



**同田生物**  
**TAUTO BIOTECH**

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|                       |  |  |
|-----------------------|--|--|
| <b>PRODUCT ID</b>     | E-0504                                 | <p align="center"><b>Structure</b></p> |
| <b>PRODUCT</b>        | Anhydroicaritin/脱水淫羊藿素                 |  |
| <b>STANDARD TYPE</b>  | Quantitative Reference Material (含量测定) |  |
| <b>LOT NUMBER</b>     | 17071321                               |  |
| <b>ASSAY METHOD</b>   | HPLC,MS,NMR                            |  |
| <b>DATE OF SAMPLE</b> | 2017-07-13                             |  |
| <b>DATE OF REPORT</b> | 2017-07-13                             |  |

**OTHER NAME** icariside II;3,5,7-trihydroxy-4'-methoxyflavone

**CHEMICAL FORMULA** C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>

**MOLECULAR WEIGHT(MW)** 368.53

**CAS NUMBER** 118525-40-9

**CHEMICAL FAMILY** Flavonoids 黄酮类

**FROM** Epimedium brevicornum Maxim.

**ANALYTICAL RESULT**

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK639—2010 | NLT ≥98.0%    | Conforms |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK639—2010 | NA            | ND       |
| Water            | Q/TFFK639—2010 | ≤2%           | Conforms |
| Appearance       |                | Yellow Powder | Conforms |

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

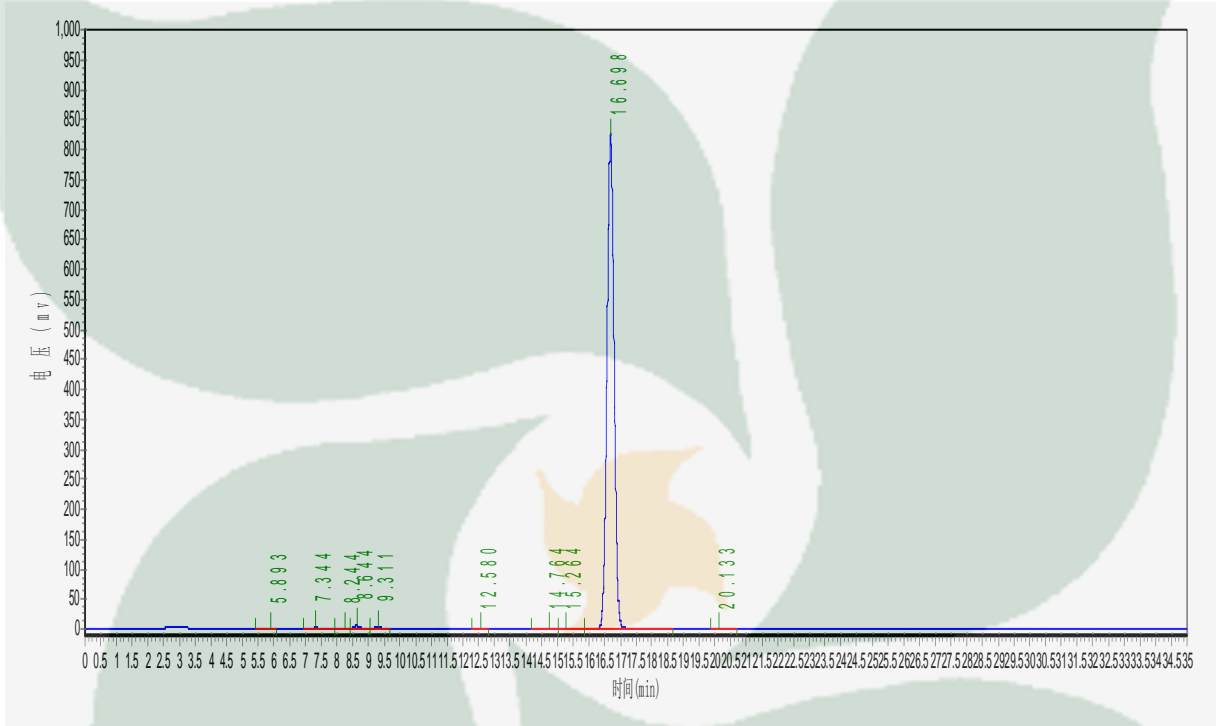
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Anhydroicaritin      **Chrom-Column:** C18  
**Lot Number:** 17071321      **Mobile Phase:** ACN:0.1%H3PO4(grads)  
**Detector:** UV      **Wavelength:** 270nm  
**Detect Time:** 2017-07-13      **Inject Vol:** 20ul  
**Analyst:** shuzhilin      **Flow:** 1.0ml/min



| No. | Ret.Time<br>min | Height<br>mAU | Area<br>mAU*min | Rel.Area<br>% |
|-----|-----------------|---------------|-----------------|---------------|
| 1   | 5.893           | 591.500       | 9467.600        | 0.0725        |
| 2   | 7.344           | 1851.235      | 38055.230       | 0.2913        |
| 3   | 8.244           | 536.076       | 7290.481        | 0.0558        |
| 4   | 8.644           | 5129.962      | 68836.016       | 0.5270        |
| 5   | 9.311           | 3477.438      | 46069.305       | 0.3527        |
| 6   | 12.580          | 359.200       | 4984.475        | 0.0382        |
| 7   | 14.764          | 231.907       | 10223.209       | 0.0783        |
| 8   | 15.264          | 268.767       | 6367.847        | 0.0487        |
| 9   | 16.698          | 819142.375    | 12866687.000    | 98.5019       |
| 10  | 20.133          | 206.140       | 4392.753        | 0.0336        |

|           | Grads |     |
|-----------|-------|-----|
| time/min  | 0     | 35  |
| ACN       | 70    | 100 |
| 0.1%H3PO4 | 30    | 0   |