

产品分析证书
Certificate of Analysis

中文名称: 草质素

English Name: Herbacetin

别名 (Alias): 4',5,7,8-Tetrahydroxyflavonol; Isoarticulatidin;
8-Hydroxykaempferol

产品编码 (Cat. No.): BP0720

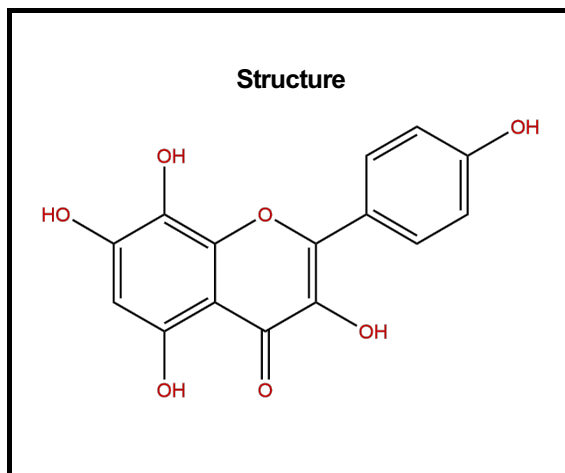
CAS Number: 527-95-7

分子式 (M. F.): C₁₅H₁₀O₇

分子量 (M. W.): 302.238

批号 (Batch No.): PRF8050328

报告日期 (Report date): 2017-05-03



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	Khaki cotton like solids	Khaki cotton like solids
干燥失重 Loss on drying	<3.0%	1.22%
纯度 Purity (HPLC-DAD, 275nm)*	≥98.0%	99.59%
质谱 Mass	302.2±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 HyPURITY C18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV275nm;

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 20%-35%, 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 (2019-05-02) under conditions list above.

QC: Zhang Ling

Date: 2017-05-03

QA: Wu Qi

Date: 2017-05-03

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.

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

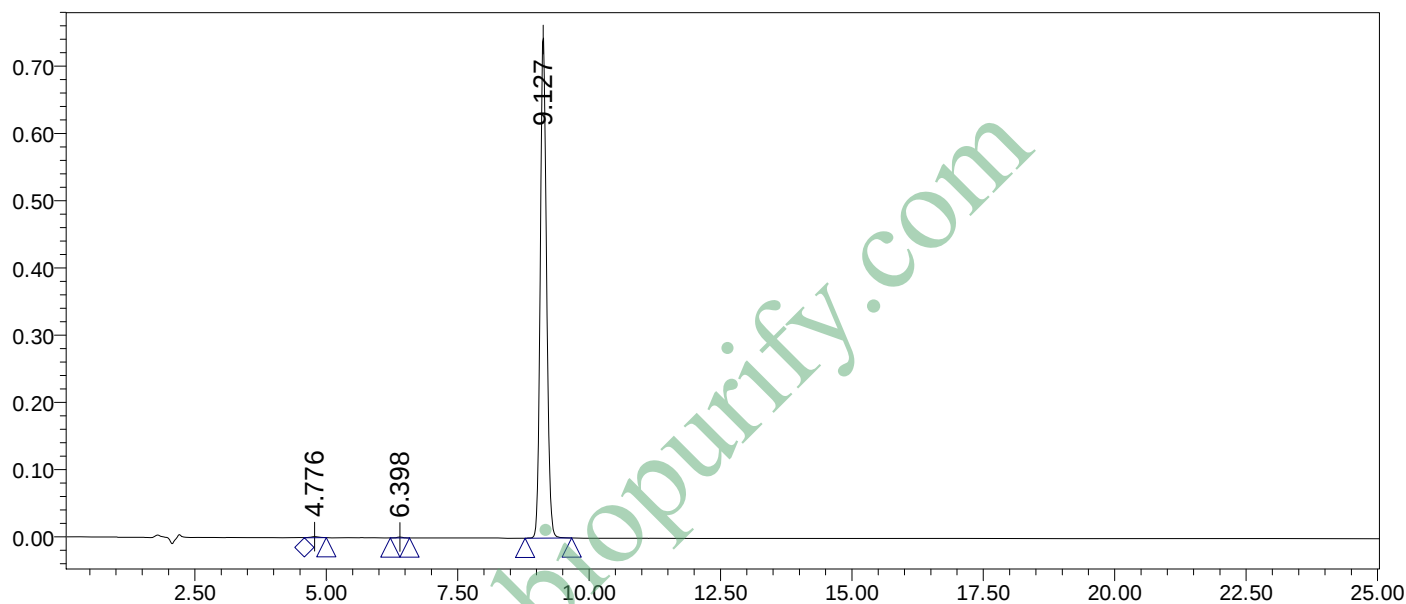
SAMPLE INFORMATION

Sample Name: Herbacetin PRF8050328
Sample Type: Standard
Vial: 25
Injection #: 1
Injection Volume: 10.00 ul
Run Time: 25.0 Minutes

Acquired By: System
Sample Set Name:
Acq. Method Set: Herbacetin
Processing Method: Samples
Channel Name: 275.0nm
Proc. Chnl. Descr.: PDA 275.0 nm

Date Acquired: 2017-5-3 13:58:22 CST
Date Processed: 2017-5-3 14:35:34 CST

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.776	16173	0.26	4820.60	
2	6.398	9936	0.16	15993.17	6.76
3	9.127	6270587	99.59	27323.80	12.77