

产品分析证书
Certificate of Analysis

中文名称: 漆黄素

English Name: Fisetin

别名 (Alias): 3,3',4',7-Tetrahydroxyflavone

产品编码 (Cat. No.): BP0590

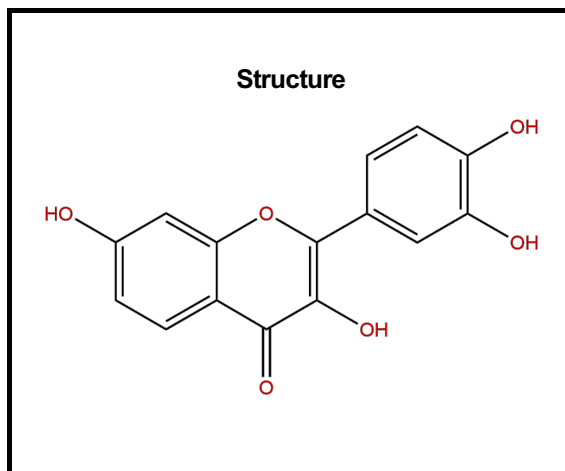
CAS Number: 528-48-3

分子式 (M. F.): C₁₅H₁₀O₆

分子量 (M. W.): 286.239

批号 (Batch No.): PRF8061322

报告日期 (Report date): 2017-06-13



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	Yellow powder	Yellow powder
干燥失重 Loss on drying	<3.0%	1.45%
纯度 Purity (HPLC-DAD, 360nm)*	≥95.0%	97.88%
质谱 Mass	286.2±1	Conforms
核磁 NMR	Comply with the structure	Conforms
含量 Assay	≥98.0%	119.7%

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

检测方法 (Test Method): Column: Agilent 5TC-C18, 4.6*150mm; Column temperature: 30°C; Detection Mode: UV360nm; Flow Rate: 1.0ml/min;

Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B, 15%-25%, 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 (2019-06-12) under conditions list above.

QC: Zhang Ling

Date: 2017-06-13

QA: Wu Qi

Date: 2017-06-13

备注 (Remarks): The sample solutions should be prepared and used immediately after use. 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.

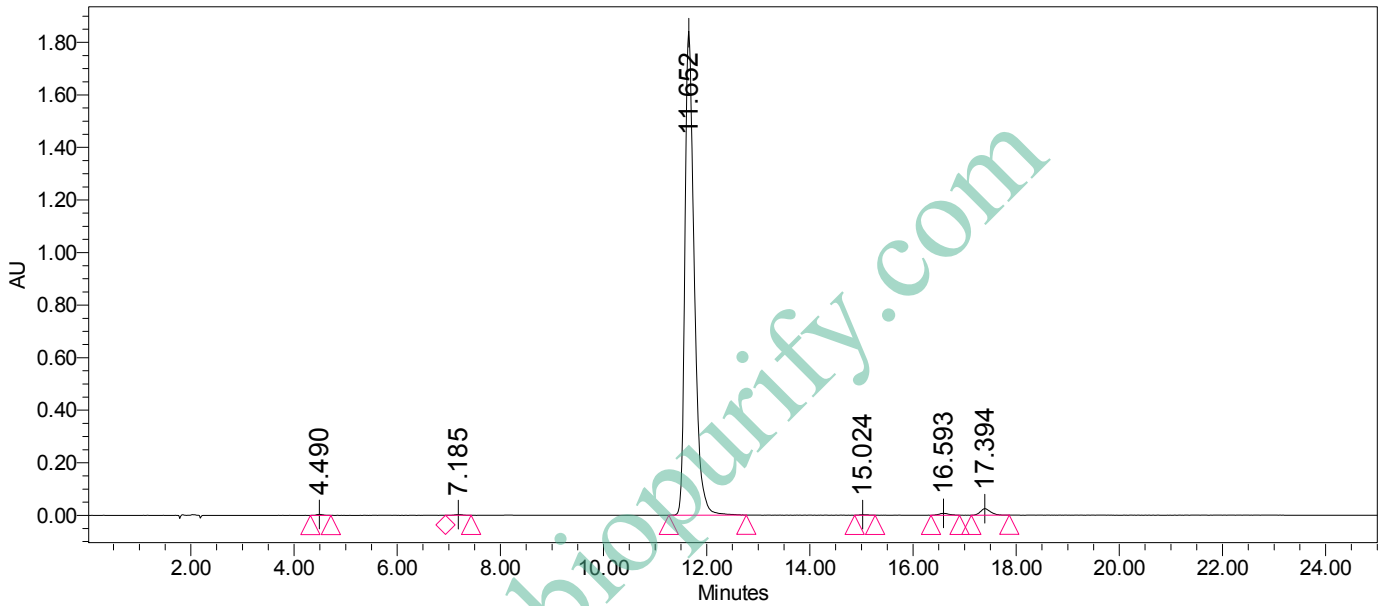
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Fisetin PRF8061322	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Fisetin 漆黄素
Vial:	19	Acq. Method Set:	Fisetin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	360.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 360.0 nm
Date Acquired:	2017-6-13 11:11:24 CST		
Date Processed:	2017-6-13 12:54:29 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.490	33293	0.14	5604.0	
2		7.185	30882	0.13	11084.1	9.4
3		11.652	23239361	97.88	20612.7	13.1
4		15.024	18340	0.08	44663.6	10.8
5		16.593	88700	0.37	34692.5	4.8
6		17.394	331225	1.40	36550.3	2.2