



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



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## Certificate of Analysis

**Product Name:** sec-O-Glucosylhamaudol

**Other Name:**

**Catalogue No.:** BP1279

**Batch No.:** 15012605

**Reported Date:** 2015-01-26

**CAS Number:** 80681-44-3

**Mol. Formula:** C<sub>21</sub>H<sub>26</sub>O<sub>10</sub>

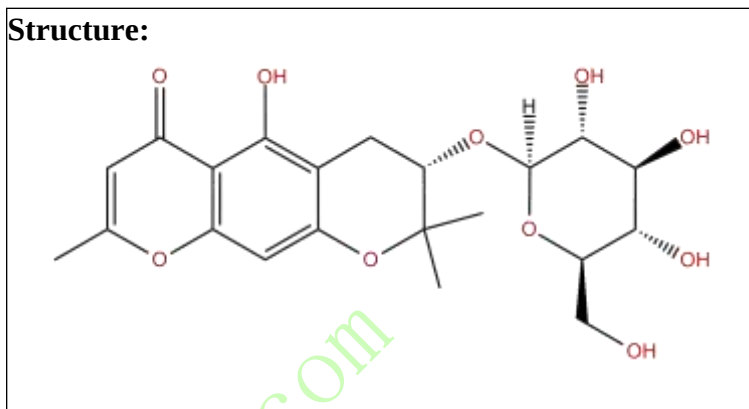
**Mol. Weight:** 438.425

**Type of compound:**

**Identification Method:** Mass, NMR

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

**Structure:**



**Analytical result:**

| Test                  | Specification    | Results          |
|-----------------------|------------------|------------------|
| Appearance            | Off-white powder | Off-white powder |
| Loss on drying        | <3.0%            | 1.4%             |
| Purity (HPLC, 297nm)* | ≥95.0%           | 96.93%           |

\* 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 (2017-01-25) under conditions list above.

QC: *Meng Pan*

Date: 2015-01-26

QA: *Lianglei Zhang*

Date: 2015-01-26

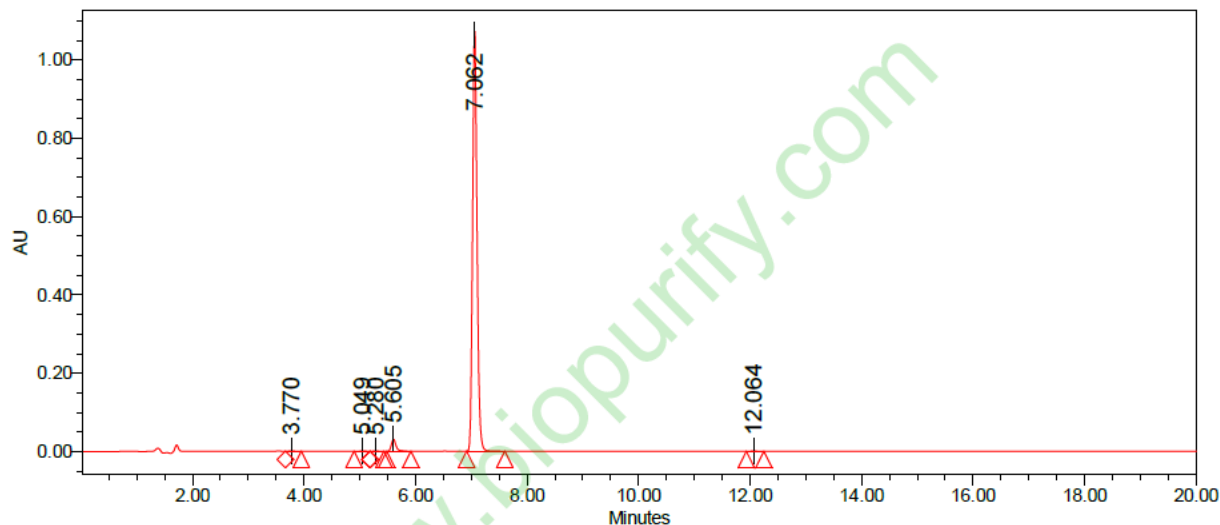


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## SAMPLE INFORMATION

|                   |                         |                     |                         |
|-------------------|-------------------------|---------------------|-------------------------|
| Sample Name:      | Sec-O- Glucosylhamaudol | Acquired By:        | System                  |
| Sample Type:      | Unknown                 | Sample Set Name:    |                         |
| Vial:             | 6                       | Acq. Method Set:    | Sec-O -Glucosylhamaudol |
| Injection #:      | 1                       | Processing Method:  | Samples                 |
| Injection Volume: | 10.00 ul                | Channel Name:       | 297.0nm                 |
| Run Time:         | 20.0 Minutes            | Proc. Chnl. Descr.: | PDA 297.0 nm            |
| Date Acquired:    | 2015-1-26 11:41:33 CST  |                     |                         |
| Date Processed:   | 2015-1-26 12:45:58 CST  |                     |                         |

## Auto-Scaled Chromatogram



## Peak Results

|   | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|---|------|--------|---------|--------|-----------------|----------------|
| 1 |      | 3.770  | 3722    | 0.06   | 8047.54         |                |
| 2 |      | 5.049  | 3766    | 0.06   | 16416.21        | 7.78           |
| 3 |      | 5.280  | 2648    | 0.04   | 16916.85        | 1.43           |
| 4 |      | 5.605  | 174213  | 2.81   | 24128.87        | 2.06           |
| 5 |      | 7.062  | 6014311 | 96.93  | 37446.25        | 9.77           |
| 6 |      | 12.064 | 6226    | 0.10   | 65400.60        | 28.37          |