

产品分析证书
Certificate of Analysis

中文名称: 荷叶碱

English Name: Nuciferine

别名 (Alias): Sanjoinine E

产品编码 (Cat. No.): BP1014

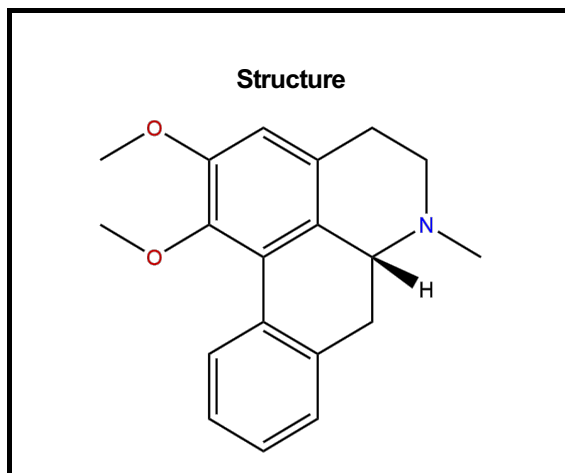
CAS Number: 475-83-2

分子式 (M. F.): C₁₉H₂₁NO₂

分子量 (M. W.): 295.382

批号 (Batch No.): PRF8031546

报告日期 (Report date): 2017年3月15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	Off-white solid	Off-white solid
干燥失重 Loss on drying	<3.0%	1.0%
纯度 Purity (HPLC-DAD, 270nm)*	≥98.0%	99.43%
质谱 Mass	295.382±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 Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV270nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphate acid in Water (PH=7) B, Acetonitrile; Gradient elution: B, 40%-60%, 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 (2019-03-14) under conditions list above.

QC: Zhang Ling

Date: 2017年3月15日

QA: Wu Qi

Date: 2017年3月15日

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.

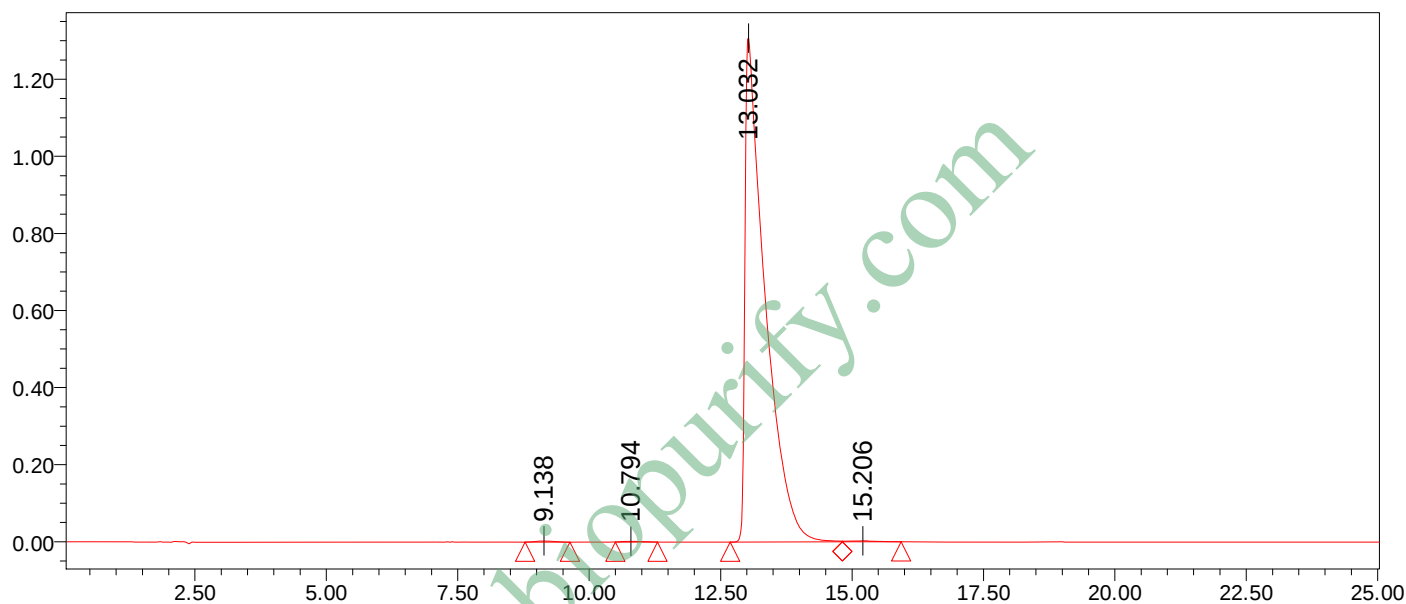
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Nuciferine PRF8031546	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	58	Acq. Method Set:	Nuciferine
Injection #:	2	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	270.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired: 2017-3-15 15:44:18 CST			
Date Processed: 2017-3-15 16:11:52 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	9.138	57097	0.16	5195.78	
2	10.794	40677	0.12	4857.80	2.82
3	13.032	34543360	99.43	5102.49	3.14
4	15.206	98708	0.28		