



## 产品分析证书 Certificate of Analysis

中文名称：蔓荆子黄素

English Name : Casticin

别名(Alias): Vitexicarpin

产品编码(Cat. No.):BP0320

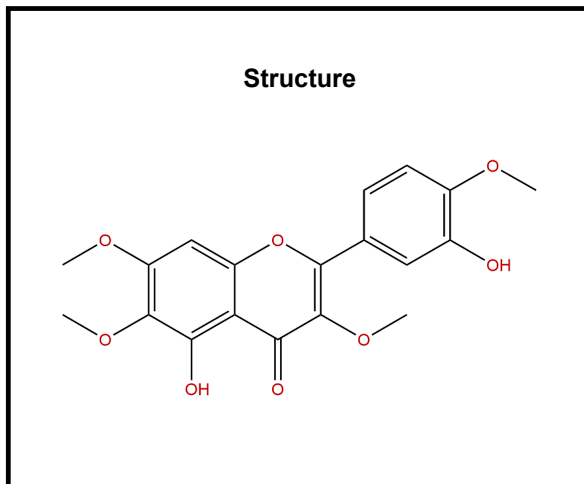
CAS Number: 479-91-4

分子式(M. F.): C<sub>19</sub>H<sub>18</sub>O<sub>8</sub>

分子量(M. W.): 374.345

批号(Batch No.): PRF9040401

报告日期(Report date): 2018-04-04



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,258nm)*	≥98.0%	99.66%
质谱Mass	374.3±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 3.0%	0.64%

\* 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°C; Detection Mode: UV258nm;Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Methanol B, 0.4% Phosphoric acid in water;Isocratic elution: A, 60%.

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 (2020-04-03) under conditions list above.

QC: Zhang Ling

Date: 2018-04-04

QA: Wu Qi

Date: 2018-04-04

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.



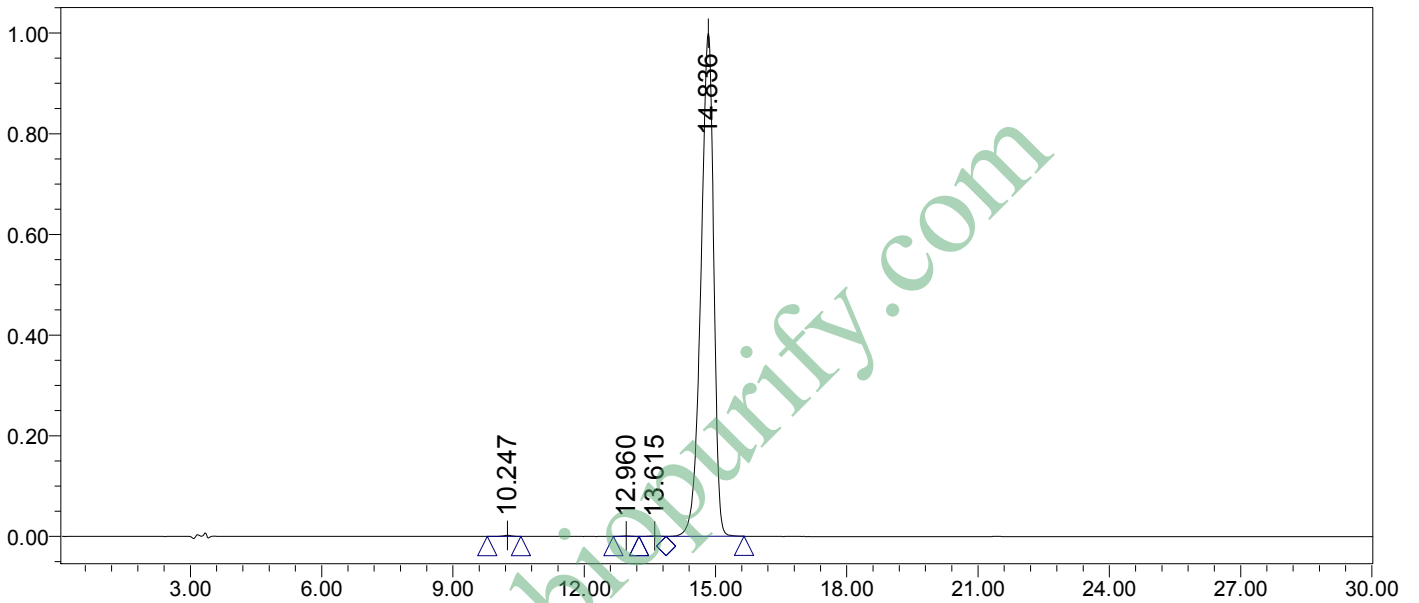
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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

**SAMPLE INFORMATION**

Sample Name:	Casticin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	114	Acq. Method Set:	Casticin
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	258.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 258.0 nm
Date Acquired:	2018-4-4 13:24:32 CST		
Date Processed:	2018-4-4 14:02:17 CST		

**Auto-Scaled Chromatogram**



**Peak Results**

	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.247	32523	0.16	11724.56	
2	12.960	18221	0.09	15066.04	6.64
3	13.615	18786	0.09	12713.84	1.46
4	14.836	20278781	99.66	12322.32	2.43