

产品分析证书
Certificate of Analysis

中文名称：山姜素

English Name : Alpinetin

别名(Alias): 7-Hydroxy-5-methoxyflavanone

产品编码(Cat. No.):BP0160

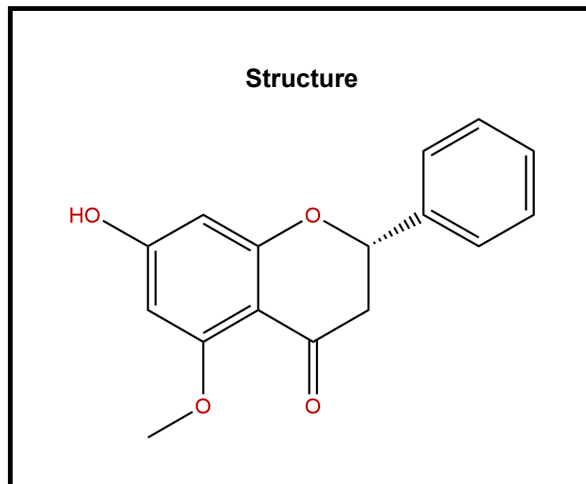
CAS Number: 36052-37-6

分子式(M. F.): C₁₆H₁₄O₄

分子量(M. W.): 270.284

批号(Batch No.): PRF8090823

报告日期(Report date): 2017-09-08



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	Light yellow solid	Light yellow solid
干燥失重Loss on drying	< 3.0%	1.39%
纯度Purity (HPLC-DAD,300nm)*	≥98.0%	99.48%
质谱Mass	270.2±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: UV300nm;Flow Rate: 1.0ml/min; Sample dissolution: 80% Methanol; Mobile Phase: A, Water B, Methanol; Gradient elution: B, 49%.

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 (2019-09-07) under conditions list above.

QC: Zhang Ling

Date: 2017-09-08

QA: Wu Qi

Date: 2017-09-08

备注(Remarks): The sample solutions should be prepared and used within 7 days, 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.

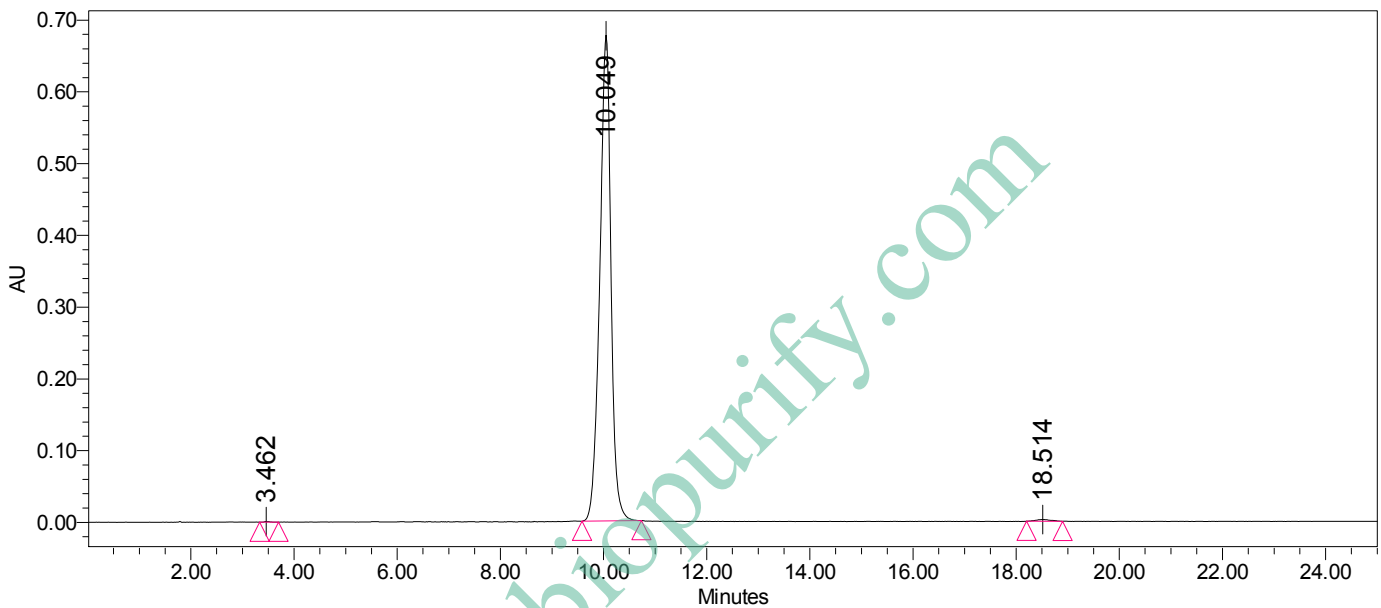
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Alpinetin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	56	Acq. Method Set:	Alpinetin
Injection #:	2	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	300.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 300.0 nm
Date Acquired:	2017-9-8 13:54:34 CST		
Date Processed:	2017-9-8 14:22:47 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		3.462	6457	0.06	3443.5	
2		10.049	10181526	99.48	10672.4	19.3
3		18.514	47086	0.46	11268.2	16.3