

产品分析证书
Certificate of Analysis

中文名称: 川芎嗪

English Name: Chuanxingzine

别名 (Alias): Ligustizine; Ligustrazine; Tetrapyrazine

产品编码 (Cat. No.): BP0351

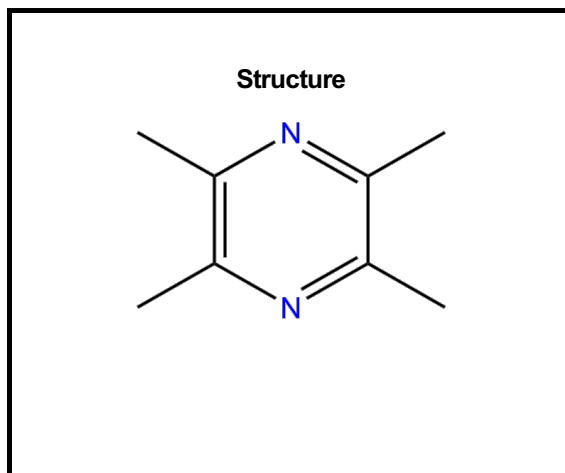
CAS Number: 1124-11-4

分子式 (M. F.): C₈H₁₂N₂

分子量 (M. W.): 136.198

批号 (Batch No.): PRF8030828

报告日期 (Report date): 2017年3月8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%	0.74%
纯度 Purity (HPLC-DAD, 280nm)*	≥98.0%	99.77%
质谱 Mass	136.198±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 BDS Hypersil C18 100 x 4.6 mm, 2.4μm; Column temperature: 30℃; Detection Mode: UV280nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphate in Water (PH=7) B, Acetonitrile, Gradient elution: B, 10%-20%, 15min.

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

复测期 (Retest date): two years (2019-03-07) under conditions list above.

QC: Zhang Ling

Date: 2017年3月8日

QA: Wu Qi

Date: 2017年3月8日

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

In case of quality issue, please contact us within 15 days after receipt of the product.

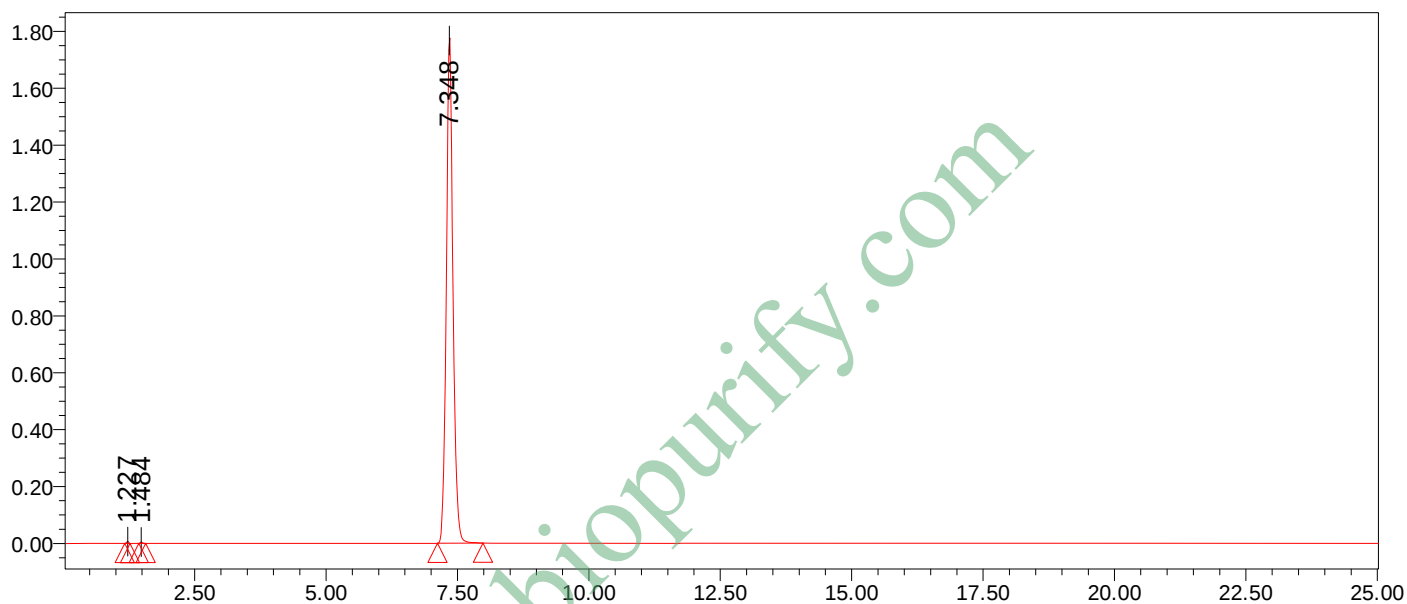
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Chuanxingzine PRF8030828	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	42	Acq. Method Set:	Chuanxingzine
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	280.0nm@1
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2017-3-8 14:18:06 CST		
Date Processed:	2017-3-8 15:00:06 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	1.227	19174	0.12	3006.50	
2	1.484	16557	0.11	4408.22	2.91
3	7.348	15557308	99.77	16371.01	35.83