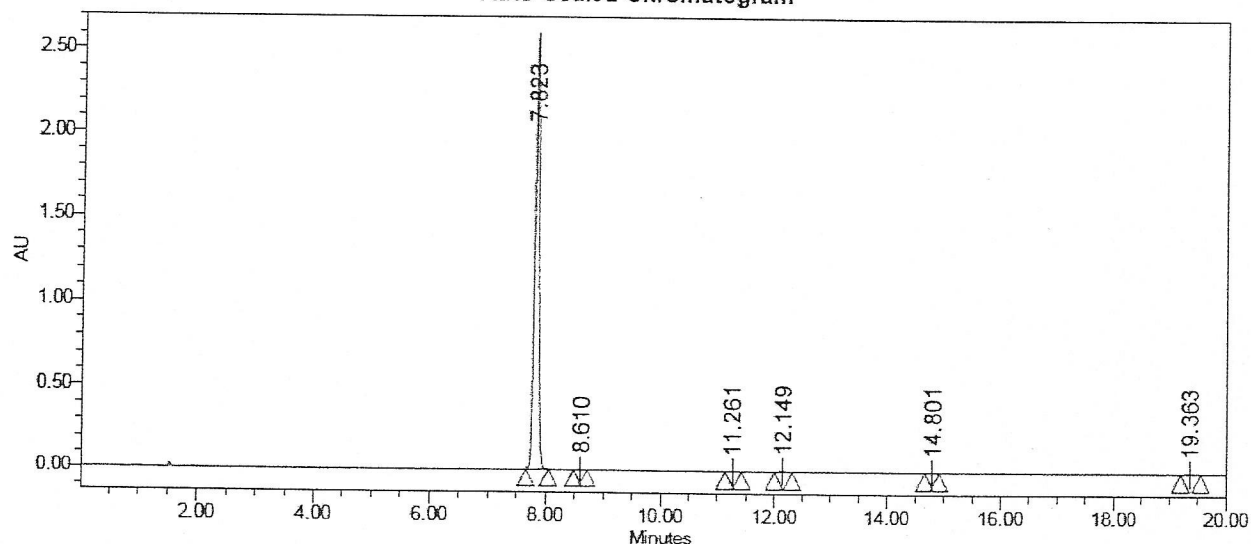
Lot No.: 1402423

### SAMPLE INFORMATION

Sample Name: Puerarin  
Sample Type: Unknown  
Vial: 1:E,5  
Injection #: 1  
Injection Volume: 10.00 ul  
Run Time: 20.0 Minutes

Sample Set Name:  
Acq. Method Set: Puerarin  
Processing Method: Samples  
Channel Name: 250.0nm  
Proc. Chnl. Descr.: PDA 250.0 nm

Auto-Scaled Chromatogram



#### Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.823	13366161	99.21	53284.87	
2	8.610	14145	0.10	67542.30	5.80
3	11.261	14910	0.11	108619.68	19.42
4	12.149	43063	0.32	120442.36	6.34
5	14.801	11620	0.09	154783.17	18.29
6	19.363	22968	0.17	92299.73	21.58