

产品分析证书
Certificate of Analysis

中文名称: 光甘草酮

English Name: Glabrone

别名 (Alias): 4H-1-Benzopyran-4-one, 7-hydroxy-3-(5-hydroxy-2,2-dimethyl-2H-1-benzopyran-6-yl)-

产品编码 (Cat. No.): BP3962

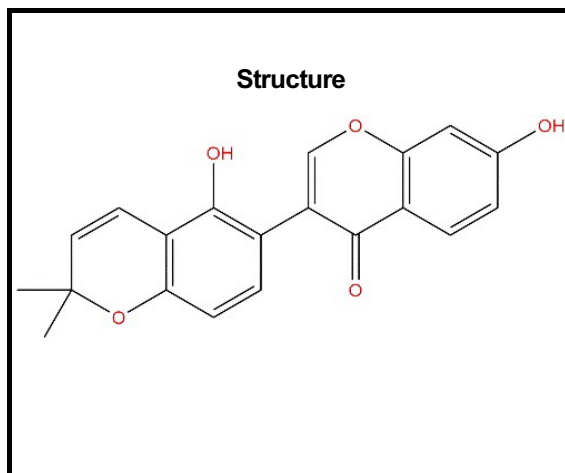
CAS Number: 60008-02-8

分子式 (M. F.): C₂₀H₁₆O₅

分子量 (M. W.): 336.343

批号 (Batch No.): PRF8031328

报告日期 (Report date): 2017年3月14日



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 powder	Light yellow powder
干燥失重 Loss on drying	<3.0%	0.86%
纯度 Purity (HPLC-DAD, 252nm)*	≥98.0%	98.88%
质谱 Mass	336.343±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 Hypersil GOLD AQ C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV252nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A 0.1% Phosphate acid in Water B, Acetonitrile; Gradient elution: B, 45%-60%, 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 (2019-03-13) under conditions list above.

QC: Zhang Ling

Date: 2017年3月14日

QA: Wu Qi

Date: 2017年3月14日

备注 (Remarks): The sample solutions should be prepared and used immediately before use. 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.

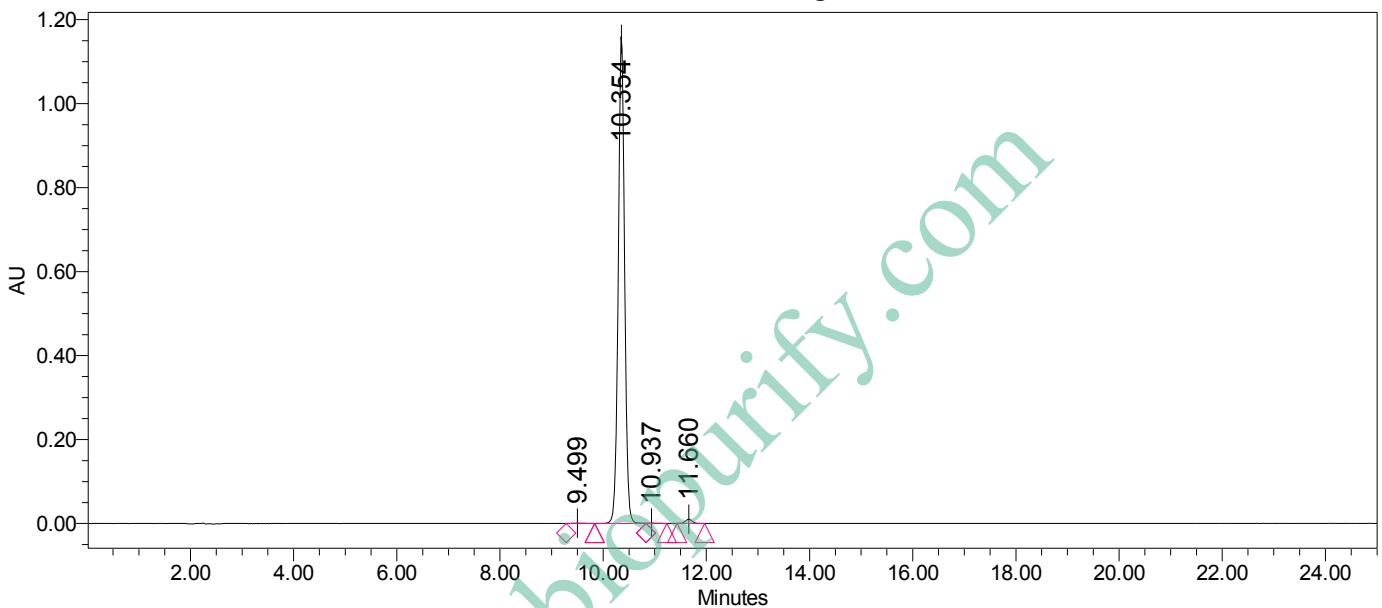
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Glabrone PRF8031328	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	63	Acq. Method Set:	Glabrone
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	252.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 252.0 nm
Date Acquired:	2017-3-14 11:38:06 CST		
Date Processed:	2017-3-14 12:29:11 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.499	12007	0.12	12244.1	
2		10.354	9947690	98.88	34151.1	3.3
3		10.937	10417	0.10		2.6
4		11.660	90258	0.90	38761.5	3.1