

产品分析证书
Certificate of Analysis

中文名称: 苯甲酰芍药苷

English Name: Benzoylpaeoniflorin

别名 (Alias):

产品编码 (Cat. No.): BP0248

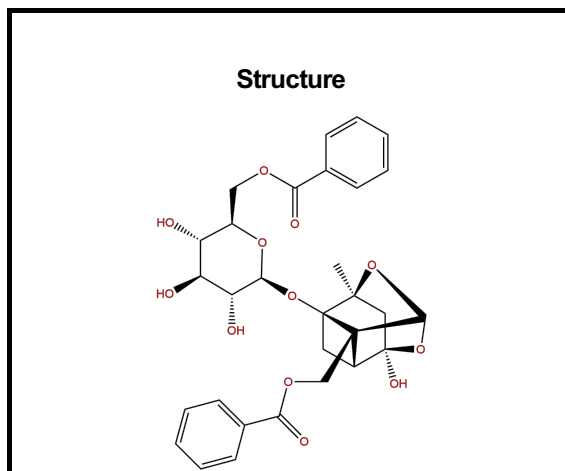
CAS Number: 38642-49-8

分子式 (M. F.): C₃₀H₃₂O₁₂

分子量 (M. W.): 584.574

批号 (Batch No.): PRF20081141

报告日期 (Report date): 2020-08-11



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	Off-white powder	Off-white powder
干燥失重 Loss on drying	<3.0%	1.55%
纯度 Purity (HPLC-DAD, 232nm)*	≥95.0%	97.74%
质谱 Mass	584.574±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

检测方法 (Test Method): Column: Welch Ultimate XB-C18 4.6*250mm, 5μm; Column temperature: 30°C; Detection Mode: UV232nm; Flow Rate: 1.0ml/min;

Sample dissolution: Methanol; Mobile Phase: A, Acetonitrile B, 0.1% acetic acid in water; Gradient elution: A, 25%-45%, 20min-45%, 10min.

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

复测期 (Retest date): Three years (2023-08-10) under conditions list above.

QC: Zhang Ling

Date: 2020-08-11

QA: Meng Pan

Date: 2020-08-11

备注 (Remarks): The sample solutions should be prepared and used immediately after preparation. 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. The quality of the product is only guaranteed to comply with the attached COA.

In case of quality issue, please contact us within 30 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

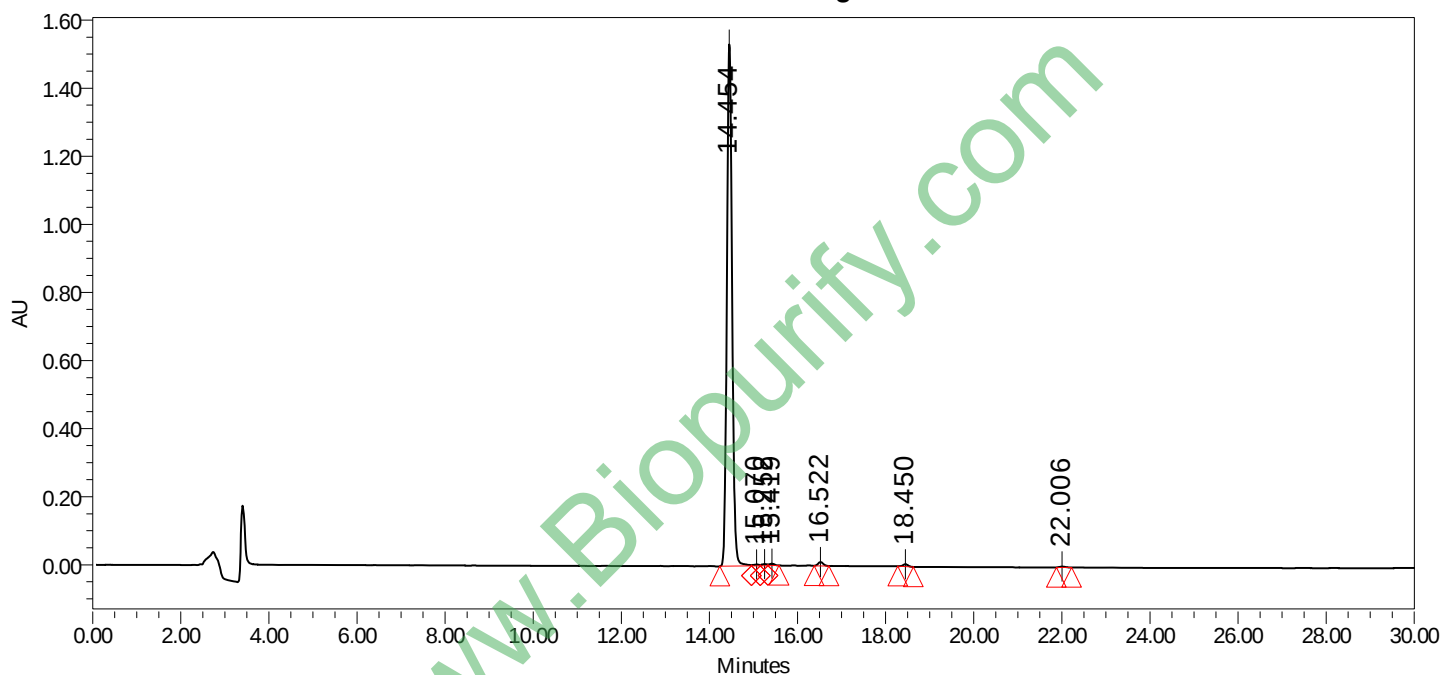
SAMPLE INFORMATION

Sample Name: Benzoyloxypaeoniflorin
Sample Type: Unknown
Vial: 120
Injection #: 1
Injection Volume: 10.00 ul
Run Time: 30.0 Minutes
Acquired By: PRF01
Sample Set Name:
Acq. Method Set: Benzoyloxypaeoniflorin
Processing Method: sample
Channel Name: PDA Ch1 232nm@4.8nm
Proc. Chnl. Descr.: PDA Ch1 232nm@4.8nm

Date Acquired: 8/11/2020 1:36:31 PM CST

Date Processed: 8/11/2020 2:14:06 PM CST

Auto-Scaled Chromatogram



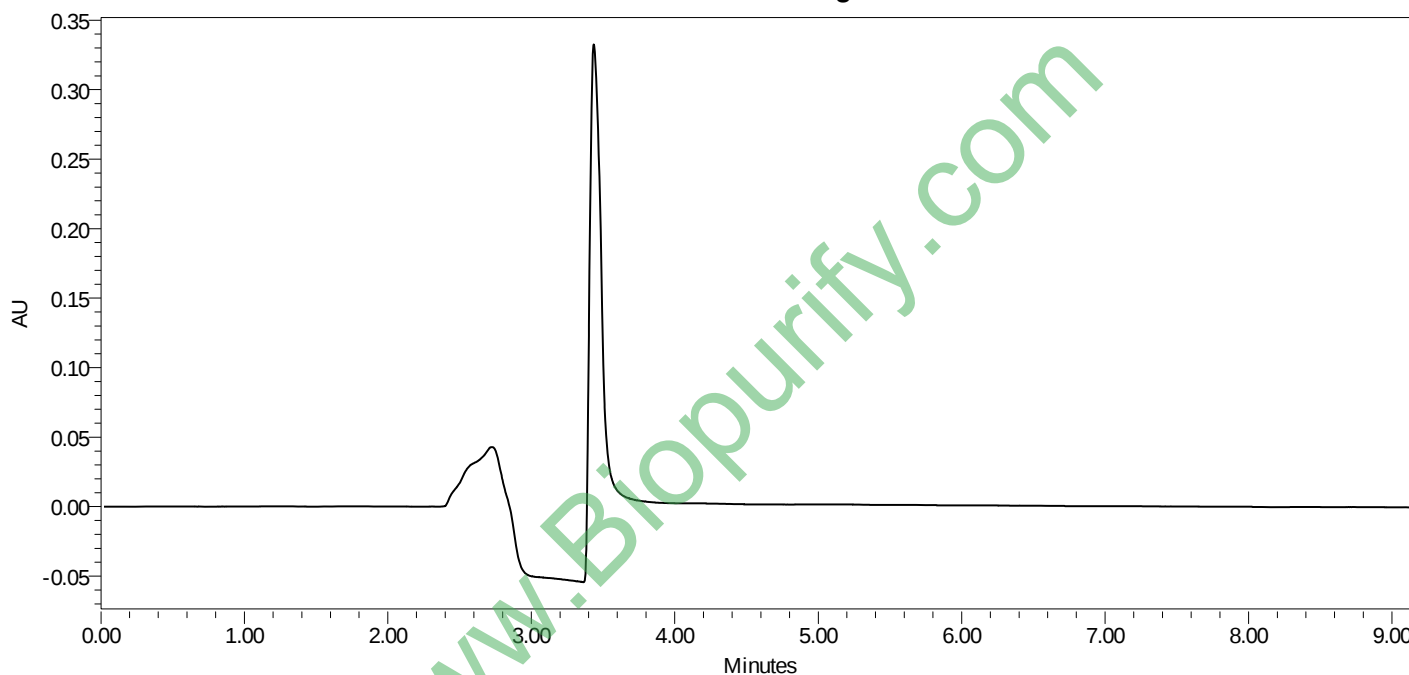
Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		14.454	12570831	97.74	1532402	73830.61	
2		15.070	38613	0.30	3787		2.85
3		15.252	40972	0.32	4846		
4		15.419	46001	0.36	5520		
5		16.522	90342	0.70	11243	95242.84	
6		18.450	54694	0.43	6995	127588.16	9.02
7		22.006	20575	0.16	2558	173978.66	16.53

SAMPLE INFORMATION

Sample Name:	BenzoyloxypaeoniflorinBLANK	Acquired By:	PRF01
Sample Type:	Unknown	Sample Set Name	
Vial:	6	Acq. Method Set:	Benzoyloxypaeoniflorin
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 232nm@4.8nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 232nm@4.8nm
Date Acquired:	8/11/2020 2:12:27 PM CST		
Date Processed:	8/11/2020 2:22:44 PM CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1							

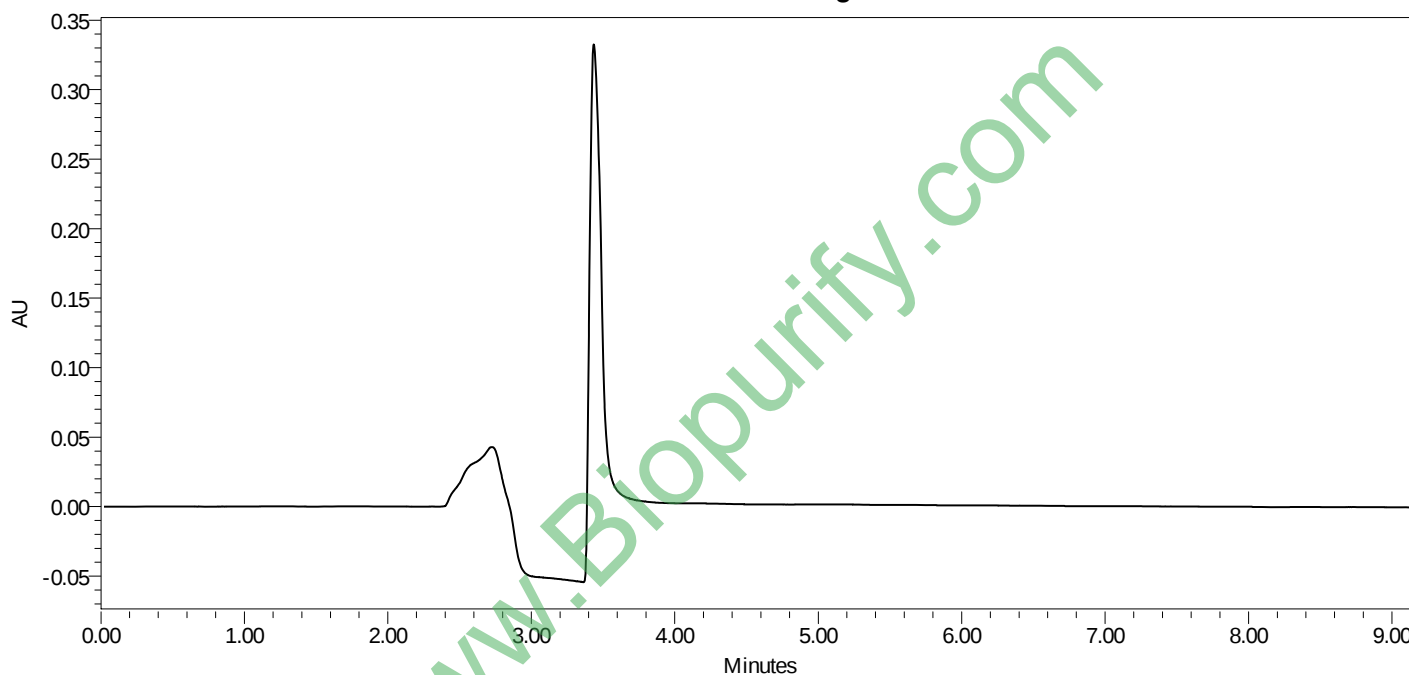
SAMPLE INFORMATION

Sample Name:	Benzoyloxypaeoniflorin	Acquired By:	PRF01
Sample Type:	Unknown	Sample Set Name	
Vial:	6	Acq. Method Set:	Benzoyloxypaeoniflorin
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 232nm@4.8nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 232nm@4.8nm

Date Acquired: 8/11/2020 2:12:27 PM CST

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Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μ V)	USP Plate Count	USP Resolution
1							