

产品分析证书
Certificate of Analysis

中文名称: 高黄芩素

English Name: Scutellarein

别名 (Alias): 6-Hydroxyapigenin

产品编码 (Cat. No.): BP1277

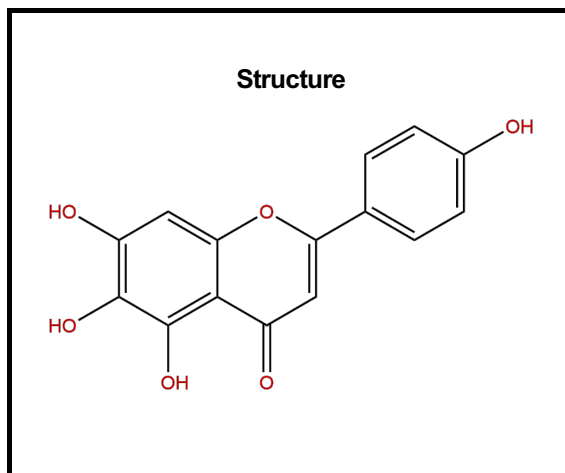
CAS Number: 529-53-3

分子式 (M. F.): C₁₅H₁₀O₆

分子量 (M. W.): 286.239

批号 (Batch No.): PRF8071402

报告日期 (Report date): 2017-07-14



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, 335nm)*	≥98.0%	98.90%
质谱 Mass	286.2±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.95%

* 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: UV335nm; Flow Rate: 1.0ml/min; Sample

dissolution: 10% DMF in methanol; Mobile Phase: A 0.1% phosphoric acid in water B, Acetonitrile; Gradient elution: B, 18%-28%, 20min.

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 (2019-07-13) under conditions list above.

QC: Zhang Ling

Date: 2017-07-14

QA: Wu Qi

Date: 2017-07-14

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 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.

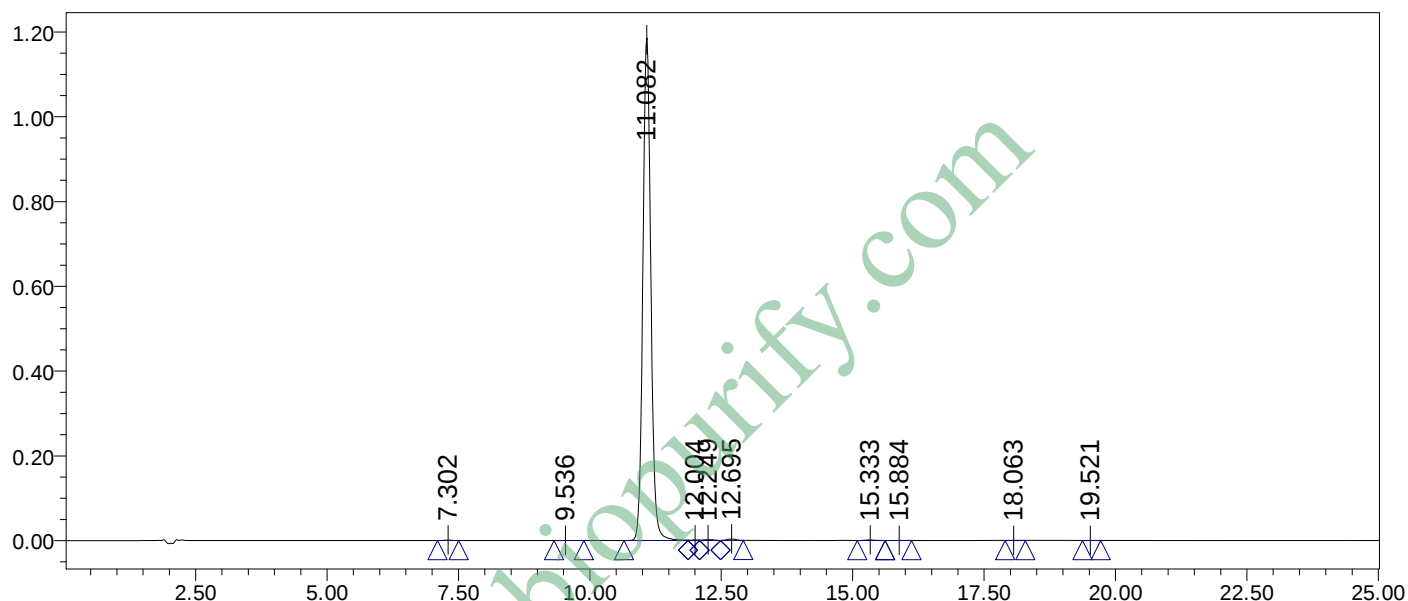
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Scutellarein PRF8071402	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	74	Acq. Method Set:	Scutellarein
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	335.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 335.0 nm
Date Acquired:	2017-7-14 13:54:42 CST		
Date Processed:	2017-7-14 14:37:43 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.302	11829	0.09	14897.01	
2	9.536	6256	0.05	15001.20	7.61
3	11.082	12451455	98.90	26338.95	5.03
4	12.004	13596	0.11		
5	12.249	28258	0.22	8882.27	
6	12.695	40233	0.32	27478.11	
7	15.333	19640	0.16	34731.90	8.21
8	15.884	7350	0.06	45579.05	1.65
9	18.063	5778	0.05	71802.40	7.15
10	19.521	5818	0.05	93479.29	5.47