



## 产品分析证书

Certificate of Analysis

中文名称：银杏双黄酮

English Name : Ginkgetin

别名(Alias):

产品编码(Cat. No.):BP0642

CAS Number: 481-46-9

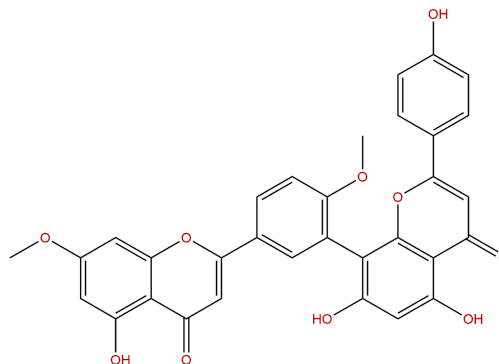
分子式(M. F.): C<sub>32</sub>H<sub>22</sub>O<sub>10</sub>

分子量(M. W.): 566.518

批号(Batch No.): PRF9110505

报告日期(Report date): 2018-11-05

Structure



### 检验结果 ( Analytical result ) :

| 检验项目 ( Test Item )         | 检验指标 ( Specifications )   | 检验结果 ( Results ) |
|----------------------------|---------------------------|------------------|
| 外观Appearance               | Off-white powder          | Off-white powder |
| 干燥失重Loss on drying         | < 3.0%                    | 1.8%             |
| 纯度Purity (HPLC-DAD,323nm)* | ≥98.0%                    | 98.53%           |
| 质谱Mass                     | 566.5±1                   | Conforms         |
| 核磁NMR                      | Comply with the structure | Conforms         |

\* 色谱图见附件 ( Please find HPLC chromatogram attached. )

检测方法 ( Test Method ) : Column:Welth Ultimate XB-C18 4.6\*150mm,3.0um; Column temperature: 30°C; Detection Mode: UV323nm

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A,AcetonitrileB, 0.1% Phosphoric acid in water;Gradient elution: A, 48%-58%, 15min

贮存条件 ( Storage ) :2~8°C, protected from light, keep package airproofed when not in use.

复测期 ( Retest date ) :Three years (2021-11-04) under conditions list above.

QC: Zhang Ling

Date: 2018-11-05

QA: Meng Pan

Date: 2018-11-05

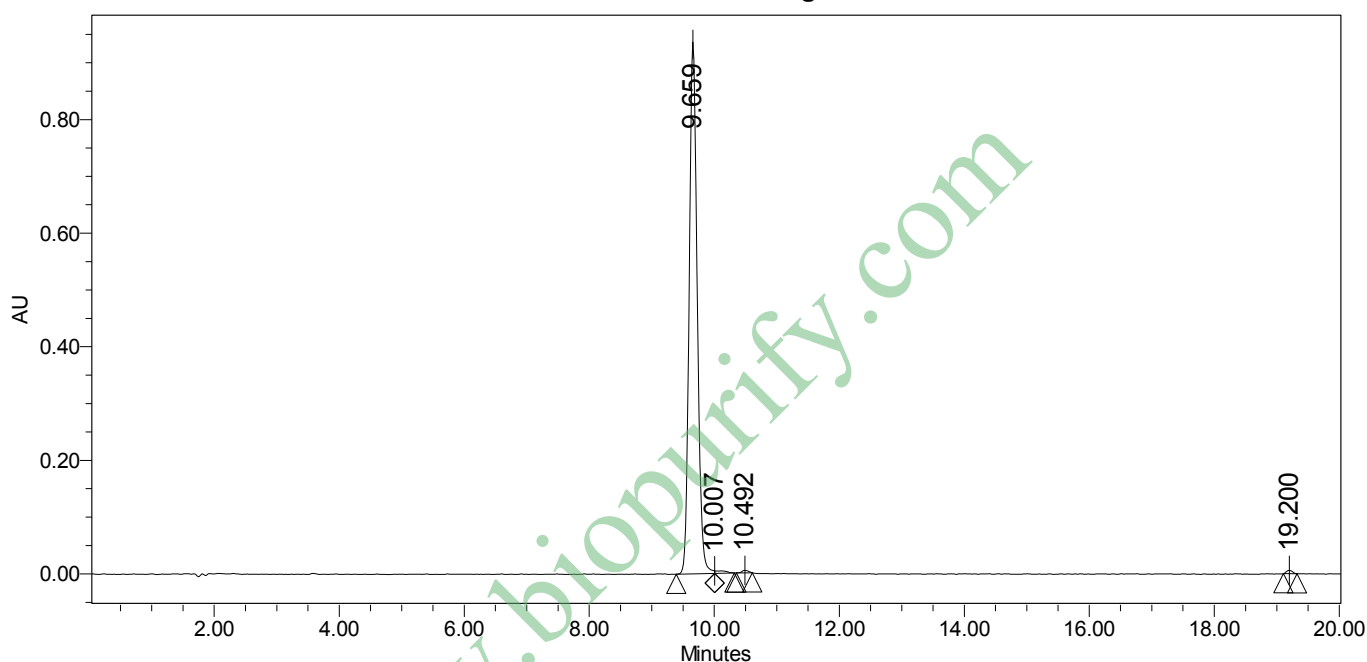
备注(Remarks):The sample solutions should be prepared immediately before use, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks. The quality of the product is only guaranteed to comply with the attached COA.

In case of quality issue, please contact us within 30 days after receipt of the product.

# SAMPLE INFORMATION

|                   |                        |                     |              |
|-------------------|------------------------|---------------------|--------------|
| Sample Name:      | Ginkgetin              | Acquired By:        | System       |
| Sample Type:      | Unknown                | Sample Set Name:    |              |
| Vial:             | 77                     | Acq. Method Set:    | 银杏 02        |
| Injection #:      | 1                      | Processing Method   | Samples      |
| Injection Volume: | 10 ul                  | Channel Name:       | 323.0nm      |
| Run Time:         | 20.0 Minutes           | Proc. Chnl. Descr.: | PDA 323.0 nm |
| Date Acquired:    | 2018-11-3 14:35:13 CST |                     |              |
| Date Processed:   | 2018-11-5 13:09:55 CST |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|   | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|---|------|--------|---------|--------|-----------------|----------------|
| 1 |      | 9.659  | 8377630 | 98.53  | 26890.81        |                |
| 2 |      | 10.007 | 52847   | 0.62   |                 | 1.46           |
| 3 |      | 10.492 | 32952   | 0.39   | 44284.51        | 2.20           |
| 4 |      | 19.200 | 39345   | 0.46   | 186524.89       | 45.59          |