

产品分析证书
Certificate of Analysis

中文名称: 绿原酸

English Name: Chlorogenic acid

别名 (Alias): Caffeylquinic acid; Caffetannic acid;
Helianthic acid; Igasuric acid;

产品编码 (Cat. No.): BP0345

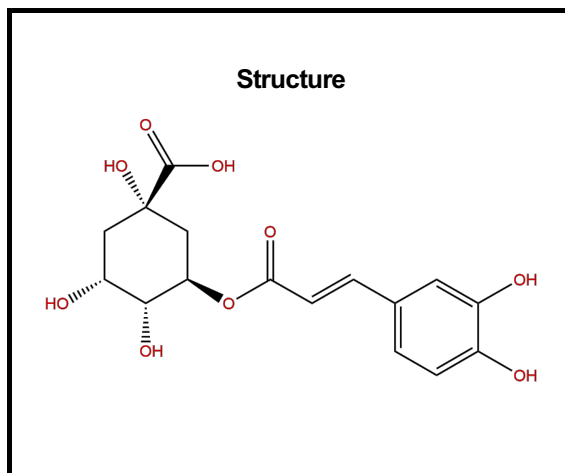
CAS Number: 327-97-9

分子式 (M. F.): C₁₆H₁₈O₉

分子量 (M. W.): 354.311

批号 (Batch No.): PRF7102045

报告日期 (Report date): 2016/10/21



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 grey powder	Light grey powder
干燥失重 Loss on drying	<3.0%	1.31%
纯度 Purity (HPLC-DAD, 326nm)*	≥98.0%	98.88%
质谱 Mass	354.311±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

贮存条件 (Storage): 2~8℃

复测期 (Retest date): two years (2018-10-20) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

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

QC:

Zhang Ling

Date: 2016年10月21日

QA:

Wu Qi

Date: 2016年10月21日

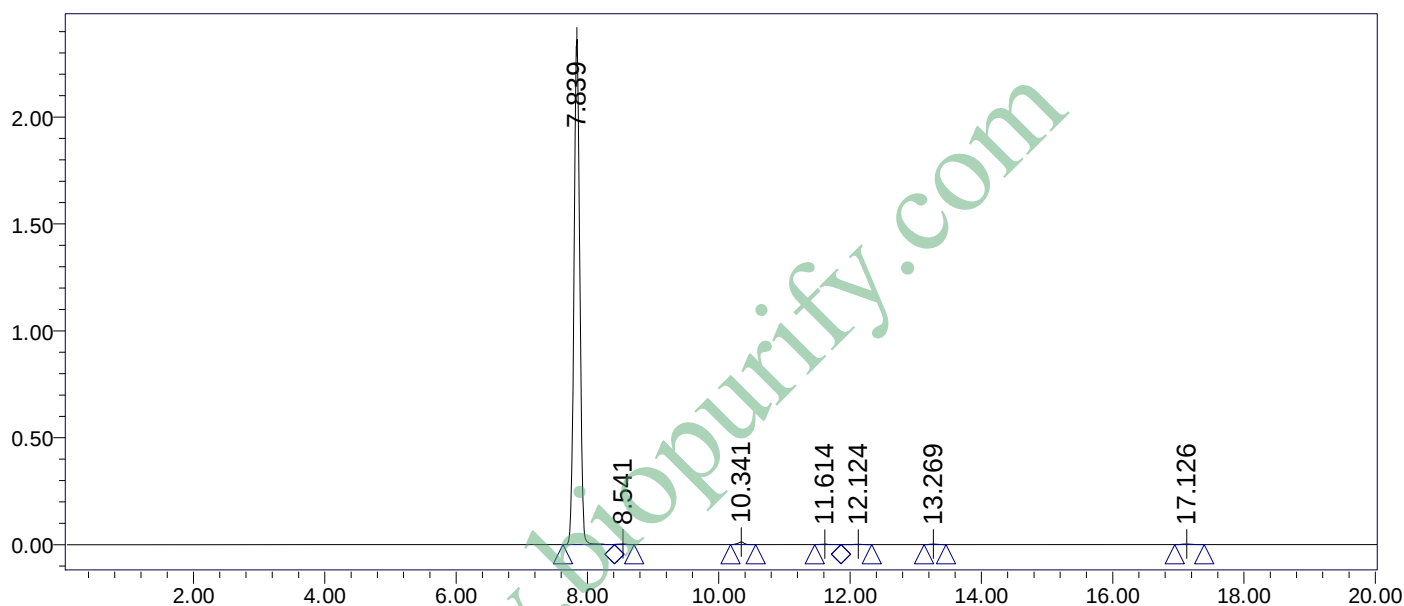
Tel: +86-28-82633987 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Chlorogenic acid PRF7102045	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	50	Acq. Method Set:	Chlorogenic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	326.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 326.0 nm
Date Acquired:	2016-10-21 14:27:41 CST		
Date Processed:	2016-10-21 14:53:44 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.839	14496953	98.88	37472.13	
2	8.541	22185	0.15	43064.38	4.16
3	10.341	75023	0.51	59011.27	10.37
4	11.614	15034	0.10	66564.30	6.95
5	12.124	12623	0.09	61840.21	2.60
6	13.269	15119	0.10	101412.40	6.23
7	17.126	24277	0.17	97973.16	19.79