

产品分析证书
Certificate of Analysis

中文名称：荷花碱

English Name：Neferine

别名(Alias): 4"-O-Methyllynsinine; Methyllynsinine

产品编码(Cat. No.):BP0987

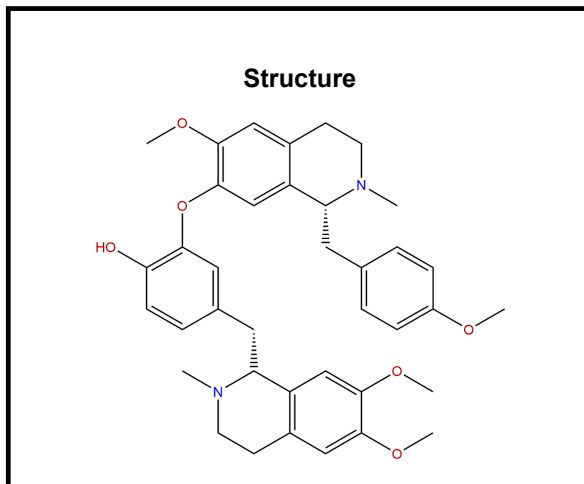
CAS Number: 2292-16-2

分子式(M. F.): C₃₈H₄₄N₂O₆

分子量(M. W.): 624.778

批号(Batch No.): PRF8080741

报告日期(Report date): 2017-08-07



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%	1.3%
纯度Purity (HPLC-DAD,280nm)*	≥98.0%	98.14%
质谱Mass	624.7±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: UV280nm ; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphoric acid in Water (PH=4)

B, Acetonitrile ; Gradient elution: B, 5%-35%,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 (2019-08-06) under conditions list above.

QC: Zhang Ling

Date: 2017-08-07

QA: Wu Qi

Date: 2017-08-07

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

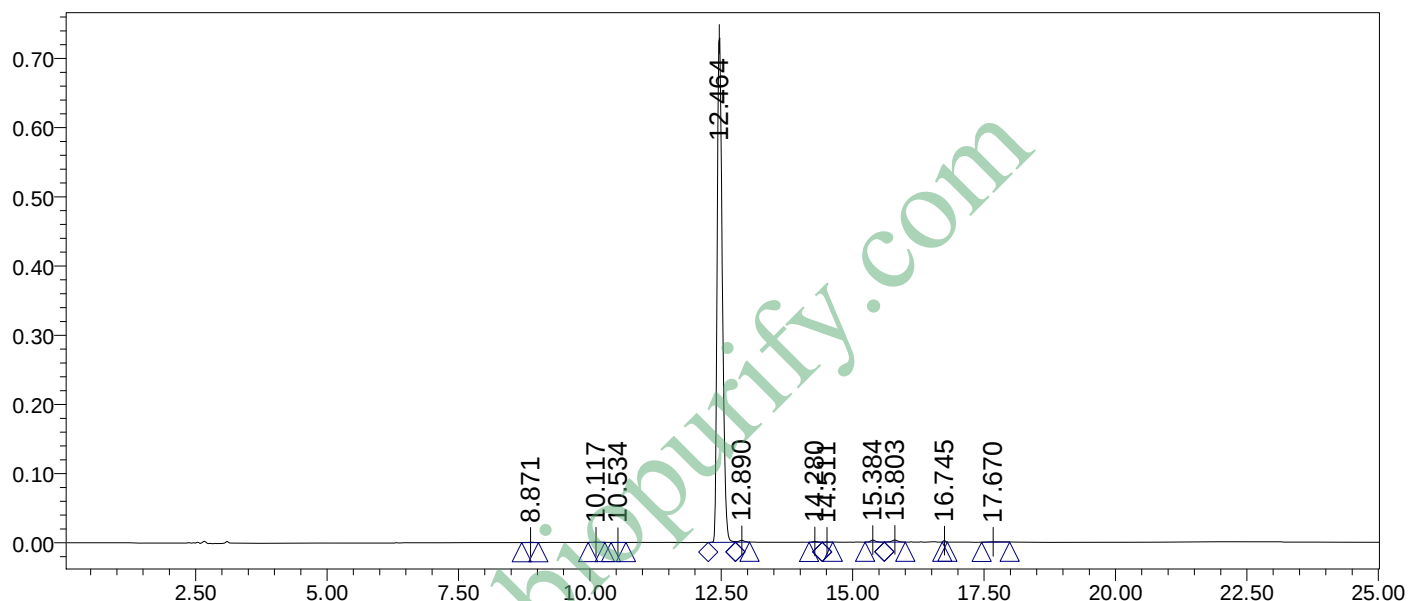
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Neferine	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	50	Acq. Method Set:	Neferine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2017-8-7 13:25:22 CST		
Date Processed:	2017-8-7 13:56:53 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.871	5216	0.10	42677.04	
2	10.117	5624	0.11	56214.14	7.07
3	10.534	2526	0.05	91182.87	2.65
4	12.464	4986984	98.14	74183.27	11.77
5	12.890	17999	0.35	84964.90	2.28
6	14.280	6071	0.12	100189.46	7.56
7	14.511	1633	0.03	161865.34	1.40
8	15.384	17972	0.35	145809.62	5.71
9	15.803	20344	0.40	132680.83	2.44
10	16.745	6070	0.12	619932.72	7.13
11	17.670	11045	0.22	24079.11	3.05