



地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

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

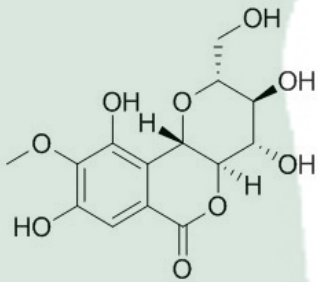
传真：86-21-51320502

QQ:800015916

MSN:Tauto\_shanghai@hotmail.com

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

|                |                                        |                                                                                                         |
|----------------|----------------------------------------|---------------------------------------------------------------------------------------------------------|
| PRODUCT ID     | E-0333                                 | <b>Structure</b><br> |
| PRODUCT        | Bergenin /岩白菜素                         |                                                                                                         |
| STANDARD TYPE  | Quantitative Reference Material (含量测定) |                                                                                                         |
| LOT NUMBER     | 17030741                               |                                                                                                         |
| ASSAY METHOD   | HPLC,MS,NMR                            |                                                                                                         |
| DATE OF SAMPLE | 2017-03-07                             |                                                                                                         |
| DATE OF REPORT | 2017-03-07                             |                                                                                                         |

CHEMICAL NAME

(2R,3S,4S,4aR,10bS)-3,4,8,10-tetrahydroxy-2-(hydroxymethyl)-9-methoxy-3,4,4a,10b-tetrahydro-2H-pyrano[3,2-c]isochromen-6-one

OTHER NAME

CHEMICAL FORMULA

C<sub>14</sub>H<sub>16</sub>O<sub>9</sub>

MOLECULAR WEIGHT(MW)

328.27144

CAS NUMBER

477-90-7

CHEMICAL FAMILY

Phenols酚类

FROM

虎耳草科岩白菜属岩白菜Bergenia purpurascens Engl. 根茎

ANALYTICAL RESULT

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK330—2007 | NLT ≥98.0%    | Conforms |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK330—2007 | NA            | ND       |
| Water            | Q/TFFK330—2007 | ≤2%           | Conforms |
| Appearance       |                | White Powder  | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

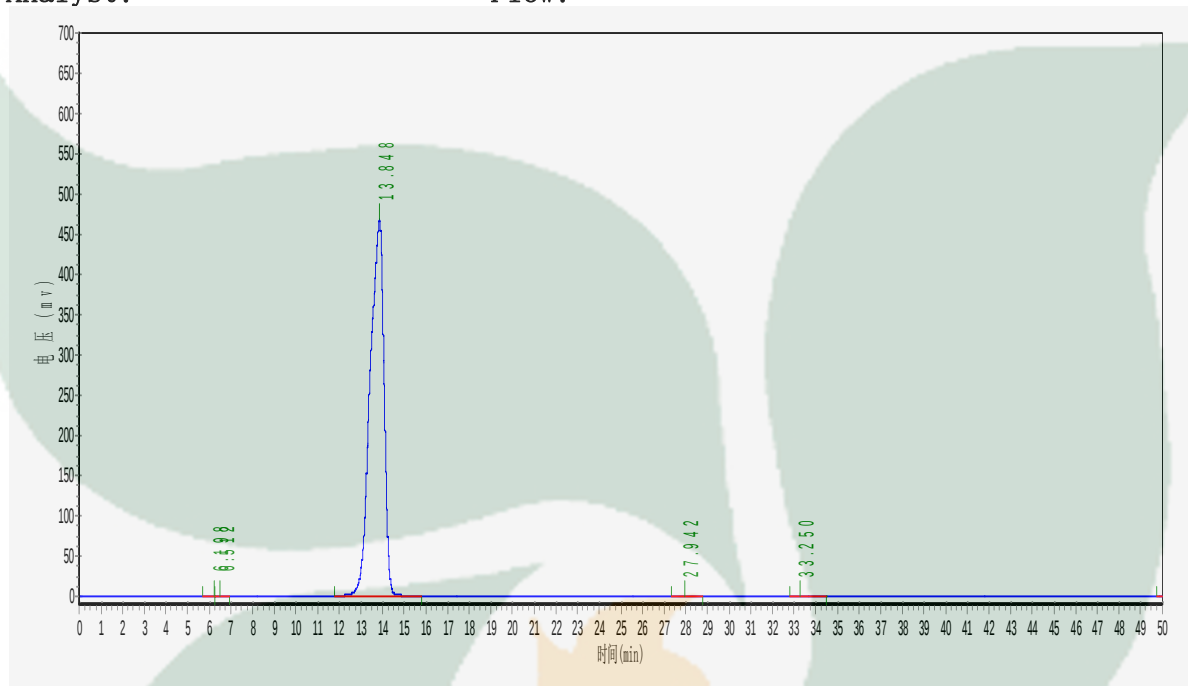
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Bergenin      Chrom-Column: C18  
Lot Number: 17030741      Mobile Phase: MeOH:0.1%H<sub>3</sub>PO<sub>4</sub>=20:80  
Detector: UV      Wavelength: 275nm  
Detect Time: 2017-03-07      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   | 6.198           | 258.155       | 4599.613        | 0.0221        |
| 2   | 6.512           | 540.887       | 9908.983        | 0.0477        |
| 3   | 13.848          | 468603.156    | 20752532.000    | 99.8775       |
| 4   | 27.942          | 56.736        | 1972.000        | 0.0095        |
| 5   | 33.250          | 99.092        | 7039.600        | 0.0339        |
| 6   | 50.602          | 50.799        | 1927.850        | 0.0093        |