

产品分析证书
Certificate of Analysis

中文名称: 巴马亭红碱

English Name: Palmatrubine

别名 (Alias):

产品编码 (Cat. No.): BP1619

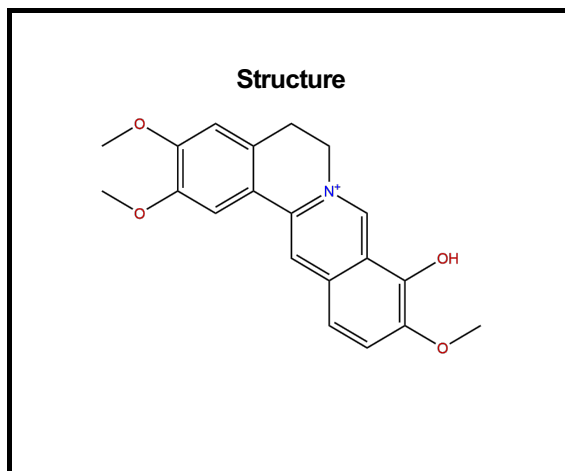
CAS Number: 16176-68-4

分子式 (M. F.): C₂₀H₂₀NO₄⁺

分子量 (M. W.): 338.382

批号 (Batch No.): PRF8030126

报告日期 (Report date): 2017年3月3日



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	Orange red powder	Orange red powder
干燥失重 Loss on drying	<3.0%	1.03%
纯度 Purity (HPLC-DAD, 277nm)*	≥90.0%	92.40%
质谱 Mass	338.382±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 HyPURITYC18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV277nm

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A Triethylamine-Phosphate in Water (PH=7) B, Acetonitrile

Gradient elution: B, 15%-30%, 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 (2019-03-02) under conditions list above.

QC: Zhang Ling

Date: 2017年3月3日

QA: Wu Qi

Date: 2017年3月3日

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.

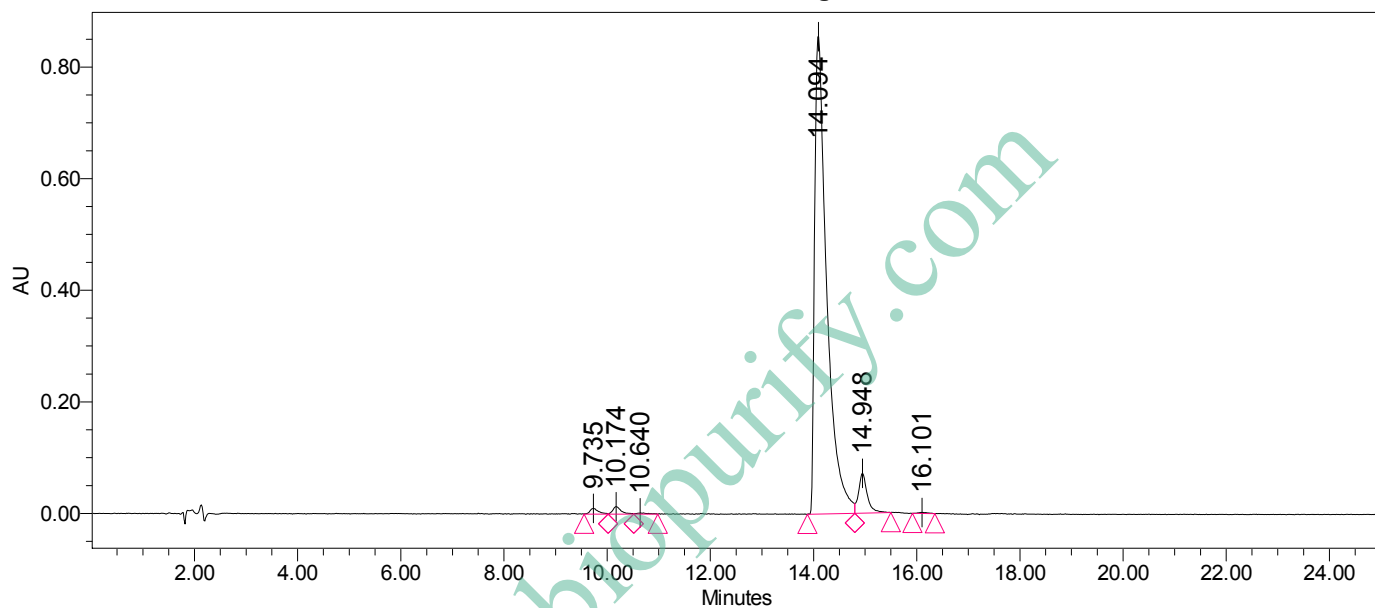
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Palmatrubine PRF8030126	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	3	Acq. Method Set:	Palmatrubine
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	277.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 277.0 nm
Date Acquired:	2017-3-3 9:46:35 CST		
Date Processed:	2017-3-3 10:20:02 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.735	116313	0.77	16546.4	
2		10.174	148372	0.98	24007.4	1.6
3		10.640	27814	0.18	28943.4	1.4
4		14.094	14009540	92.40	17653.0	8.4
5		14.948	833874	5.50	41974.0	2.3
6		16.101	26695	0.18	7395.2	2.8