产品分析证书
Certificate of Analysis

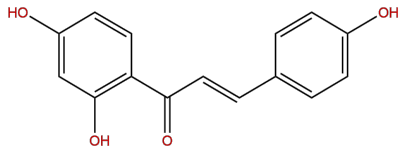
中文名称：异甘草素

English Name： Isoliquiritigenin
别名(Alias):

产品编码(Cat. No.): BP0787
CAS Number: 961-29-5
分子式(M. F.): C15H12O4
分子量(M. W.): 256.257

批号(Batch No.): PRF8031324
报告日期(Report date): 2017-03-13

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
干燥失重Loss on drying	＜3.0%	0.83%
纯度Purity (HPLC-DAD, 360nm)*	≥98.0%	99.84%
质谱Mass	256.257±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℃; **Detection Mode:** UV360nm

Flow Rate: 1.0ml/min; **Sample dissolution:** Methanol; **Mobile Phase: A**, 0.1% Phosphate acid in water **B**,Acetonitrile;**Gradient elution:** B, 25%-45%,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 (2019-03-12) under conditions list above.

QC: Zhang Ling
Date: 2017-03-13

QA: Wu Qi
Date: 2017-03-13

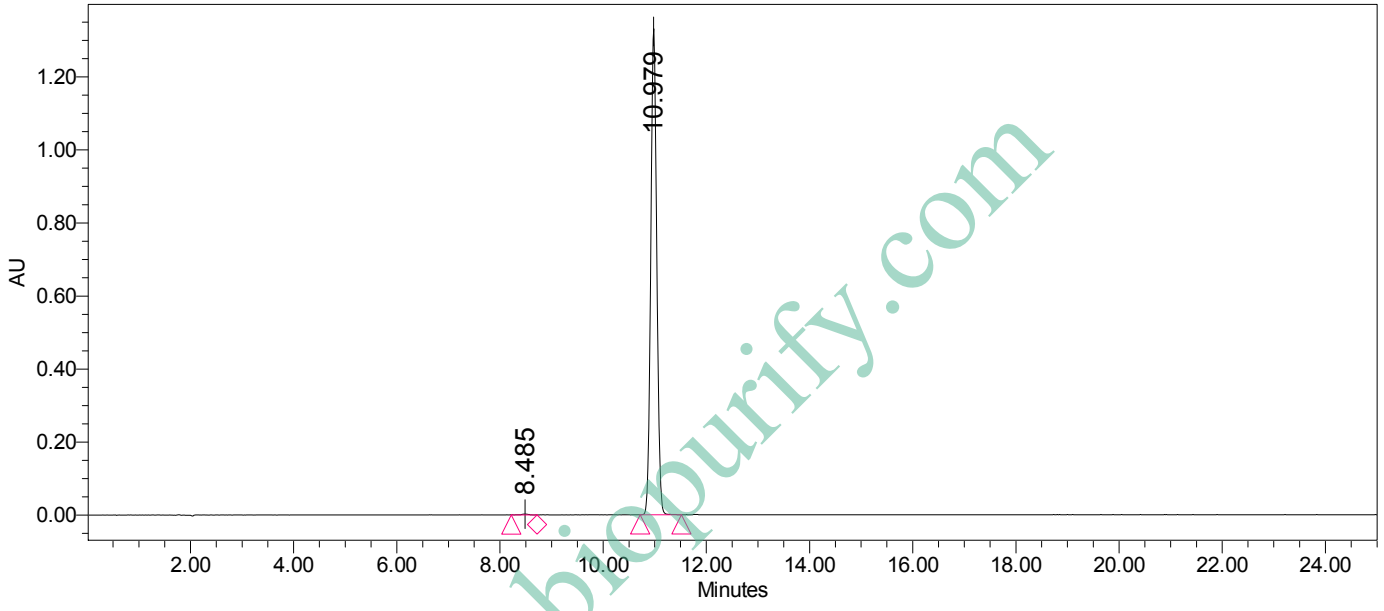
备注(Remarks): The sample solutions should be prepared and used on the same day. It is the best preparing the solutions immediately before use. If the solutons have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20℃. Generally, these might be useable for up 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:	Isoliquiritigenin PRF8031324	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	73	Acq. Method Set:	Isoliquiritigenin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	360.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 360.0 nm
Date Acquired:	2017-3-13 12:05:42 CST		
Date Processed:	2017-3-13 12:41:19 CST		

Auto-Scaled Chromatogram



www.biopurify.com

Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		8.485	17620	0.16	31995.1	
2		10.979	10838964	99.84	41221.0	12.2