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## Certificate of Analysis

**Product Name:** 14,15 $\beta$ -dihydroxyklaineane

**Other Name:**

**Catalogue No.:** BP1797

**Batch No.:** 15030902

**Report date** 2015-03-09

**CAS Number:** 137359-82-1

**Mol. Formula:** C<sub>20</sub>H<sub>28</sub>O<sub>8</sub>

**Mol. Weight:** 396.17

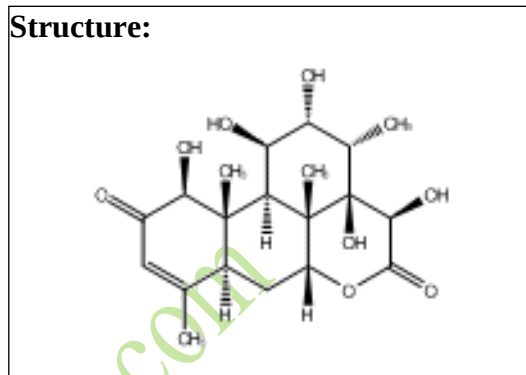
**Botanical Source:** Eurycoma longifolia

**Type of compound:**

**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%         | 1.3%         |
| Purity (HPLC-245 nm) * | ≥95.0%        | 96.9%        |

\* 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 (2017-03-08) under conditions list above.

QC: Meng Pan

Date: 2015-03-09

QA:

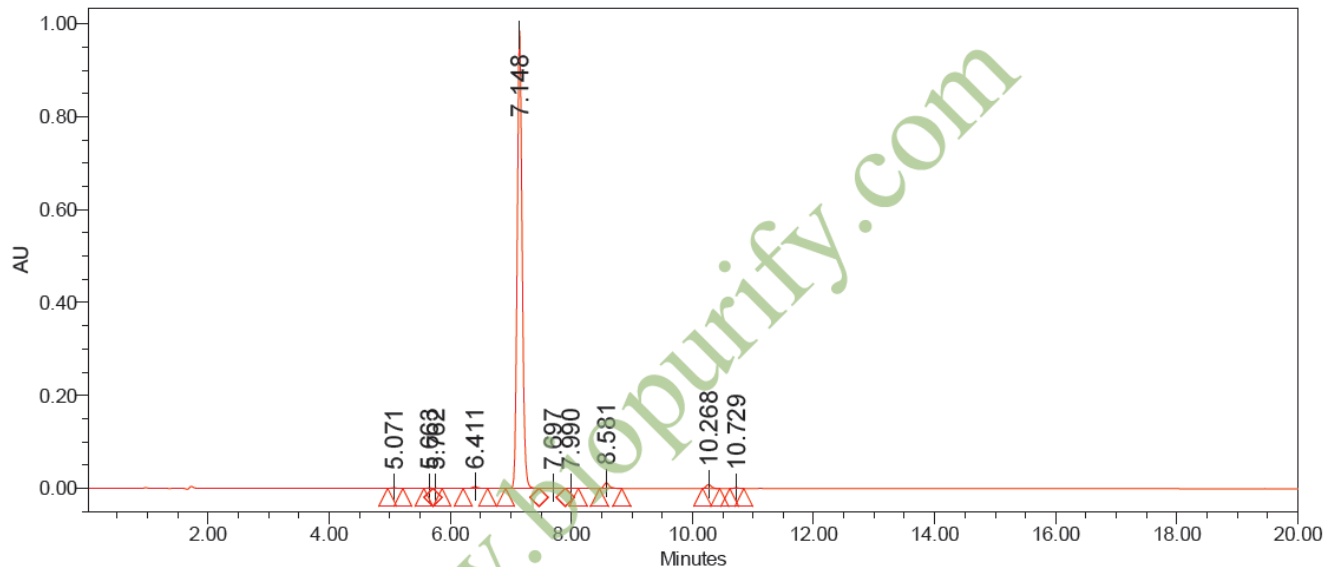
Date: 2015-03-09

Jinhui Yang

## SAMPLE INFORMATION

|                   |                       |                     |              |
|-------------------|-----------------------|---------------------|--------------|
| Sample Name:      | DGAL7# 15030902       | Acquired By:        | System       |
| Sample Type:      | Unknown               | Sample Set Name:    |              |
| Vial:             | 15                    | Acq. Method Set:    | weizhi       |
| Injection #:      | 1                     | Processing Method:  | Samples      |
| Injection Volume: | 10.00 ul              | Channel Name:       | 245.0nm      |
| Run Time:         | 20.0 Minutes          | Proc. Chnl. Descr.: | PDA 245.0 nm |
| Date Acquired:    | 2015-3-9 9:56:33 CST  |                     |              |
| Date Processed:   | 2015-3-9 10:25:34 CST |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|    | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|----|------|--------|---------|--------|-----------------|----------------|
| 1  |      | 5.071  | 6277    | 0.11   | 20304.49        |                |
| 2  |      | 5.663  | 4268    | 0.07   | 14947.35        | 4.07           |
| 3  |      | 5.762  | 3274    | 0.06   |                 |                |
| 4  |      | 6.411  | 24096   | 0.42   | 27479.55        |                |
| 5  |      | 7.148  | 5576520 | 96.90  | 36132.84        | 4.71           |
| 6  |      | 7.697  | 6967    | 0.12   |                 | 3.65           |
| 7  |      | 7.990  | 2154    | 0.04   | 44695.46        | 1.92           |
| 8  |      | 8.581  | 73709   | 1.28   | 47648.87        | 3.80           |
| 9  |      | 10.268 | 48689   | 0.85   | 66862.70        | 10.57          |
| 10 |      | 10.729 | 8731    | 0.15   | 70058.80        | 2.83           |