



同田生物  
TAUTO BIOTECH

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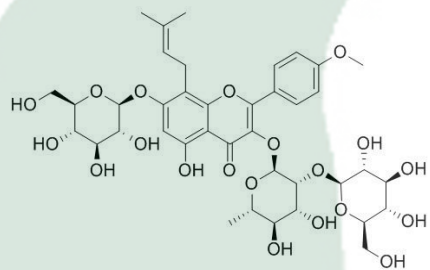
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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|                |                                      |  |
|----------------|--------------------------------------|--|
| PRODUCT ID     | E-0368                               | <b>Structure</b><br> |
| PRODUCT        | Epimedin A /朝藿定A                     |  |
| STANDARD TYPE  | Qualitative Reference Material/ 含量测定 |  |
| LOT NUMBER     | 18050224                             |  |
| ASSAY METHOD   | HPLC,MS,NMR                          |  |
| DATE OF SAMPLE | 2018-05-02                           |  |
| DATE OF REPORT | 2018-05-02                           |  |

OTHER NAME NA  
CHEMICAL FORMULA C<sub>39</sub>H<sub>50</sub>O<sub>20</sub>  
MOLECULAR WEIGHT(MW) 838.8  
CAS NUMBER 110623-72-8  
CHEMICAL FAMILY Flavonoids

**ANALYTICAL RESULT**

| TEST             | METHOD         | SPECIFICATION      | RESULT   |
|------------------|----------------|--------------------|----------|
| HPLC             | Q/TFFK265—2007 | NLT ≥96.0%         | 96.5%    |
| NMR              |                | Conforms           | Conforms |
| MS               |                | Conforms           | Conforms |
| Residual Solvent | Q/TFFK265—2007 | NA                 | ND       |
| Water            | Q/TFFK265—2007 | ≤2%                | Conforms |
| Appearance       |                | Pale Yellow Powder | Conforms |

**STORAGE CONDITIONS**

STORAGE Refer to the label  
SHELF LIFE 2 Years

Analyst

Checker

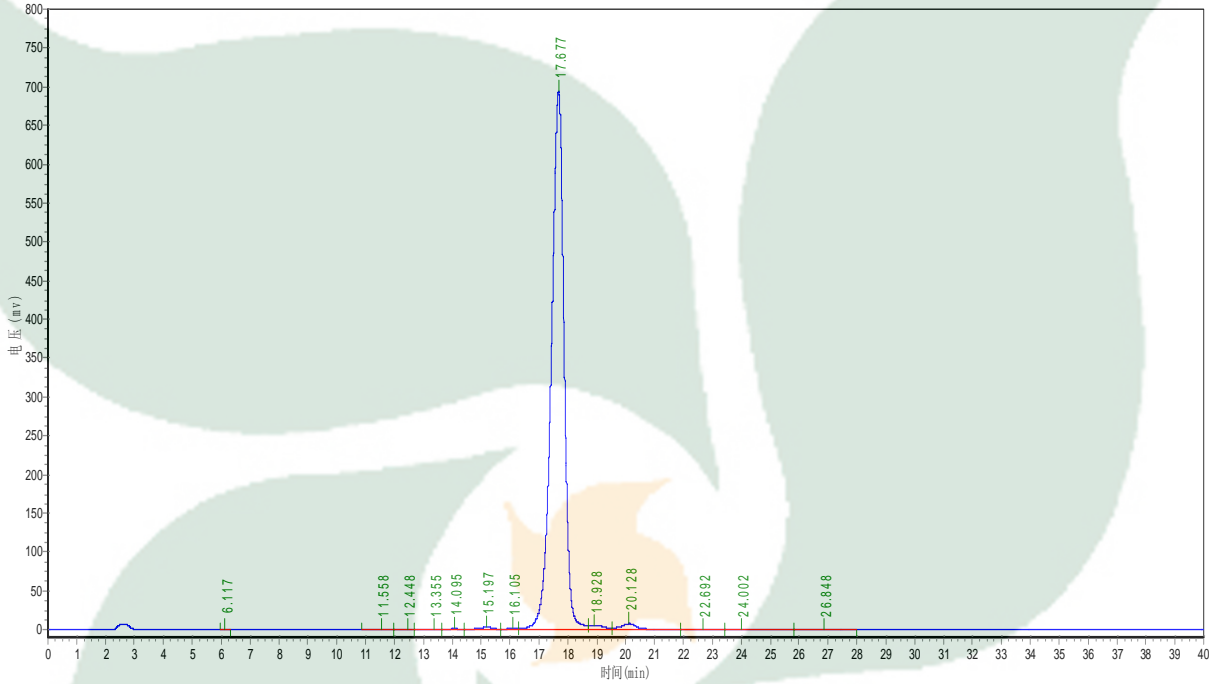
Manager

# Product Analysis Report

Product Name: Epimedín A Chrom-Column C18

Lot Number: 18050224 Mobile Phase: ACN: 0.1%H3PO4=25: 75

Detector: UV Wavelength: 270nm  
Detect Time: 2018-05-02 Inject Vol: 20ul  
Sample dissolution: MeOH Flow: 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|--------------|------------|--------------|------------|
| 1   | 6.117        | 138.806    | 1111.000     | 0.0050     |
| 2   | 11.558       | 198.823    | 6599.603     | 0.0299     |
| 3   | 12.448       | 324.127    | 9535.367     | 0.0432     |
| 4   | 13.355       | 652.625    | 25017.279    | 0.1133     |
| 5   | 14.095       | 1028.195   | 33625.902    | 0.1523     |
| 6   | 15.197       | 3173.951   | 108687.992   | 0.4924     |
| 7   | 16.105       | 1291.467   | 36445.598    | 0.1651     |
| 8   | 17.677       | 693971.688 | 21302634.000 | 96.5152    |
| 9   | 18.928       | 5524.158   | 200860.297   | 0.9100     |
| 10  | 20.128       | 7813.048   | 320622.688   | 1.4526     |
| 11  | 22.692       | 221.721    | 13477.191    | 0.0611     |
| 12  | 24.002       | 133.892    | 8009.824     | 0.0363     |
| 13  | 26.848       | 133.859    | 5176.067     | 0.0235     |