

产品分析证书  
Certificate of Analysis

中文名称: 菊苣酸

English Name: Chicoric acid

别名 (Alias): Cichoric acid; Dicafeoyltartaric acid

产品编码 (Cat. No.): BP0343

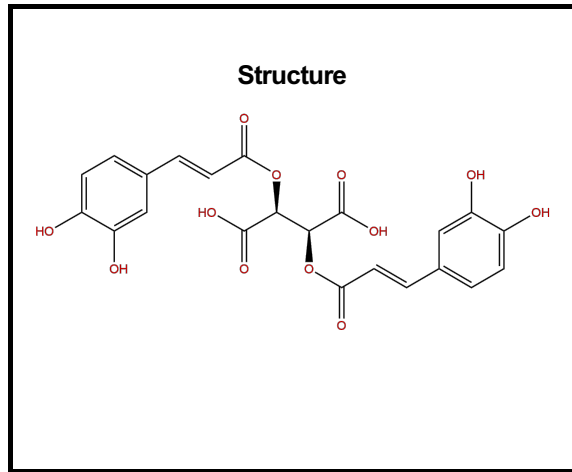
CAS Number: 70831-56-0

分子式 (M. F.): C<sub>22</sub>H<sub>18</sub>O<sub>12</sub>

分子量 (M. W.): 474.374

批号 (Batch No.): PRF8042705

报告日期 (Report date): 2017-04-27



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	Tan powder	Tan powder
纯度 Purity (HPLC-DAD, 332nm)*	≥98.0%	99.28%
质谱 Mass	474.3±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.7%

\* 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: UV332nm; Flow Rate: 1.0ml/min; Sample dissolution: 50% Methanol in water; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 15%-30%, 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 (2019-04-26) under conditions list above.

QC: Zhang Ling  
Date: 2017-04-27

QA: Wu Qi  
Date: 2017-04-27

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

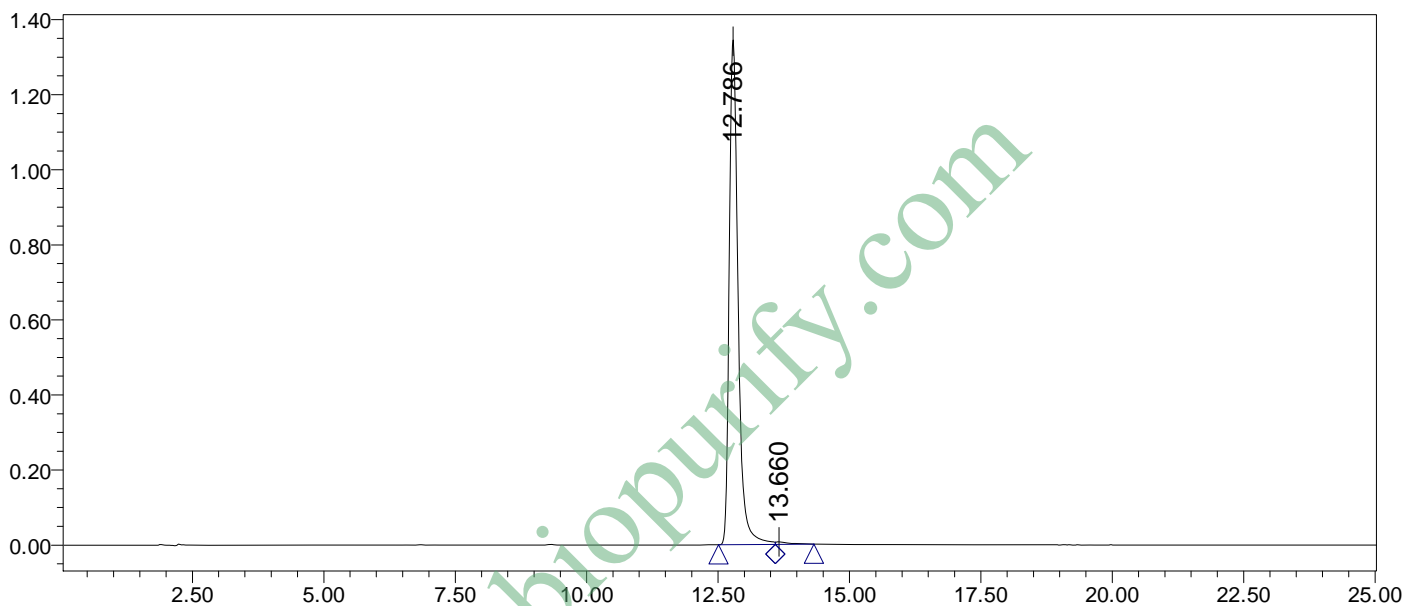
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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

**SAMPLE INFORMATION**

Sample Name:	Chicoric acid PRF8042705	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	98	Acq. Method Set:	Chicoric acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	332.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 332.0 nm
Date Acquired:	2017-4-27 16:09:48 CST		
Date Processed:	2017-4-27 16:35:54 CST		

**Auto-Scaled Chromatogram**



**Peak Results**

	RT	Area	% Area	USP Plate Count	USP Resolution
1	12.786	15757431	99.28	31057.13	
2	13.660	113966	0.72		