

产品分析证书
Certificate of Analysis

中文名称: 茶黄素

English Name: Theaflavin

别名 (Alias):

产品编码 (Cat. No.): BP1384

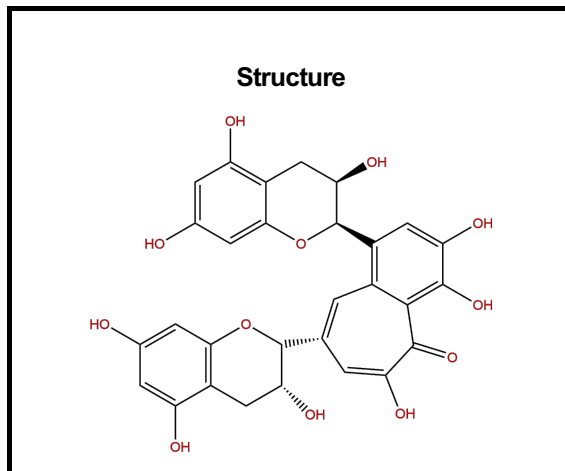
CAS Number: 4670-05-7

分子式 (M. F.): C₂₉H₂₄O₁₂

分子量 (M. W.): 564.499

批号 (Batch No.): PRF10050802

报告日期 (Report date): 2019-05-08



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	Orange solid	Orange solid
干燥失重 Loss on drying	<3.0%	2.5%
纯度 Purity (HPLC-DAD, 270nm)*	≥98.0%	98.90%
质谱 Mass	564.4±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: Agilent 5HC-C18, 4.6*250mm, 5μm; Column temperature: 30°C; Detection Mode: UV270nm; Flow Rate: 1.0ml/min;

Sample dissolution: Methanol; Mobile Phase: A, Acetonitrile B, Water; Gradient elution: A, 25%-30%, 15min.

贮存条件 (Storage): -40°C, protected from light, keep package airproofed when not in use.

复测期 (Retest date): Two years (2021-05-07) under conditions list above.

QC: Zhang Ling

Date: 2019-05-08

QA: Meng Pan

Date: 2019-05-08

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

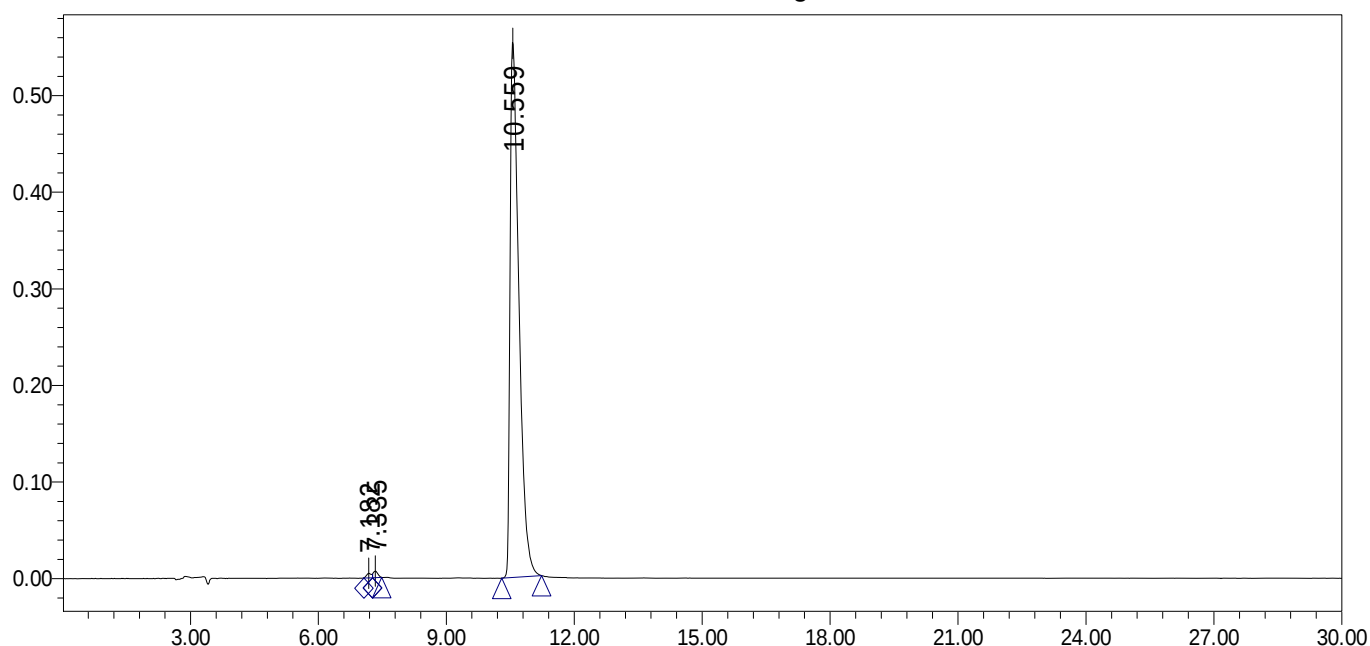
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Theaflavin	Acquired By:	PRF01
Sample Type:	Unknown	Sample Set Name:	
Vial:	15	Acq. Method Set:	Theaflavin
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	270.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired:	2019-5-8 10:02:16 CST		
Date Processed:	2019-5-8 10:48:13 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.182	38160	0.47		
2	7.335	50592	0.63	13893.67	
3	10.559	7991500	98.90	12189.08	