产品分析证书
Certificate of Analysis

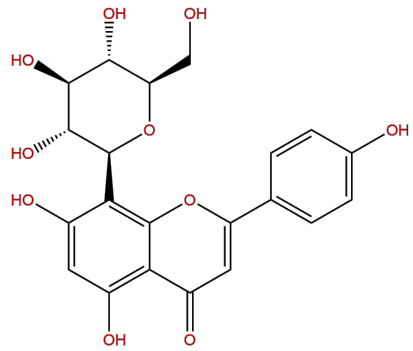
中文名称：牡荆素

English Name： Vitexin
别名(Alias): 8-Glucopyranosylapigenin; 8-Glucosylapigenin; Orientoside

产品编码(Cat. No.): BP1447
CAS Number: 3681-93-4
分子式(M. F.): C21H20O10
分子量(M. W.): 432.381

批号(Batch No.): PRF8060901
报告日期(Report date): 2017-06-09

Structure



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, 336nm)*	≥98.0%	99.34%
质谱Mass	432.3±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	＜3.0%	1.88%

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

检测方法（**Test Method**）： **Column:** Agilent 5TC-C18，4.6*250mm，5.0um; **Column temperature**: 30℃; **Detection Mode:** UV336nm;**Flow Rate:** 1.0ml/min; **Sample dissolution:** 50% DMF in water; **Mobile Phase: A**, 0.1% phosphoric acid in water **B,** Acetonitrile;**Gradient elution:** B, 15%-30%,15min.

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

复测期（**Retest date**）:two years (2019-06-08) under conditions list above.

QC: Zhang Ling
Date: 2017-06-09

QA: Wu Qi
Date: 2017-06-09

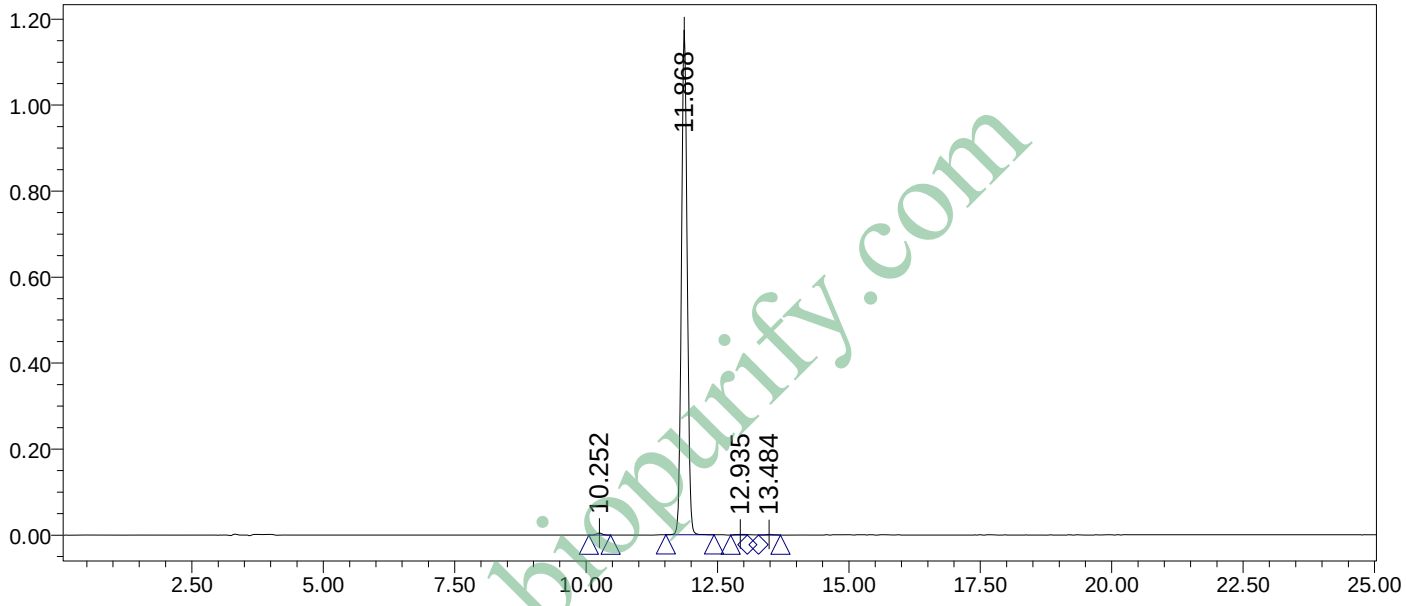
备注(Remarks): The sample solutions should be prepared and used promptly. It is the best preparing the solutions immediately before use. If the solutons have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20℃. Generally, these might be useable for up to two 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:	Vitexin PRF8060901	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	98	Acq. Method Set:	Vitexin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	336.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 336.0 nm
Date Acquired:	2017-6-9 11:37:41 CST		
Date Processed:	2017-6-9 12:42:26 CST		

Auto-Scaled Chromatogram



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Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.252	33201	0.37	46629.18	
2	11.868	8838493	99.34	55877.66	8.17
3	12.935	14701	0.17	66370.09	5.31
4	13.484	11074	0.12	65994.47	2.68