

产品分析证书
Certificate of Analysis

中文名称: 染料木素

English Name: Genistein

别名 (Alias): 4',5,7-Trihydroxyisoflavone

产品编码 (Cat. No.): BP0634

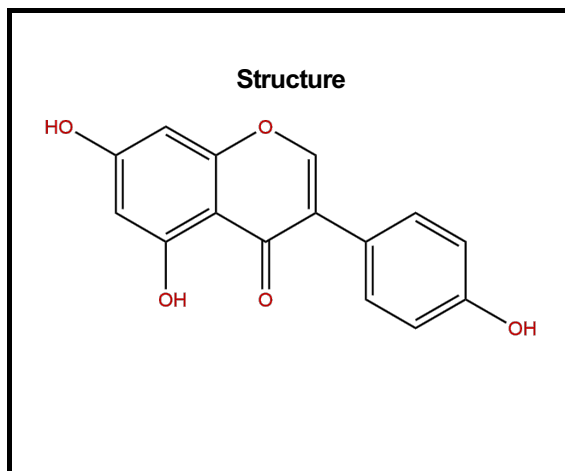
CAS Number: 446-72-0

分子式 (M. F.): C₁₅H₁₀O₅

分子量 (M. W.): 270.24

批号 (Batch No.): PRF7102143

报告日期 (Report date): 2016/10/21



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 brown powder	Light brown powder
干燥失重 Loss on drying	<3.0%	1.65%
纯度 Purity (HPLC-DAD, 260nm)*	≥98.0%	99.10%
质谱 Mass	270.24±1	Conforms
核磁 NMR	Comply with the structure	Conforms

* 色谱图见附件 (Please find HPLC chromatography attached.)

贮存条件 (Storage): 2~8℃

复测期 (Retest date): two years (2018-10-20) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

In case of quality issue, please contact us within 15 days after receipt of the product.

QC:

Zhang Ling

Date: 2016年10月21日

QA:

Wu Qi

Date: 2016年10月21日

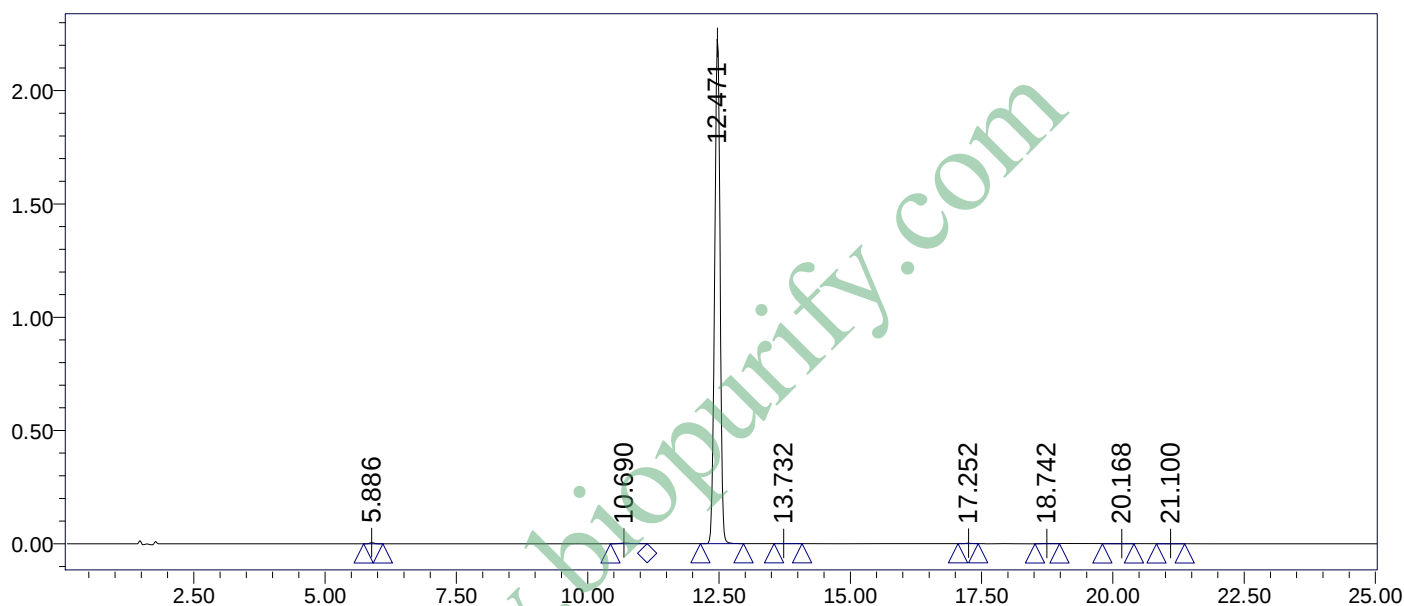
Tel: +86-28-82633987 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Genistein PRF7102143	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	20	Acq. Method Set:	Genistein
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	260.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 260.0 nm
Date Acquired:	2016-10-21 13:13:44 CST		
Date Processed:	2016-10-21 13:47:02 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.886	31319	0.19	23106.30	
2	10.690	44773	0.28	10042.86	15.51
3	12.471	15917230	99.10	68830.20	5.41
4	13.732	7694	0.05	43989.80	5.34
5	17.252	17050	0.11	98062.30	14.02
6	18.742	17871	0.11	70013.21	5.78
7	20.168	8241	0.05	47575.65	4.26
8	21.100	18122	0.11	53515.02	2.50