



成都普瑞法科技开发有限公司  
Chengdu Biopurify Phytochemicals Ltd.

Add: No.11 Building, No. 388 Rongtaidadao CNSTP  
Wenjiang Zone, Chengdu, Sichuan, 611130 China  
TEL: 028-82633987 FAX: 028-82633165  
E-mail: biopurify@gmail.com sales@biopurify.com  
Web: www.biopurify.com

## Certificate of Analysis

**Product Name:** Daidzin

**Other Name:** Daidzein-7-O-β-D-glucoside

**Catalogue No.:** BP0446

**Batch No.:** 15031507

**Report date** 2015-03-15

**CAS Number:** 552-66-9

**Mol. Formula:** C<sub>21</sub>H<sub>20</sub>O<sub>9</sub>

**Mol. Weight:** 416.38

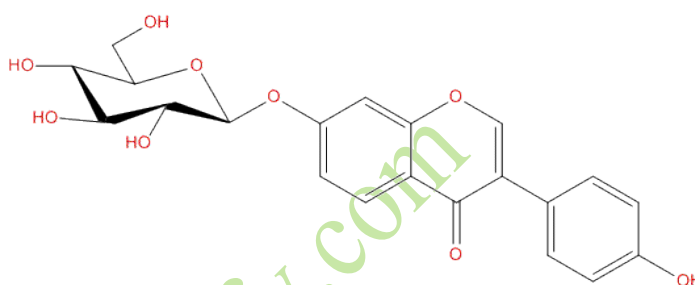
**Type of compound:** Flavonoids

**Botanical Source:** Soybean

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-DAD

**Structure:**



### Analytical result:

| Test                   | Specification | Results      |
|------------------------|---------------|--------------|
| Appearance             | White powder  | White powder |
| Loss on drying         | <3.0%         | 1.4%         |
| Purity (HPLC, 250nm) * | ≥98.0%        | 98.72%       |

\* Please find HPLC chromatography attached.

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airproofed when not in use.

**Expiration:** two years (2017-03-15) under conditions list above.

QC: *Meng Pan*

Date: 2015-03-15

QA:

*Lianglei Zhang*

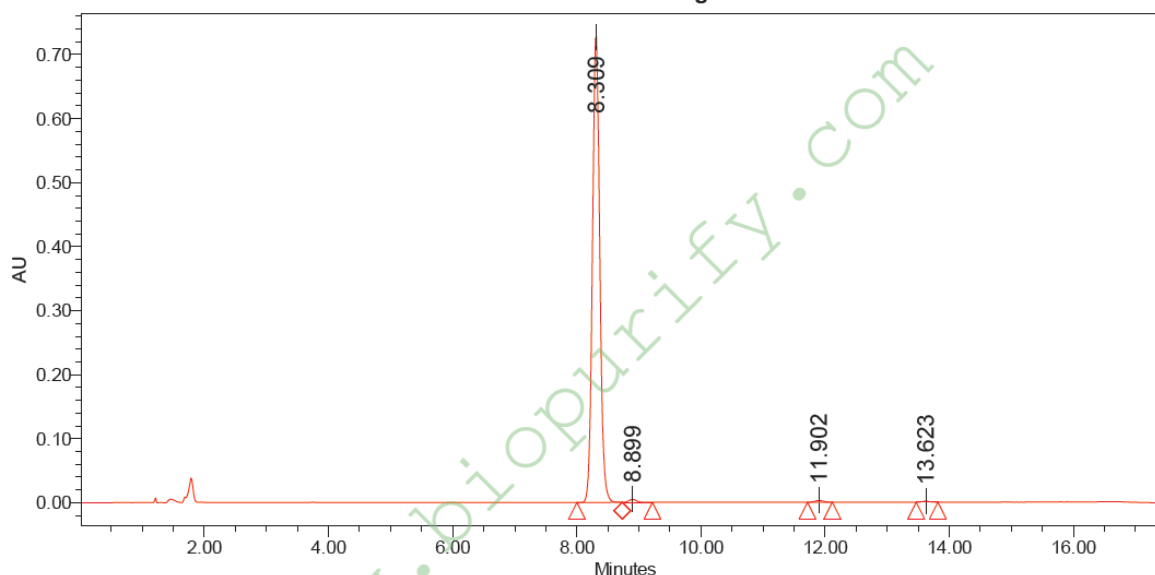
Date: 2015-03-15



## SAMPLE INFORMATION

|                   |                        |                     |              |
|-------------------|------------------------|---------------------|--------------|
| Sample Name:      | Daidzin 15031507       | Acquired By:        | System       |
| Sample Type:      | Unknown                | Sample Set Name:    |              |
| Vial:             | 1:E,5                  | Acq. Method Set:    | Daidzin      |
| Injection #:      | 1                      | Processing Method:  | Samples      |
| Injection Volume: | 10.00 ul               | Channel Name:       | 250.0nm      |
| Run Time:         | 18.0 Minutes           | Proc. Chnl. Descr.: | PDA 250.0 nm |
| Date Acquired:    | 2015-3-15 11:32:28 CST |                     |              |
| Date Processed:   | 2015-3-15 12:53:45 CST |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|   | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|---|------|--------|---------|--------|-----------------|----------------|
| 1 |      | 8.309  | 5974960 | 98.72  | 24537           |                |
| 2 |      | 8.899  | 40027   | 0.66   | 27299           | 2.71           |
| 3 |      | 11.902 | 25445   | 0.42   | 39913           | 13.05          |
| 4 |      | 13.623 | 12000   | 0.20   | 58631           | 7.49           |