

产品分析证书
Certificate of Analysis

中文名称：枸橼苷

English Name : Poncirin

别名(Alias): Citrifolioside

产品编码(Cat. No.):BP1132

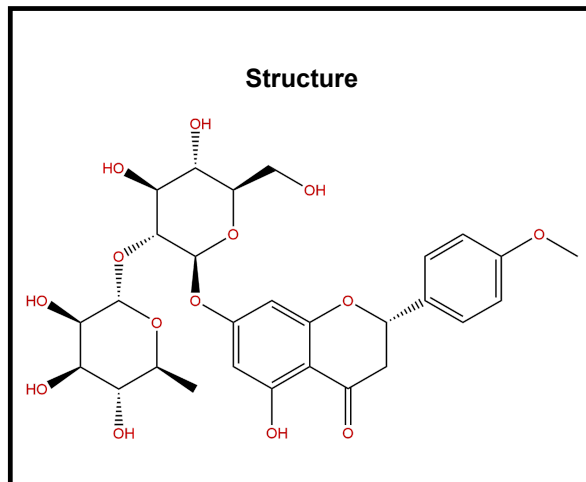
CAS Number: 14941-08-3

分子式(M. F.): C₂₈H₃₄O₁₄

分子量(M. W.): 594.566

批号(Batch No.): PRF8102622

报告日期(Report date): 2017-10-26



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	Yellow powder	Yellow powder
纯度Purity (HPLC-DAD,283nm)*	≥98.0%	98.06%
质谱Mass	594.5±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 3.0%	1.61%

* 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:

UV283nm;Flow Rate: 1.0ml/min; Sample dissolution: 20% Methanol; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile ;

Gradient elution: B,20%-30%,15min.

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

复测期 (Retest date) :two years (2019-10-25) under conditions list above.

QC: Zhang Ling

Date: 2017-10-26

QA: Wu Qi

Date: 2017-10-26

备注(Remarks): The sample solutions should be prepared on the same day, 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.

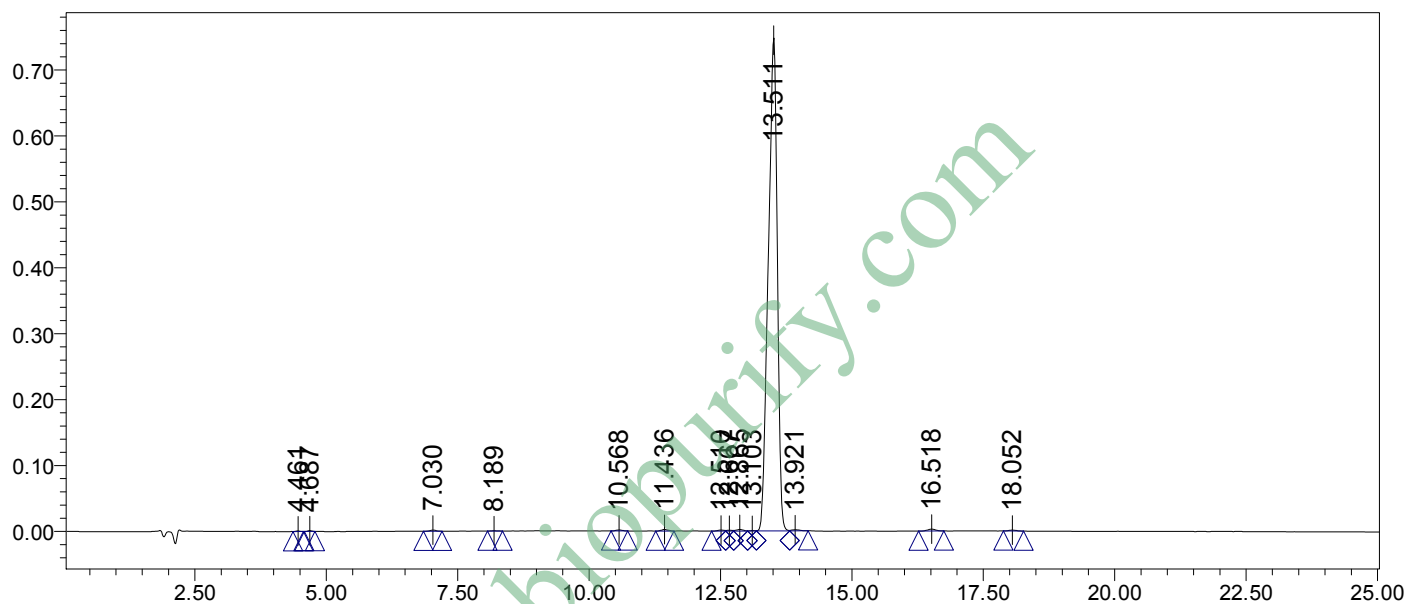
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name: Poncirin	Acquired By: System
Sample Type: Unknown	Sample Set Name:
Vial: 54	Acq. Method Set: Poncirin
Injection #: 1	Processing Method: Samples
Injection Volume: 10.00 ul	Channel Name: 283.0nm
Run Time: 25.0 Minutes	Proc. Chnl. Descr.: PDA 283.0 nm
Date Acquired: 2017-10-26 13:18:29 CST	
Date Processed: 2017-10-26 13:47:09 CST	

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.461	4852	0.05	16527.78	
2	4.687	7658	0.08	15700.89	1.56
3	7.030	13336	0.15	21537.43	13.52
4	8.189	4812	0.05	24536.97	5.50
5	10.568	12337	0.14	34844.75	10.46
6	11.436	20785	0.23	35702.62	3.64
7	12.510	13623	0.15		
8	12.667	9222	0.10		
9	12.865	21991	0.24	37589.25	
10	13.103	4395	0.05	58200.69	0.88
11	13.511	8854715	98.06	23899.09	1.32

Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
12	13.921	17410	0.19	32235.19	1.24
13	16.518	30862	0.34	54197.11	8.63
14	18.052	14152	0.16	63222.34	5.32

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