

产品分析证书 Certificate of Analysis

中文名称: 鼠尾草酸

English Name: Carnosic acid

别名 (Alias): Deoxypicrosalvinic acid

产品编码 (Cat. No.): BP0316

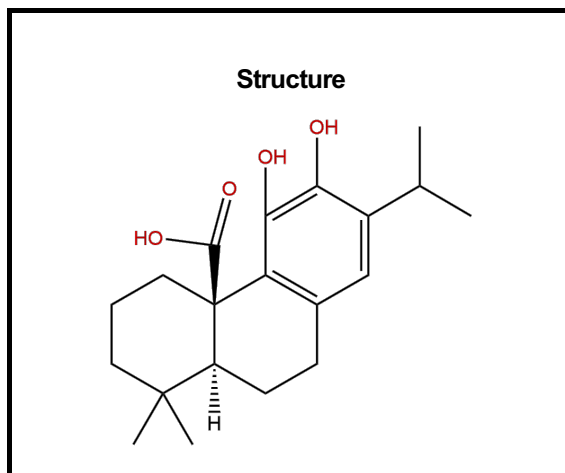
CAS Number: 3650-09-7

分子式 (M. F.): C₂₀H₂₈O₄

分子量 (M. W.): 332.44

批号 (Batch No.): PRF8042802

报告日期 (Report date): 2017-04-28



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	Beige powder	Beige powder
纯度 Purity (HPLC-DAD, 238nm)*	≥98.0%	99.43%
纯度 Purity (HPLC-DAD, 283nm)*	≥98.0%	98.47%
质谱 Mass	332.4±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 Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV238nm/283nm; Flow Rate:

1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 55%-75%, 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 (2019-04-27) under conditions list above.

QC: Zhang Ling

Date: 2017-04-28

QA: Wu Qi

Date: 2017-04-28

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.

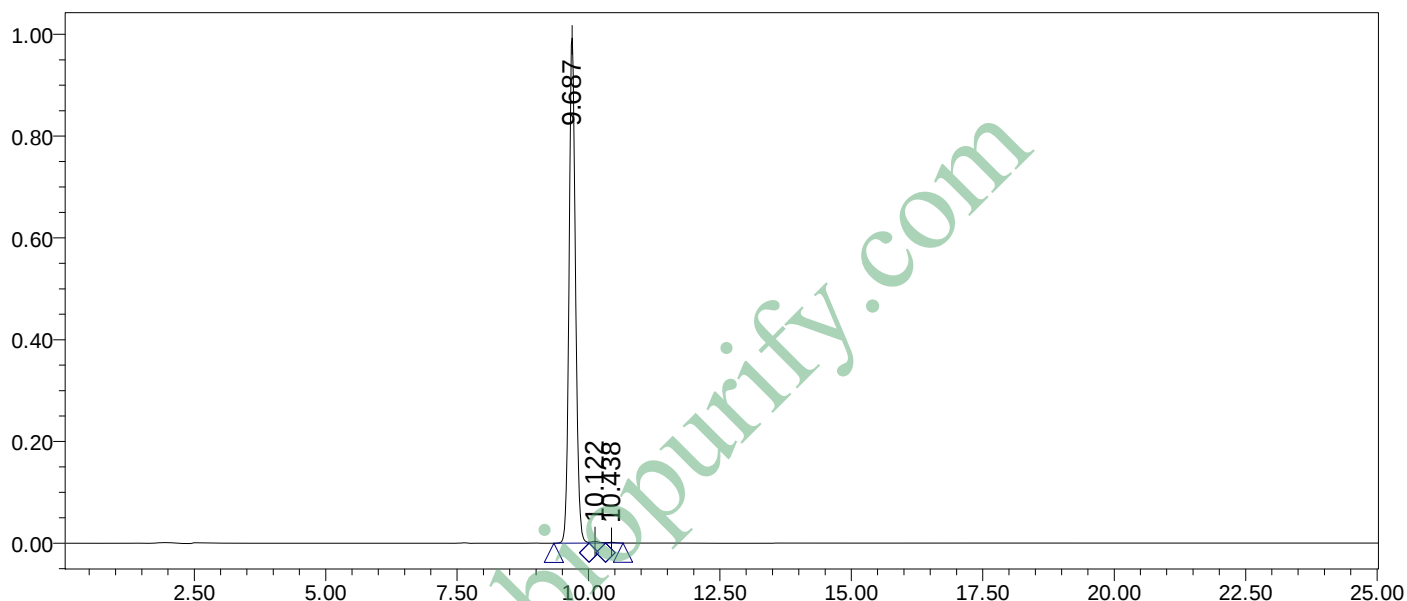
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Carnosic acid PRF8042802	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	74	Acq. Method Set:	Carnosic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	238.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 238.0 nm
Date Acquired:	2017-4-28 14:25:57 CST		
Date Processed:	2017-4-28 14:52:12 CST		

Auto-Scaled Chromatogram



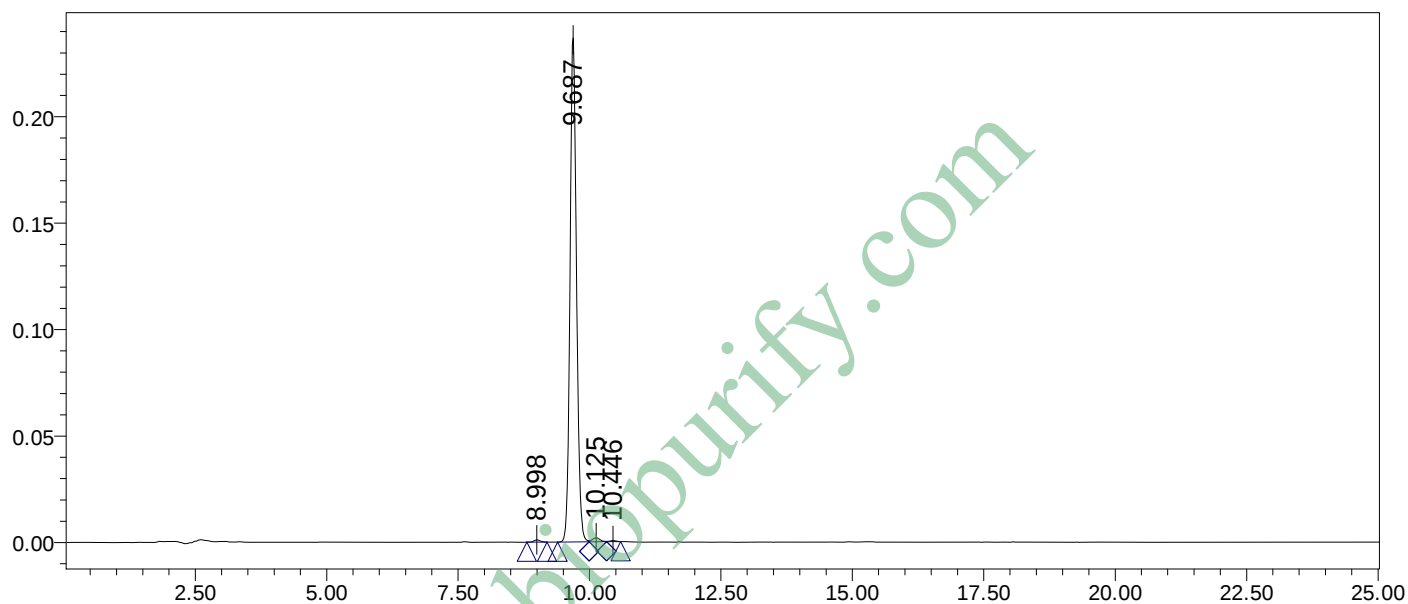
Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	9.687	8508976	99.43	29724.22	
2	10.122	36082	0.42	12040.92	
3	10.438	12964	0.15	27761.66	

SAMPLE INFORMATION

Sample Name:	Carnosic acid PRF8042802	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	74	Acq. Method Set:	Carnosic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	283.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 283.0 nm
Date Acquired:	2017-4-28 14:25:57 CST		
Date Processed:	2017-4-28 14:53:03 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.998	8069	0.39	30650.87	
2	9.687	2032084	98.47	29667.89	3.10
3	10.125	19138	0.93	22197.09	1.70
4	10.446	4368	0.21	34736.52	1.23