

产品分析证书

Certificate of Analysis

中文名称：甘草酸

English Name : Glycyrrhizic acid

别名(Alias): Glycyrrhizic acid; Dermacrin; Glycyrrhizin;
Glycyrrhizin

产品编码(Cat. No.):BP0682

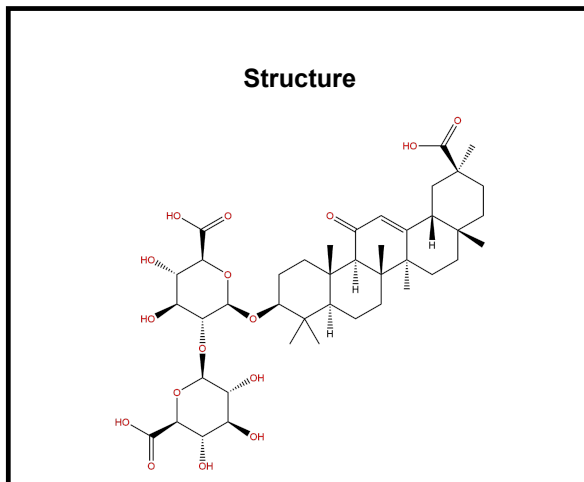
CAS Number: 1405-86-3

分子式(M. F.): C₄₂H₆₂O₁₆

分子量(M. W.): 822.942

批号(Batch No.): PRF8092701

报告日期(Report date): 2017-09-27



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	Off-white powder	Off-white powder
纯度Purity (HPLC-DAD,252nm)*	≥98.0%	99.11%
质谱Mass	822.9±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 3.0%	0.91%

* 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: UV252nm;

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B,30%-40%,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 (2019-09-26) under conditions list above.

QC: Zhang Ling

Date: 2017-09-27

QA: Wu Qi

Date: 2017-09-27

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.



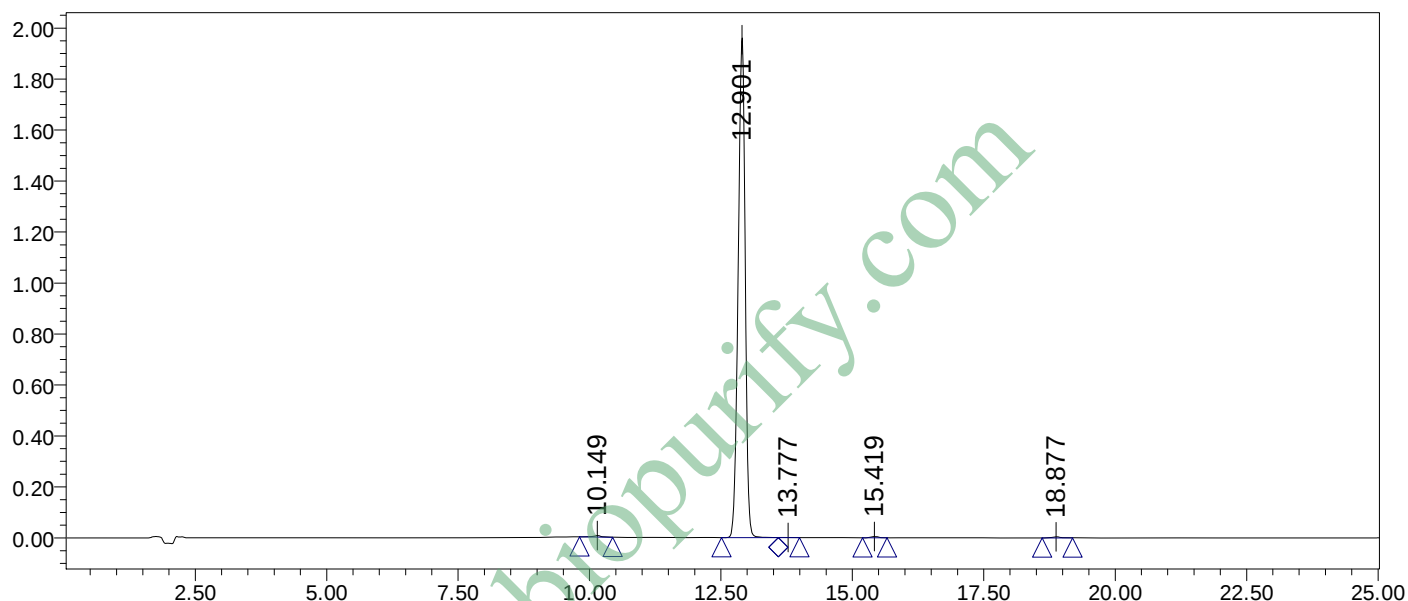
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Glycyrrhizic acid	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	119	Acq. Method Set:	Glycyrrhizic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	252.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 252.0 nm
Date Acquired:	2017-9-27 15:38:38 CST		
Date Processed:	2017-9-27 16:05:55 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.149	59536	0.32	27652.05	
2	12.901	18311753	99.11	43344.42	11.02
3	13.777	12069	0.07	28622.77	2.49
4	15.419	45720	0.25	64218.78	4.68
5	18.877	47943	0.26	67488.53	12.69