

产品分析证书
Certificate of Analysis

中文名称: 金丝桃素

English Name: Hypericin

别名 (Alias): Mycoporphyrin

产品编码 (Cat. No.): BP0752

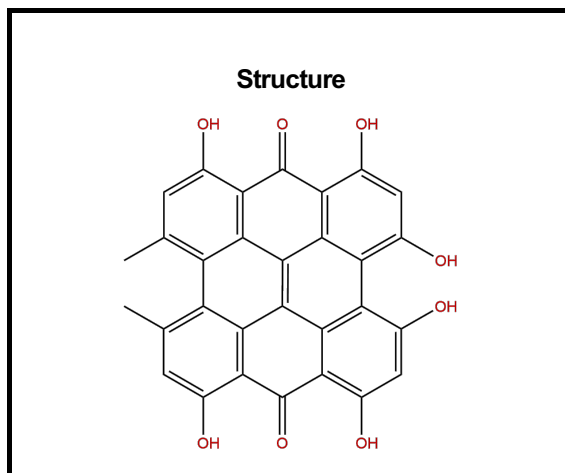
CAS Number: 548-04-9

分子式 (M. F.): C₃₀H₁₆O₈

分子量 (M. W.): 504.45

批号 (Batch No.): PRF8070602

报告日期 (Report date): 2017-07-06



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 brown powder	Dark brown powder
纯度 Purity (HPLC-DAD, 590nm)*	≥98.0%	99.72%
质谱 Mass	504.4±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.76%
含量 Assay	≥98.0%	103.0%
DMF	<5.0%	1.14%

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

检测方法 (Test Method): Column: Thermo Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV590nm; Flow

Rate: 1.0ml/min; Sample dissolution: DMF; Mobile Phase: A Triethylamine- Phosphoric acid in Water (PH=7) B, Acetonitrile; Gradient elution: B, 50%-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 (2019-07-05) under conditions list above.

QC: Zhang Ling

Date: 2017-07-06

QA: Wu Qi

Date: 2017-07-06

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.

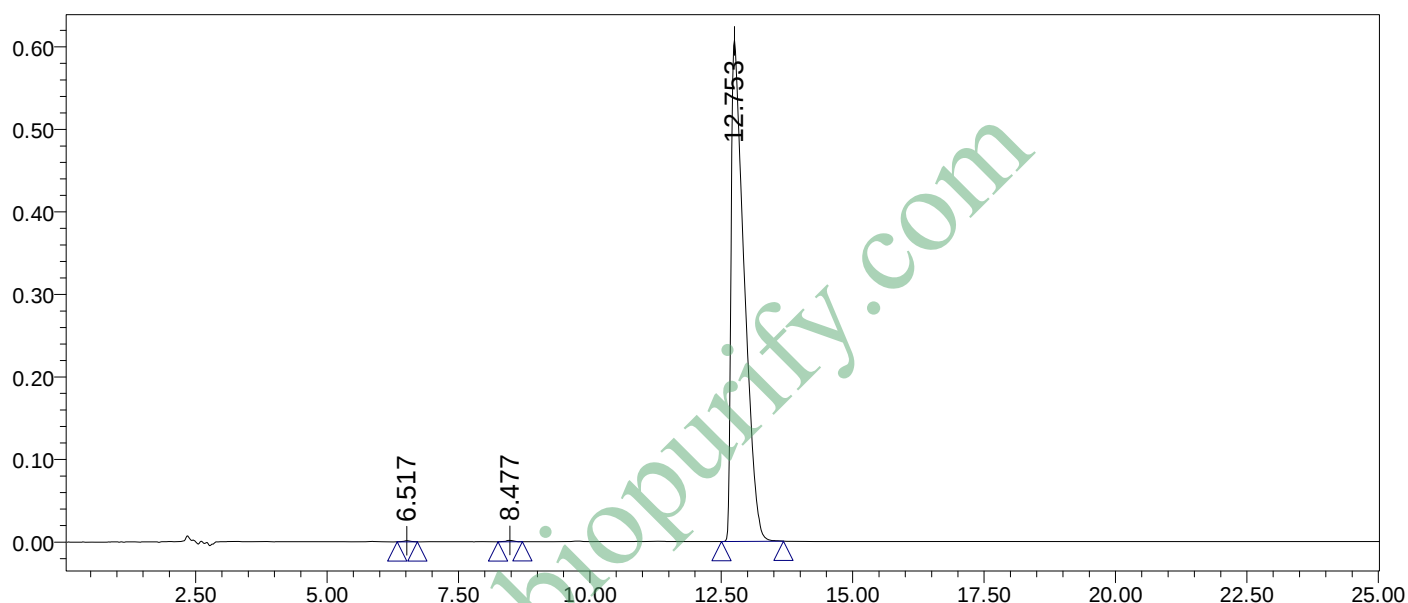
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Hypericin PRF8070602	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Hypericin 20170706
Vial:	59	Acq. Method Set:	Hypericin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	590.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 590.0 nm
Date Acquired:	2017-7-6 12:24:18 CST		
Date Processed:	2017-7-6 13:03:30 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	6.517	11653	0.11	11552.24	
2	8.477	17493	0.17	16801.57	7.43
3	12.753	10527761	99.72	10373.87	10.88