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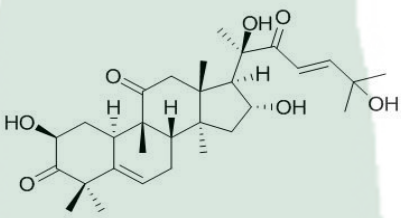
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|                       |                                      |  |
|-----------------------|--------------------------------------|--|
| <b>PRODUCT ID</b>     | E-2596                               | <b>Structure</b><br> |
| <b>PRODUCT</b>        | Cucurbitacin D/葫芦素D                  |  |
| <b>STANDARD TYPE</b>  | Qualitative Reference Material/ 含量测定 |  |
| <b>LOT NUMBER</b>     | 17081621                             |  |
| <b>ASSAY METHOD</b>   | HPLC,NMR                             |  |
| <b>DATE OF SAMPLE</b> | 2017-08-16                           |  |
| <b>DATE OF REPORT</b> | 2017-08-16                           |  |

**OTHER NAME** 葫芦苦素D;Elatericin A; Elatericine A

**CHEMICAL FORMULA** C<sub>32</sub>H<sub>44</sub>O<sub>7</sub>

**MOLECULAR WEIGHT(MV)** 516.67

**CAS NUMBER** 3877-86-9

**CHEMICAL FAMILY** Triterpenoids三萜类

**FROM** 甜瓜Cucumis melo

**ANALYTICAL RESULT**

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK509—2007 | NLT ≥98.0%    | Conforms |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK509—2007 | NA            | ND       |
| Water            | Q/TFFK509—2007 | ≤2%           | Conforms |
| Appearance       |                | White Powder  | Conforms |

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

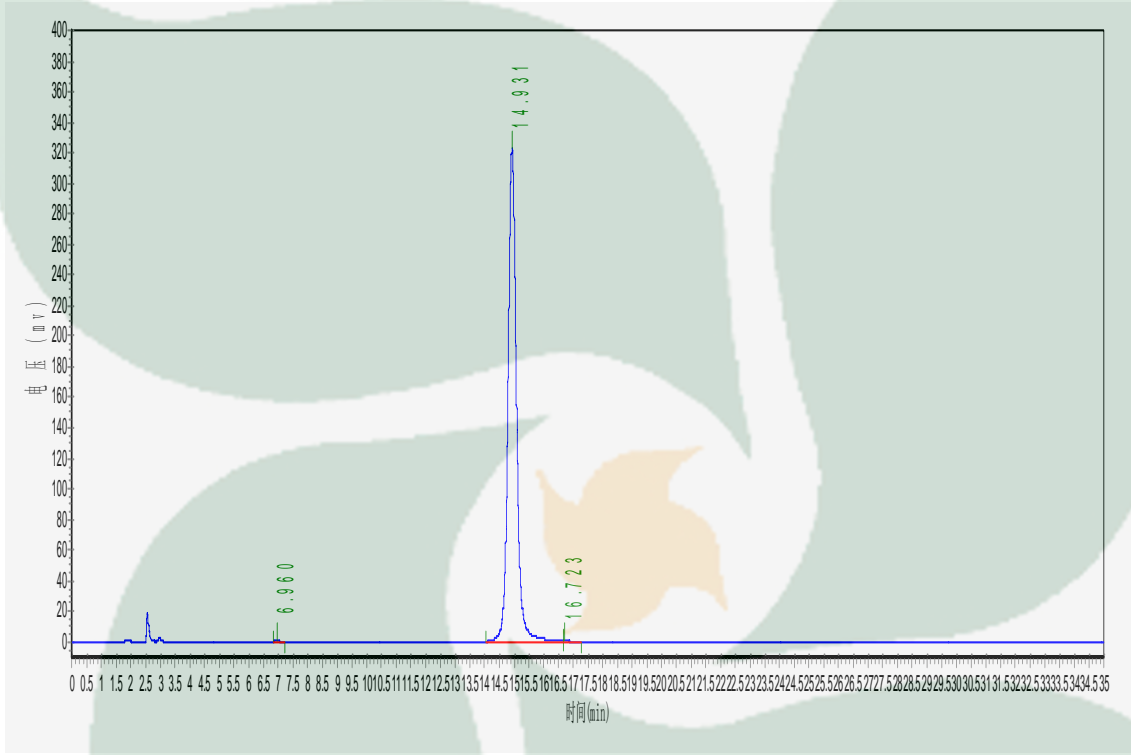
**Analyst**

**Checker**

**Manager**

# Product Analysis Report

**Product Name:** Cucurbitacin D      **Chrom-Column:** C18  
**Lot Number:** 17081621      **Mobile Phase:** ACN:0.1%H3PO4=35:65  
**Detector:** UV      **Wavelength:** 228nm  
**Detect Time:** 2017-08-16      **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   | 6.960           | 659.795       | 7090.664        | 0.1100        |
| 2   | 14.931          | 322999.781    | 6436372.500     | 99.8149       |
| 3   | 16.723          | 333.553       | 4846.339        | 0.0752        |