

产品分析证书
Certificate of Analysis

中文名称: 巴西苏木素

English Name: Brazilin

别名 (Alias):

产品编码 (Cat. No.): BP0281

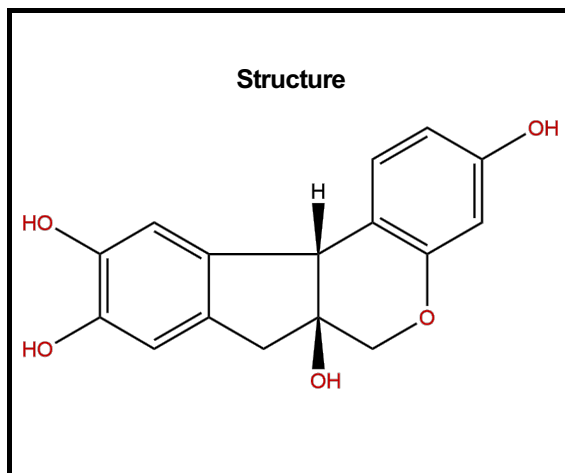
CAS Number: 474-07-7

分子式 (M. F.): C₁₆H₁₄O₅

分子量 (M. W.): 286.283

批号 (Batch No.): PRF8032701

报告日期 (Report date): 2017-03-27



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
纯度 Purity (HPLC-DAD, 287nm)*	≥98.0%	99.12%
质谱 Mass	286.283±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.87%

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

检测方法 (Test Method): Column: Thermo Hypersil GOLDAQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection

Mode: UV287nm; FlowRate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile;

Isocratic elution B, 12%, 20min.

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 (2019-03-26) under conditions list above.

QC: Zhang Ling

Date: 2017-03-27

QA: Wu Qi

Date: 2017-03-27

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.

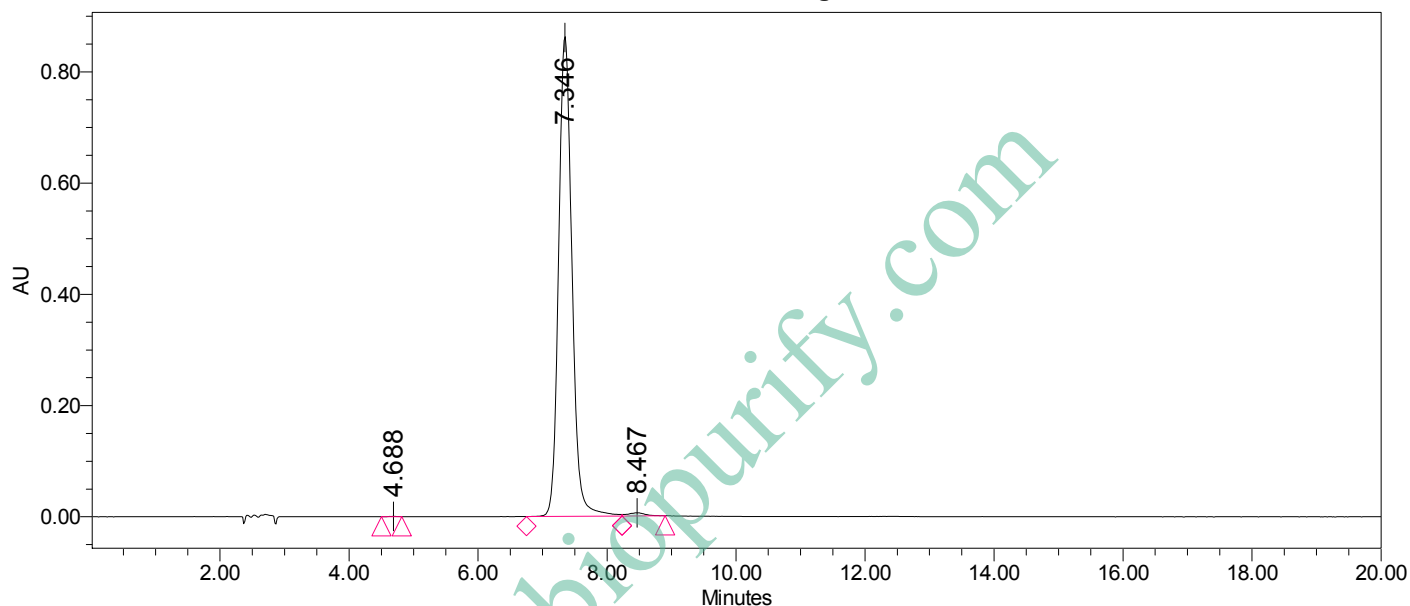
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Brazilin PRF8032701	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	90	Acq. Method Set:	Brazilin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	287.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 287.0 nm
Date Acquired:	2017-3-27 13:00:19 CST		
Date Processed:	2017-3-27 13:23:53 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.688	5541	0.04	10402.5	
2		7.346	12410732	99.12	6395.0	9.4
3		8.467	104449	0.83	3786.3	3.0