

**产品分析证书**  
Certificate of Analysis

中文名称 : 5,7-二羟基色原酮

English Name : 5,7-Dihydroxychromone

别名(Alias): 5,7-Dihydroxy-4H-chromen-4-one

产品编码(Cat. No.):BP0081

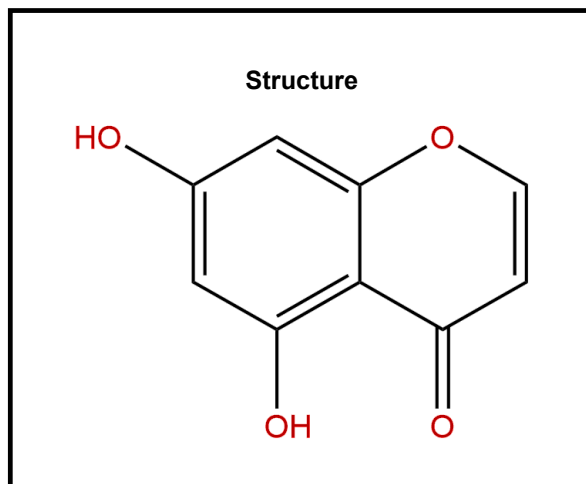
CAS Number: 31721-94-5

分子式(M. F.): C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>

分子量(M. W.): 178.143

批号(Batch No.): PRF8110241

报告日期(Report date): 2017-11-02



**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               | Light yellow powder       | Light yellow powder |
| 干燥失重Loss on drying         | < 3.0%                    | 1.1%                |
| 纯度Purity (HPLC-DAD,256nm)* | ≥98.0%                    | 99.31%              |
| 质谱Mass                     | 178.1±1                   | Conforms            |
| 核磁NMR                      | Comply with the structure | Conforms            |

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

检测方法 ( Test Method ) : Column: Thermo Hypersil GOLD AQ C18 , 4.6\*250mm , 5.0um; Column temperature: 30°C; Detection Mode:

UV256nm ; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Acetic acid in water B, Acetonitrile ; Gradient

elution: B,20%-35%,15min.

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

复测期 ( Retest date ) :two years (2019-11-01) under conditions list above.

QC: Zhang Ling

Date: 2017-11-02

QA: Wu Qi

Date: 2017-11-02

备注(Remarks): The sample solutions should be prepared on the same day, 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.

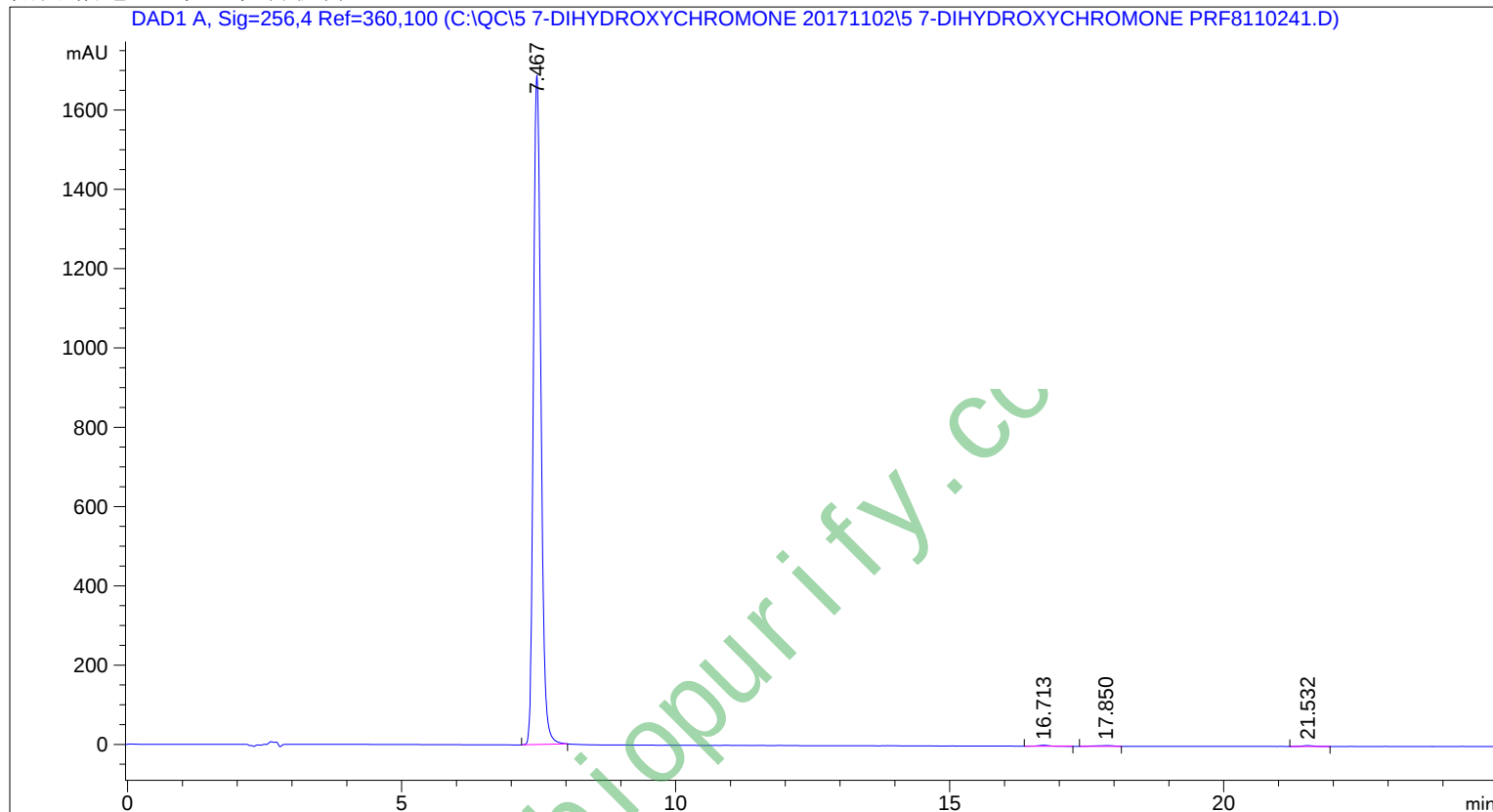
In case of quality issue, please contact us within 15 days after receipt of the product.

Tel: +86-28-82633397 Fax: +86-28-82633165

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

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操作者 : 1  
仪器 : 仪器 1 位置 : 样品瓶 22  
进样日期 : 2017-11-2 13:58:26 进样量 : 10.0 µl  
采集方法 : C:\QC\5.7-DIHYDROXYCHROMONE.M  
最后修改 : 2017-11-2 14:12:49 : 1  
(调用后修改)  
分析方法 : C:\QC\5.7-DIHYDROXYCHROMONE.M  
最后修改 : 2017-11-2 14:19:07 : 1  
(调用后修改)

附加信息: 峰已手动积分



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面积百分比报告  
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排序 : 信号  
乘积因子: : 1.0000  
稀释因子: : 1.0000  
内标使用乘积因子和稀释因子

信号 1: DAD1 A, Sig=256,4 Ref=360,100

| 峰 # | 保留时间 [min] | 类型   | 峰宽 [min] | 峰面积 [mAU*s] | 峰高 [mAU]   | 峰面积 %   |
|-----|------------|------|----------|-------------|------------|---------|
| 1   | 7.467      | BBA  | 0.1489   | 1.60446e4   | 1687.93604 | 99.3122 |
| 2   | 16.713     | BB   | 0.2206   | 35.09884    | 2.40046    | 0.2173  |
| 3   | 17.850     | MM R | 0.4055   | 43.44053    | 1.78560    | 0.2689  |
| 4   | 21.532     | BB   | 0.2206   | 32.58438    | 2.20230    | 0.2017  |

总量 : 1.61557e4 1694.32440

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\*\*\* 报告结束 \*\*\*