

产品分析证书 Certificate of Analysis

中文名称: 黄芩苷甲酯

English Name: Baicalin methyl ester

别名 (Alias):

产品编码 (Cat. No.): BP2026

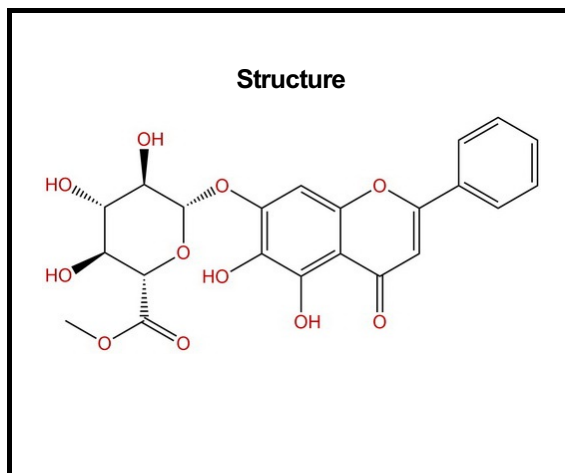
CAS Number: 82475-03-4

分子式 (M. F.): C₂₂H₂₀O₁₁

分子量 (M. W.): 460.391

批号 (Batch No.): PRF8032001

报告日期 (Report date): 2017-03-20



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
纯度 Purity (HPLC-DAD, 277nm)*	≥95.0%	95.70%
质谱 Mass	460.391±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.73%

* 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: UV277nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water (PH=7) B, Acetonitrile; Gradient elution: B, 25%-40%, 15min.

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 (2017-03-19) under conditions list above.

QC: Zhang Ling

Date: 2017-03-20

QA: Wu Qi

Date: 2017-03-20

备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. 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.

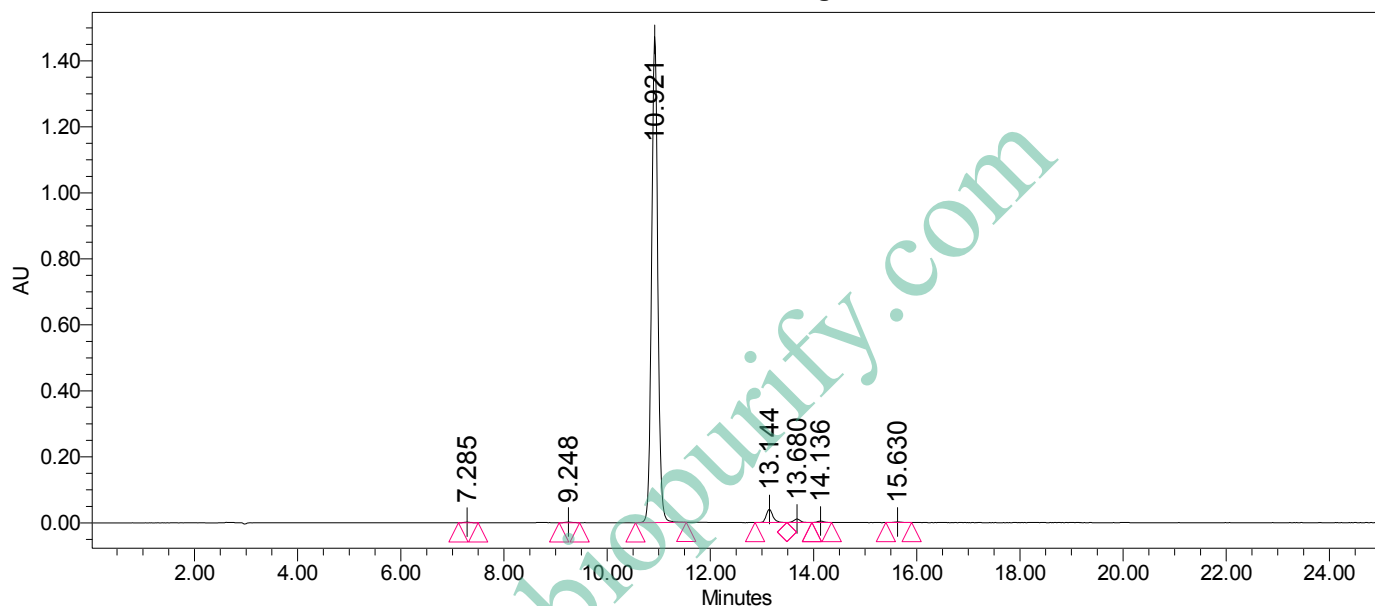
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Baicalin methyl ester PRF8032001	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1	Acq. Method Set:	Baicalin methyl ester
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	277.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 277.0 nm
Date Acquired:	2017-3-20 15:47:18 CST		
Date Processed:	2017-3-20 16:21:31 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.285	12819	0.10	20883.8	
2		9.248	16803	0.13	27338.0	8.9
3		10.921	12327711	95.70	39801.8	7.3
4		13.144	362746	2.82	53265.4	9.7
5		13.680	99455	0.77	55712.9	2.3
6		14.136	39274	0.30	65010.6	1.9
7		15.630	22238	0.17	62465.4	5.9