

产品分析证书  
Certificate of Analysis

中文名称: 羽扇豆醇

English Name: Lupeol

别名 (Alias): Monogynol B; Fagarasterol;  $\beta$ -Viscol;  
Cautichicol; Xanthosterin; Clerodol

产品编码 (Cat. No.): BP0893

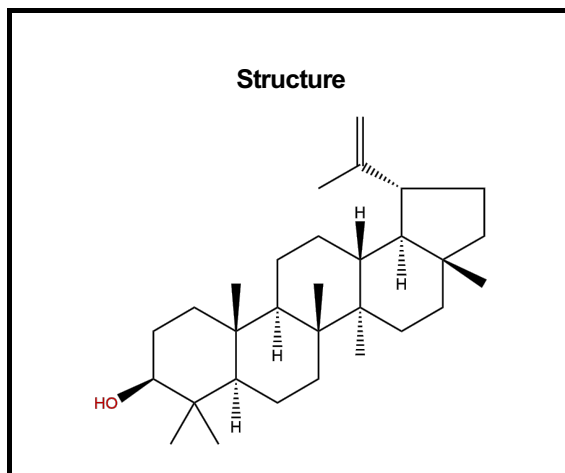
CAS Number: 545-47-1

分子式 (M. F.): C<sub>30</sub>H<sub>50</sub>O

分子量 (M. W.): 426.729

批号 (Batch No.): PRF7101343

报告日期 (Report date): 2016/10/14



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                | White cotton like         | White cotton like |
| 干燥失重 Loss on drying          | <3.0%                     | 1.78%             |
| 纯度 Purity (HPLC-DAD, 205nm)* | ≥98.0%                    | 98.28%            |
| 质谱 Mass                      | 426.729±1                 | Conforms          |
| 核磁 NMR                       | Comply with the structure | Conforms          |

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

贮存条件 (Storage): 2~8℃

复测期 (Retest date): two years (2018-10-13) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

In case of quality issue, please contact us within 15 days after receipt of the product.

QC:

Zhang Ling

Date: 2016年10月14日

QA:

Wu Qi

Date: 2016年10月14日

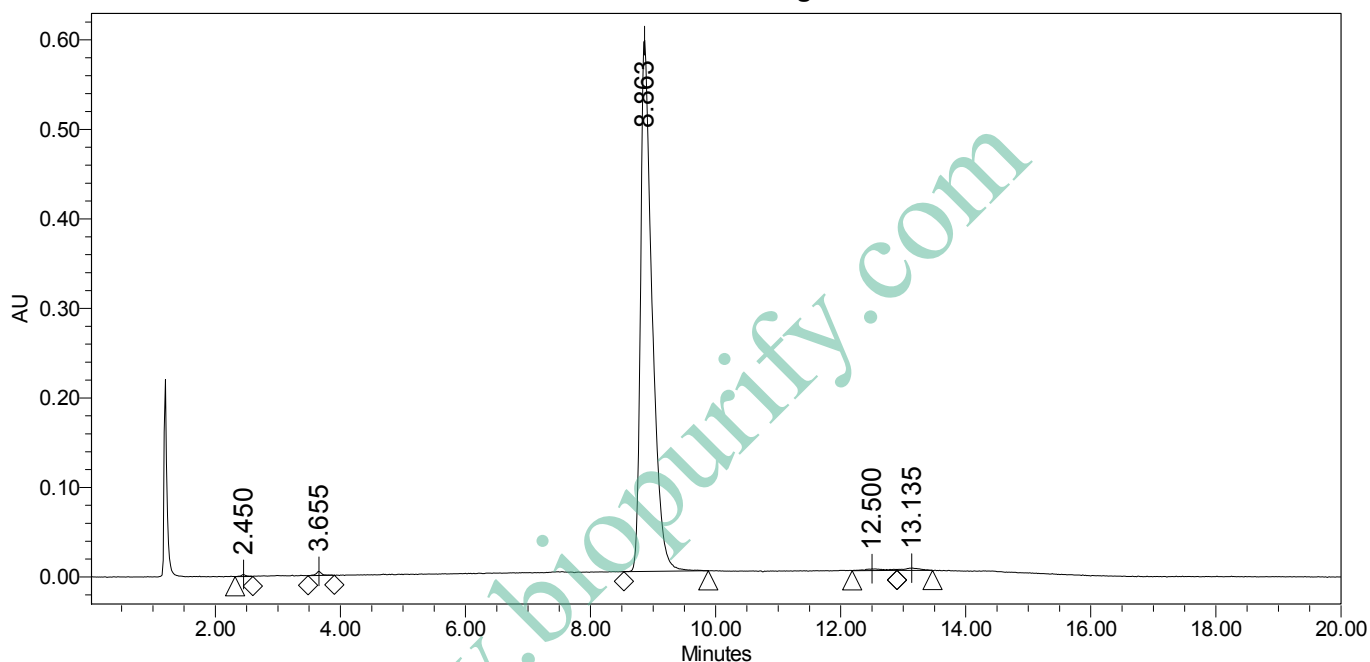
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http://www.biopurify.com Email: sales@biopurify.com biopurify@gmail.com

# SAMPLE INFORMATION

|                   |                         |                     |              |
|-------------------|-------------------------|---------------------|--------------|
| Sample Name:      | Lupeol PRF7101343       | Acquired By:        | System       |
| Sample Type:      | Unknown                 | Sample Set Name:    |              |
| Vial:             | 98                      | Acq. Method Set:    | Lupeol       |
| Injection #:      | 1                       | Processing Method:  | Samples      |
| Injection Volume: | 5.00 ul                 | Channel Name:       | 205.0nm      |
| Run Time:         | 20.0 Minutes            | Proc. Chnl. Descr.: | PDA 205.0 nm |
| Date Acquired:    | 2016-10-14 16:53:32 CST |                     |              |
| Date Processed:   | 2016-10-14 17:21:11 CST |                     |              |

## Auto-Scaled Chromatogram



## Peak Results

|   | Name | RT     | Area    | % Area | USP Plate Count | USP Resolution |
|---|------|--------|---------|--------|-----------------|----------------|
| 1 |      | 2.450  | 11904   | 0.15   | 6675.60         |                |
| 2 |      | 3.655  | 29141   | 0.37   | 10518.83        | 7.86           |
| 3 |      | 8.863  | 7654081 | 98.28  | 11105.77        | 20.26          |
| 4 |      | 12.500 | 44401   | 0.57   |                 | 10.30          |
| 5 |      | 13.135 | 48654   | 0.62   | 14591.47        |                |