

产品分析证书
Certificate of Analysis

中文名称: 单咖啡酰酒石酸

English Name: Caftaric acid

别名 (Alias): Monocaffeoyltartaric acid; Caffeoyltartaric acid

产品编码 (Cat. No.): BP0302

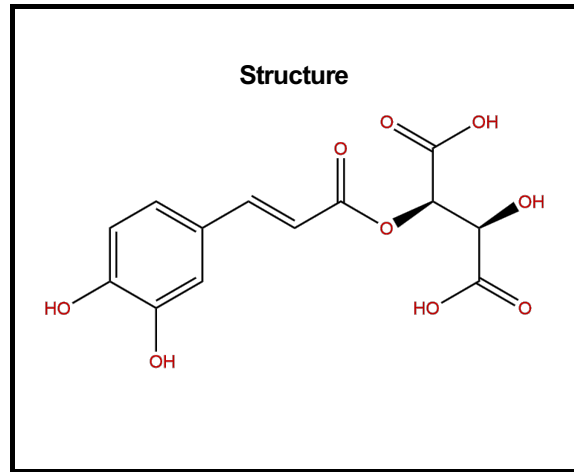
CAS Number: 67879-58-7

分子式 (M. F.): C₁₃H₁₂O₉

分子量 (M. W.): 312.23

批号 (Batch No.): PRF8062003

报告日期 (Report date): 2017-06-20



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 brown powder	Light brown powder
纯度 Purity (HPLC-DAD, 325nm)*	≥98.0%	99.55%
质谱 Mass	312.2±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.41%

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

检测方法 (Test Method): Column: Agilent 5TC-C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV325nm; Flow Rate: 1.0ml/min; Sample dissolution: 10% methanol in water; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B, 7%-15% 15min.

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

复测期 (Retest date): two years (2019-06-19) under conditions list above.

QC: Zhang Ling
Date: 2017-06-20

QA: Wu Qi
Date: 2017-06-20

备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. 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.

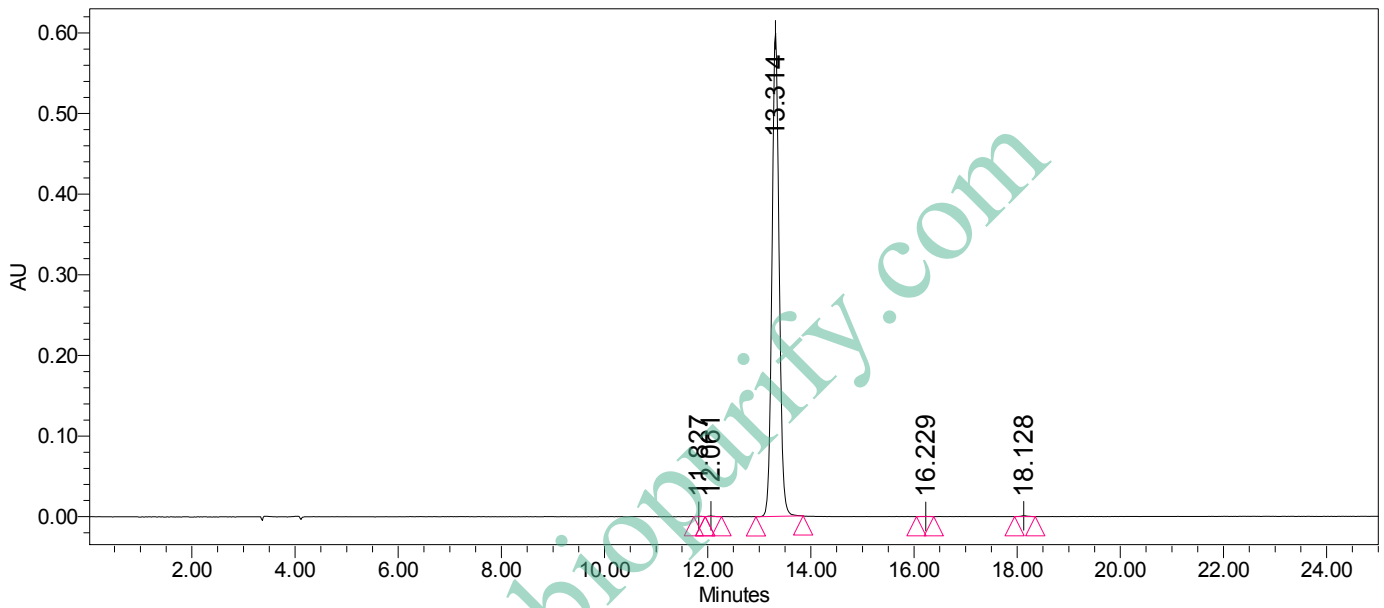
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Caffaric acid PRF8062003	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	39	Acq. Method Set:	Caffaric acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	325.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 325.0 nm
Date Acquired:	2017-6-20 15:44:18 CST		
Date Processed:	2017-6-20 16:10:58 CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	11.827	3888	0.07	64523.6	
2	12.061	8046	0.14	45754.1	1.1
3	13.314	5835118	99.55	43985.8	5.1
4	16.229	3662	0.06	65378.4	9.9
5	18.128	10601	0.18	74658.0	6.2