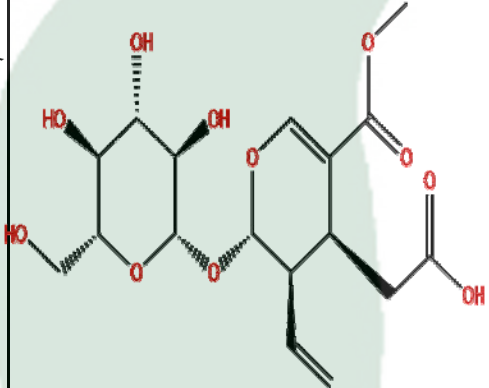


|                       |  |  |
|-----------------------|--|--|
| <b>PRODUCT ID</b>     | E-2455                                 | <b>Structure</b><br> |
| <b>PRODUCT</b>        | Secoxyloganin/断氧化马钱子苷                  |  |
| <b>STANDARD TYPE</b>  | Quantitative Reference Material (含量测定) |  |
| <b>LOT NUMBER</b>     | 15072323                               |  |
| <b>ASSAY METHOD</b>   | HPLC,MS,NMR                            |  |
| <b>DATE OF SAMPLE</b> | 2015-07-23                             |  |
| <b>DATE OF REPORT</b> | 2015-07-23                             |  |

**CHEMICAL NAME**

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>17</sub>H<sub>24</sub>O<sub>11</sub>

**MOLECULAR WEIGHT(MW)**

404.368

**CAS NUMBER**

58822-47-2

**CHEMICAL FAMILY**

**FROM**

**ANALYTICAL RESULT**

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK102—2007 | NLT ≥98.0%    | Conforms |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK102—2007 | NA            | ND       |
| Water            | Q/TFFK102—2007 | ≤2%           | Conforms |
| Appearance       |                | White Powder  | Conforms |

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

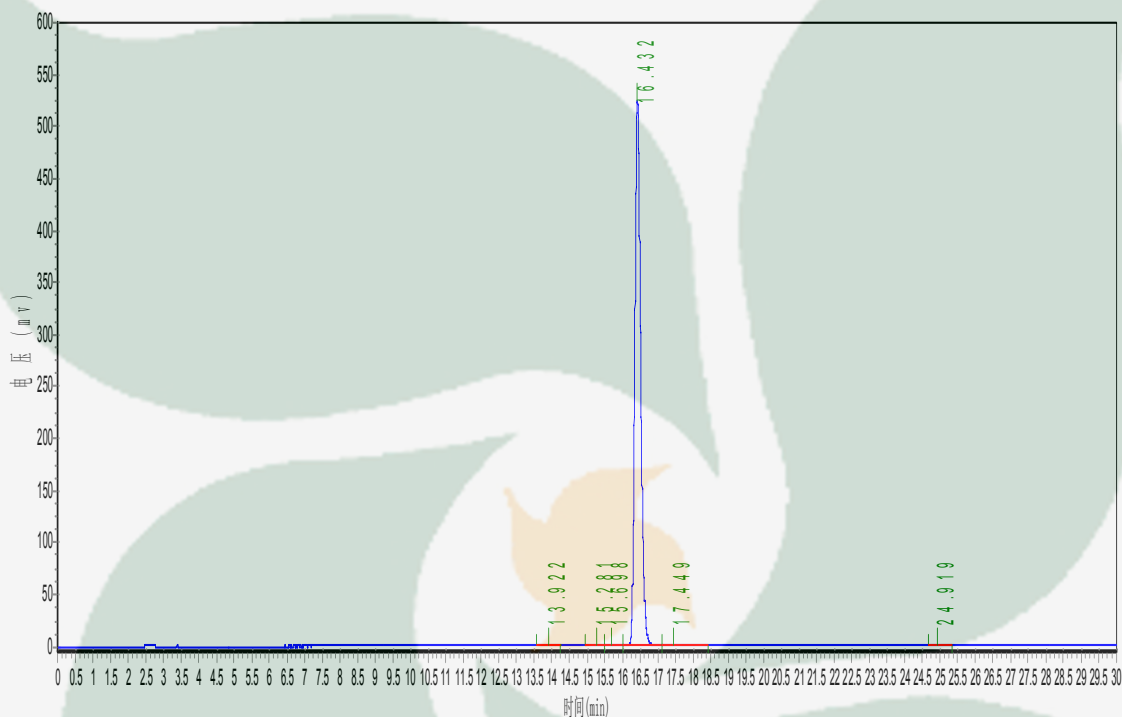
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Secoxyloganin      Chrom-Column: C18  
 Lot Number: 15072323      Mobile Phase: ACN: 0.1%H3PO4(grads)  
 Temperature: 25°C      Wavelength: 235nm  
 Detect Time: 2015-07-23      Inject Vol: 20µL  
 Analyst: shuzhilin      Flow: 1ml/min



| No. | Ret.Time<br>min | Height<br>mAU | Area<br>mAU*min | Rel.Area<br>% |
|-----|-----------------|---------------|-----------------|---------------|
| 1   | 13.922          | 738.194       | 10816.264       | 0.1794        |
| 2   | 15.281          | 201.256       | 5241.072        | 0.0869        |
| 3   | 15.698          | 1290.391      | 20998.893       | 0.3484        |
| 4   | 16.432          | 52052.750     | 5944803.500     | 98.6182       |
| 5   | 17.449          | 1119.360      | 25590.852       | 0.4245        |
| 6   | 24.919          | 1617.270      | 20649.041       | 0.3425        |

grads  
 Time/min      0      30  
 ACN      10      30  
 0.1%H3PO4      90      70