

产品分析证书
Certificate of Analysis

中文名称: 大黄素甲醚

English Name: Physcion

别名 (Alias): Parietin; Methylemodin; Physcic acid;
Rheochrysidin; Przewalskinone B

产品编码 (Cat. No.): BP1092

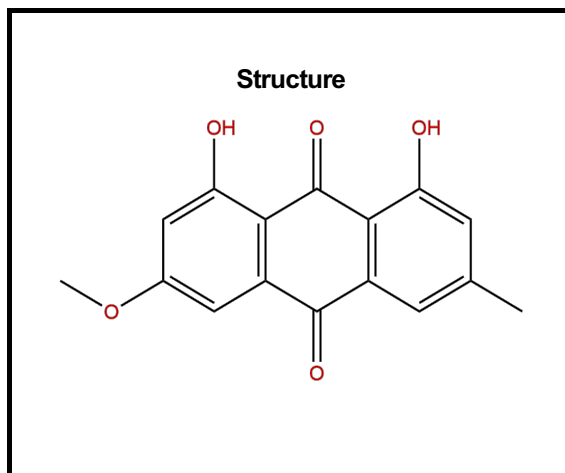
CAS Number: 521-61-9

分子式 (M. F.): C₁₆H₁₂O₅

分子量 (M. W.): 284.267

批号 (Batch No.): PRF8030726

报告日期 (Report date): 2017年3月7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	Dark yellow powder	Dark yellow powder
干燥失重 Loss on drying	<3.0%	0.85%
纯度 Purity (HPLC-DAD, 285nm)*	≥98.0%	99.85%
质谱 Mass	284.267±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, 4.6*100mm, 2.4μm; Column temperature: 30°C; Detection Mode: UV285nm Flow

Rate: 0.8ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in Water B, Acetonitrile; Gradient elution: B, 50%-70%, 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 (2019-03-06) under conditions list above.

QC: Zhang Ling
Date: 2017年3月7日

QA: Wu Qi
Date: 2017年3月7日

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

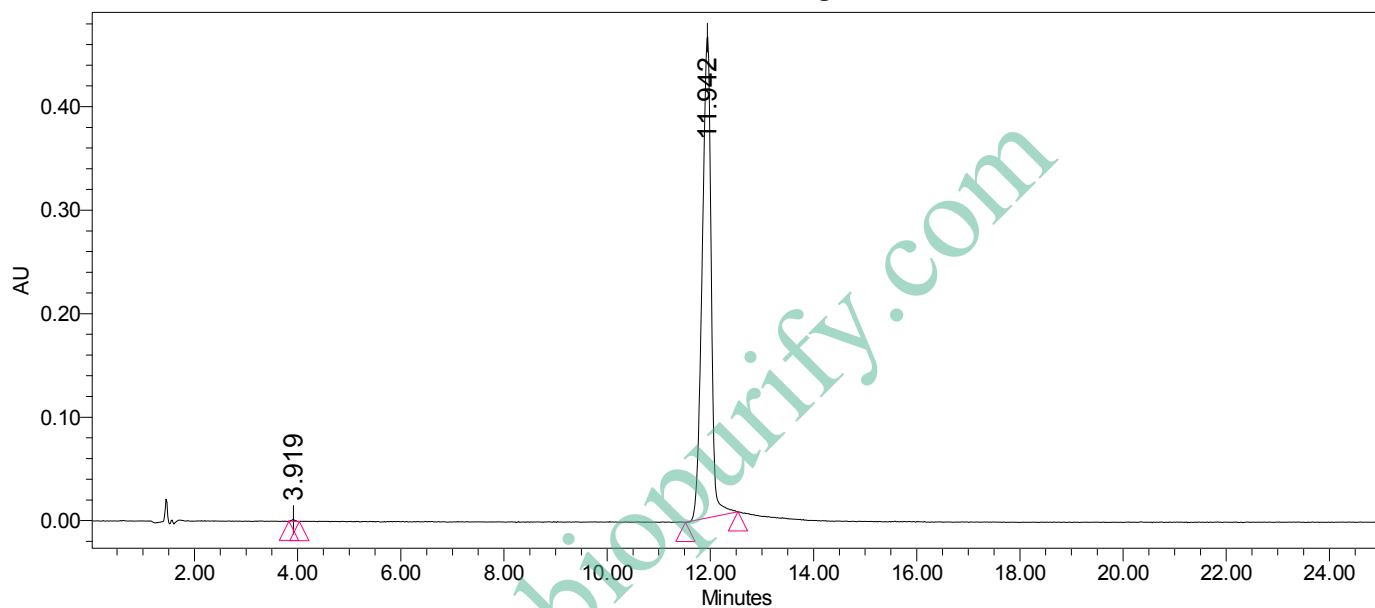
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Physcion PRF8030726	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	82	Acq. Method Set:	Physcion
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	285.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 285.0 nm
Date Acquired:	2017-3-7 16:49:31 CST		
Date Processed:	2017-3-7 17:16:33 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		3.919	8236	0.15	12303.7	
2		11.942	5644234	99.85	22741.1	35.3