

产品分析证书
Certificate of Analysis

中文名称: 莲心碱

English Name: Liensinine

别名 (Alias): Liensinine diperchlorate, Cas 5088-90-4

产品编码 (Cat. No.): BP0858

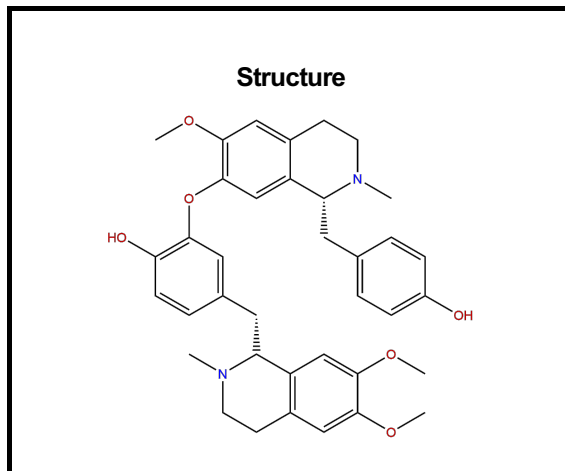
CAS Number: 2586-96-1

分子式 (M. F.): C₃₇H₄₂N₂O₆

分子量 (M. W.): 610.751

批号 (Batch No.): PRF20080305

报告日期 (Report date): 2020-08-05



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	White cotton-like solid	White cotton-like solid
纯度 Purity (HPLC-DAD, 283nm)*	≥98.0%	99.19%
质谱 Mass	610.7±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.32%

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

检测方法 (Test Method): Column: Heshin DK-H C18, 4.6*250mm, 5um; Column temperature: 30℃; Detection Mode: UV283nm; Flow Rate: 1.0ml/min; Sample dissolution: 10% Methanol; Mobile Phase: A, Acetonitrile B, 50mmol/L Triethylamine in water (Phosphoric acid adjusted to pH2); Gradient elution: A, 10%-20%, 15min-20%, 10min.

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

复测期 (Retest date): Three years (2023-08-03) under conditions list above.

QC: Zhang Ling

Date: 2020-08-04

QA: Meng Pan

Date: 2020-08-04

备注 (Remarks): The sample solutions should be prepared and used immediately before use. 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℃. 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.

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

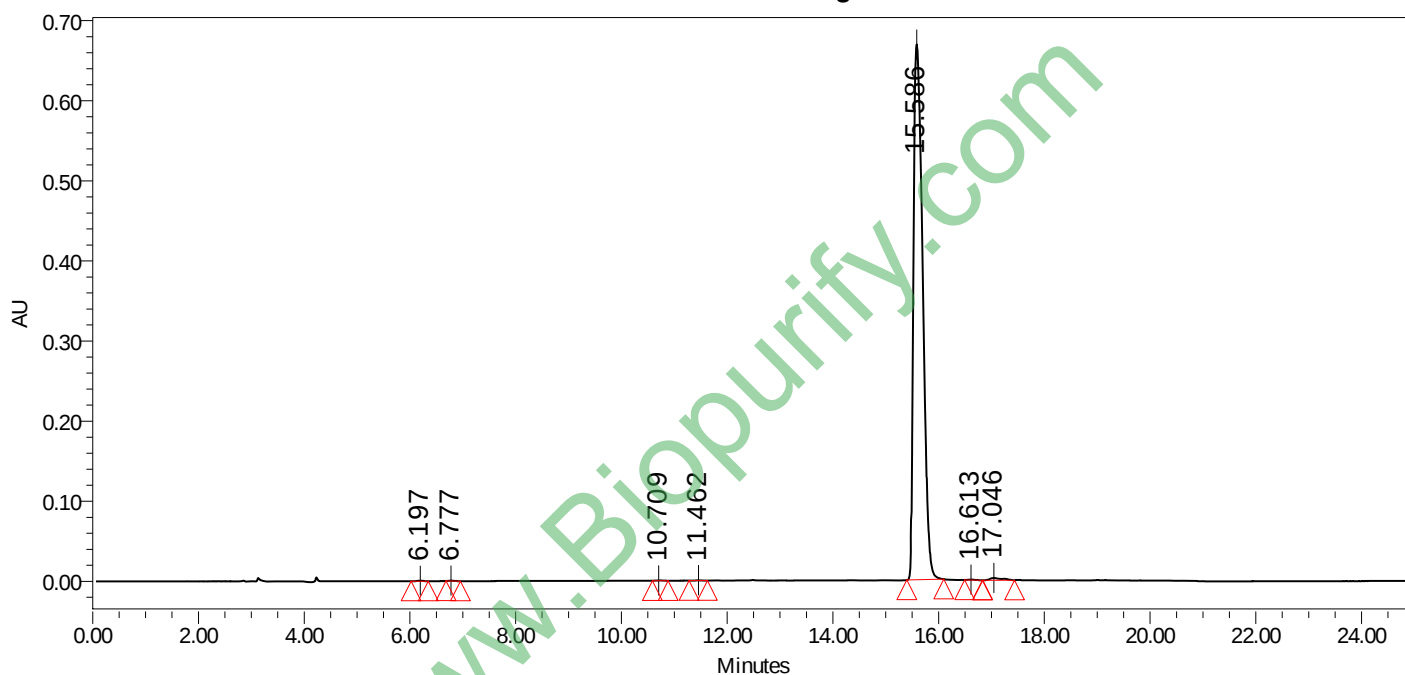
SAMPLE INFORMATION

Sample Name:	Liensinine	Acquired By:	PRF01
Sample Type:	Unknown	Sample Set Name	
Vial:	40	Acq. Method Set:	Liensinine
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 283nm@4.8nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 283nm@4.8nm

Date Acquired: 8/4/2020 10:15:19 AM CST

Date Processed: 8/5/2020 8:53:37 AM CST

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		6.197	3903	0.05	562	22288.07	
2		6.777	3675	0.05	542	23204.47	3.15
3		10.709	3767	0.05	461	31341.08	19.81
4		11.462	3861	0.05	474	36582.54	3.47
5		15.586	8044771	99.19	668404	39016.90	15.48
6		16.613	5835	0.07	670	73627.51	3.68
7		17.046	44903	0.55	2857	32704.08	0.70