

产品分析证书
Certificate of Analysis

中文名称：茶黄素-3,3'-双没食子酸酯

English Name：Theaflavin 3,3'-digallate

别名(Alias): Theaflavin 3,3'-di-O-gallate

产品编码(Cat. No.):BP1385

CAS Number: 30462-35-2

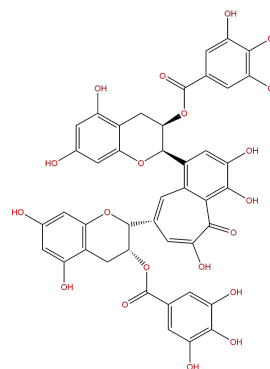
分子式(M. F.): C₄₃H₃₂O₂₀

分子量(M. W.): 868.709

批号(Batch No.): PRF8092241

报告日期(Report date): 2017-09-22

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	Brick red powder	Brick red powder
干燥失重Loss on drying	< 3.0%	1.6%
纯度Purity (HPLC-DAD,270nm)*	≥97.0%	97.06%
质谱Mass	868.7±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 HyPURITY C18 , 4.6*150mm , 3.0um; Column temperature: 30°C; Detection Mode: UV270nm ;

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% formic acid in water B, Acetonitrile; Gradient elution: B, 20%-30%,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 (2019-09-21) under conditions list above.

QC: Zhang Ling

Date: 2017-09-22

QA: Wu Qi

Date: 2017-09-22

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.

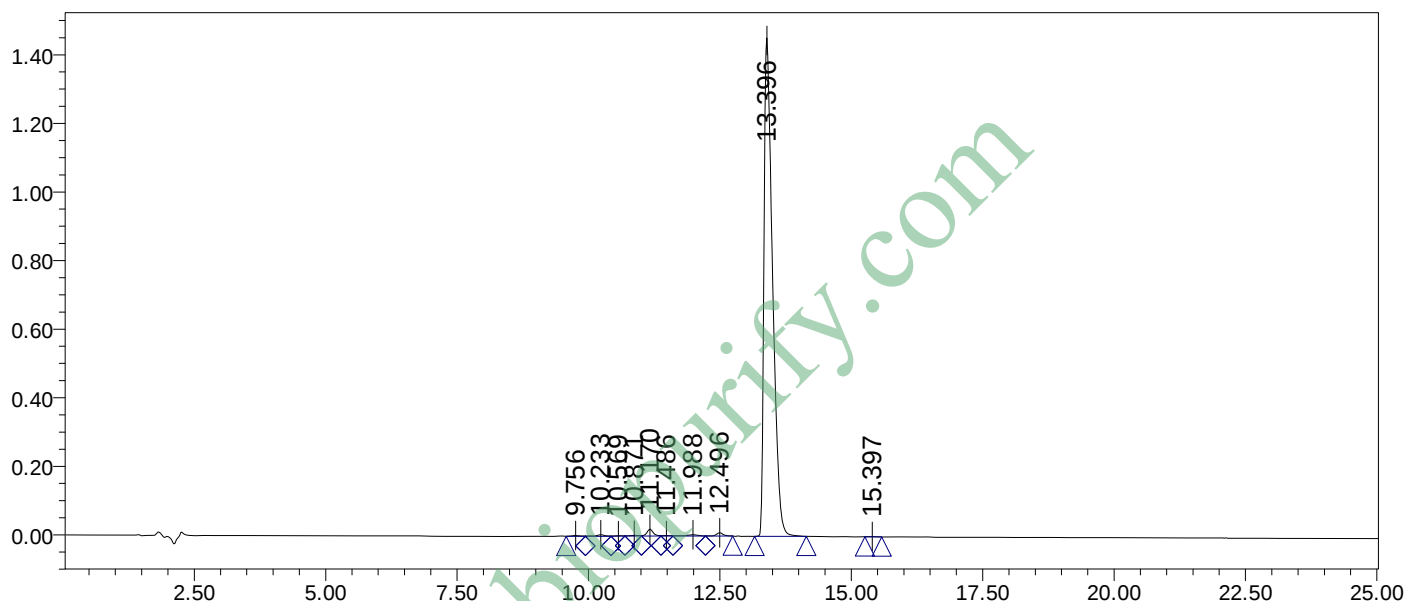
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Theaflavin 3,3'-digallate	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	18	Acq. Method Set:	Theaflavin 3,3'-digallate
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	270.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired:	2017-9-22 9:03:27 CST		
Date Processed:	2017-9-22 9:32:10 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	9.756	20701	0.12	23469.88	
2	10.233	48225	0.29	25247.75	1.74
3	10.569	17554	0.10		
4	10.871	32221	0.19		
5	11.170	175041	1.04	43222.58	
6	11.486	23464	0.14		
7	11.988	75173	0.45	15631.47	
8	12.496	93974	0.56	46032.20	1.41
9	13.396	16394241	97.06	29818.52	3.24
10	15.397	9408	0.06	78918.63	7.58