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## Certificate of Analysis

**Product Name:** Pristimerin

**Catalogue No.:** BP1144

**Batch No.:** 15050605

**Reported Date:** 2015-05-06

**CAS Number:** 1258-84-0

**Mol. Formula:** C<sub>30</sub>H<sub>40</sub>O<sub>4</sub>

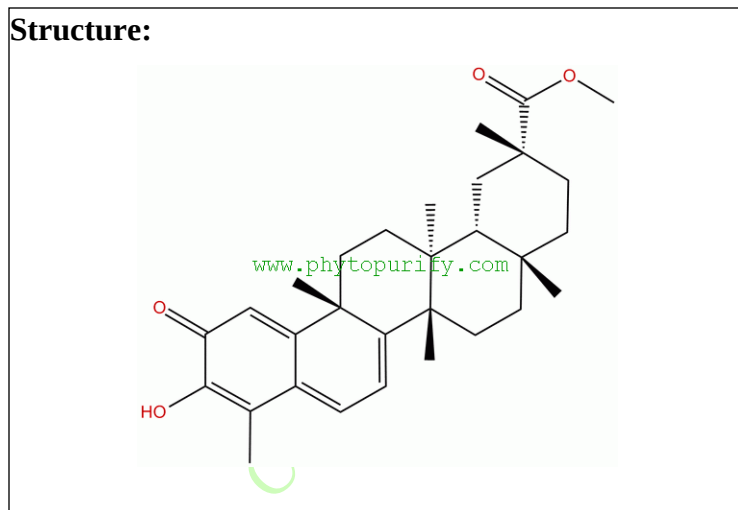
**Mol. Weight:** 464.646

**Type of compound:**

**Identification Method:** Mass, NMR

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

**Structure:**



### Analytical result:

| Test                  | Specification | Results       |
|-----------------------|---------------|---------------|
| Appearance            | Orange powder | Orange powder |
| Loss on drying        | <3.0%         | 1.0%          |
| Purity (HPLC, 246nm)* | ≥98.0%        | 98.21%        |

\* 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 (2017-05-06) under conditions list above.

QC: *Meng Pan*

Date: 2015-05-06

QA: *Lianglei Zhang*

Date: 2015-05-06

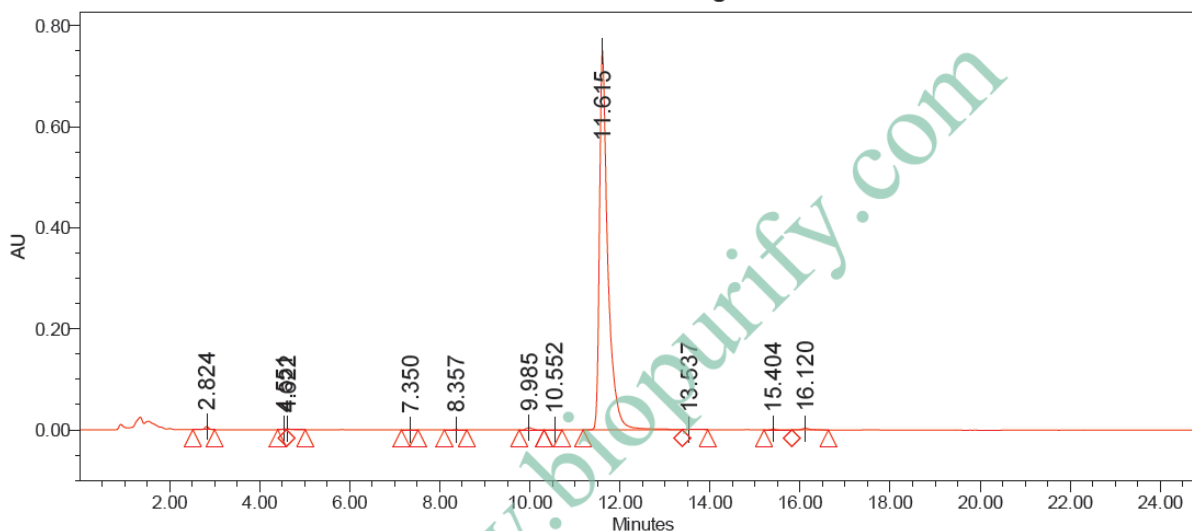


Chengdu Biopurify Phytochemicals Ltd.

## SAMPLE INFORMATION

|                                       |                     |                     |              |
|---------------------------------------|---------------------|---------------------|--------------|
| Sample Name:                          | Pristimerin15050605 | Acquired By:        | System       |
| Sample Type:                          | Unknown             | Sample Set Name:    |              |
| Vial:                                 | 71                  | Acq. Method Set:    | Pristimerin  |
| Injection #:                          | 1                   | Processing Method:  | Samples      |
| Injection Volume:                     | 10.00 ul            | Channel Name:       | 246.0nm      |
| Run Time:                             | 25.0 Minutes        | Proc. Chnl. Descr.: | PDA 246.0 nm |
| Date Acquired: 2015-5-6 11:07:53 CST  |                     |                     |              |
| Date Processed: 2015-5-6 13:26:14 CST |                     |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|    | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|----|------|--------|---------|--------|-----------------|----------------|
| 1  |      | 2.824  | 38865   | 0.39   | 5510.72         |                |
| 2  |      | 4.551  | 9004    | 0.09   |                 | 10.77          |
| 3  |      | 4.622  | 9361    | 0.09   |                 |                |
| 4  |      | 7.350  | 2748    | 0.03   | 14292.21        |                |
| 5  |      | 8.357  | 6587    | 0.07   | 12351.92        | 3.62           |
| 6  |      | 9.985  | 40295   | 0.41   | 26526.75        | 5.78           |
| 7  |      | 10.552 | 2666    | 0.03   | 36082.27        | 2.37           |
| 8  |      | 11.615 | 9728305 | 98.21  | 21881.58        | 3.81           |
| 9  |      | 13.537 | 12282   | 0.12   |                 | 5.78           |
| 10 |      | 15.404 | 15050   | 0.15   | 50069.88        | 5.98           |
| 11 |      | 16.120 | 40383   | 0.41   | 48909.47        | 2.39           |

Reported by User: System  
Report Method: Chengdu  
Report Method ID: 12086  
Page: 1 of 1

Project Name: 2015  
Date Printed:  
2015-5-6  
16:02:45 PRC