

产品分析证书
Certificate of Analysis

中文名称: 大黄素

English Name: Emodin

别名 (Alias): Rheum-emodin; Frangula emodin; Archin;
Frangulinic acid; Emodol; Alatinone

产品编码 (Cat. No.): BP0532

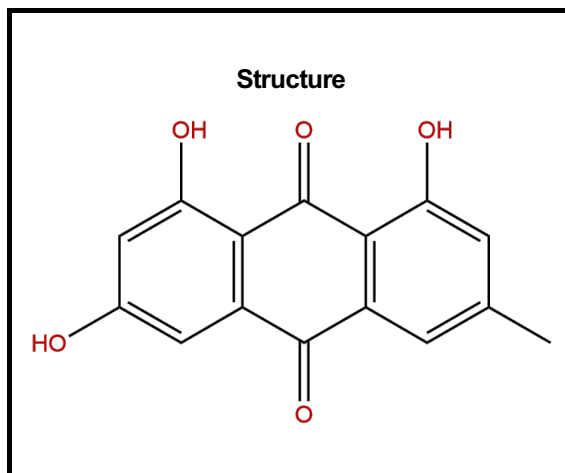
CAS Number: 518-82-1

分子式 (M. F.): C₁₅H₁₀O₅

分子量 (M. W.): 270.24

批号 (Batch No.): PRF8071101

报告日期 (Report date): 2017-07-11



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, 290nm)*	≥98.0%	99.16%
质谱 Mass	270.2±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.68%
含量 Assay	≥98.0%	99.0%

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

检测方法 (Test Method): Column: Thermo HyPURITY C18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV290nm; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B, 40%-60%, 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 (2019-07-10) under conditions list above.

QC: Zhang Ling
Date: 2017-07-11

QA: Wu Qi
Date: 2017-07-11

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

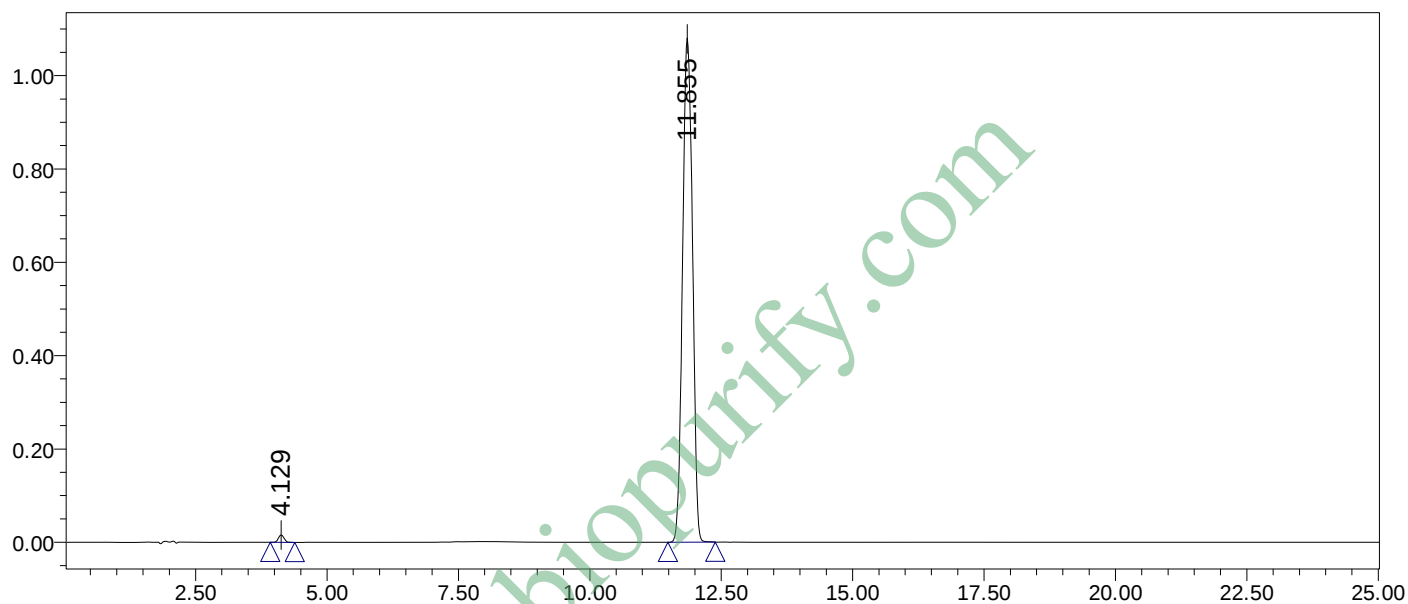
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Emodin PRF8071101	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Emodin
Vial:	86	Acq. Method Set:	Emodin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	290.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 290.0 nm
Date Acquired: 2017-7-11 12:27:57 CST			
Date Processed: 2017-7-11 13:17:32 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.129	119047	0.84	6761.27	
2	11.855	14123612	99.16	17587.79	27.75