

产品分析证书
Certificate of Analysis

中文名称: 小檗碱

English Name: Berberine

别名 (Alias): Berbericine

产品编码 (Cat. No.): BP0251

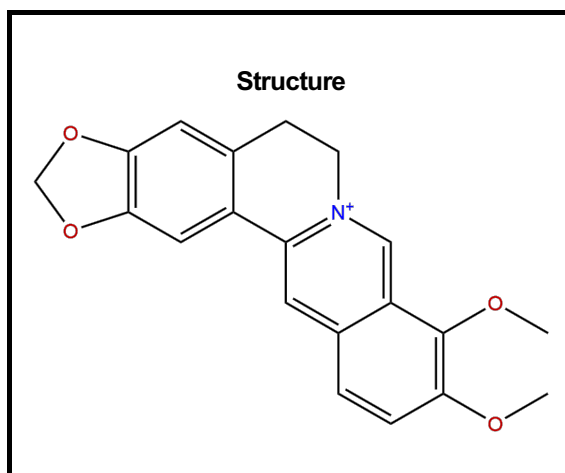
CAS Number: 2086-83-1

分子式 (M. F.): C₂₀H₁₈NO₄⁺

分子量 (M. W.): 336.366

批号 (Batch No.): PRF7091801

报告日期 (Report date): 2016/9/18



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%	2.26%
纯度 Purity (HPLC-DAD, 347nm)*	≥98.0%	99.37%
质谱 Mass	336.366±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 (2018-09-17) 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9月18日

QA:

Wu Qi

Date: 2016年9月18日

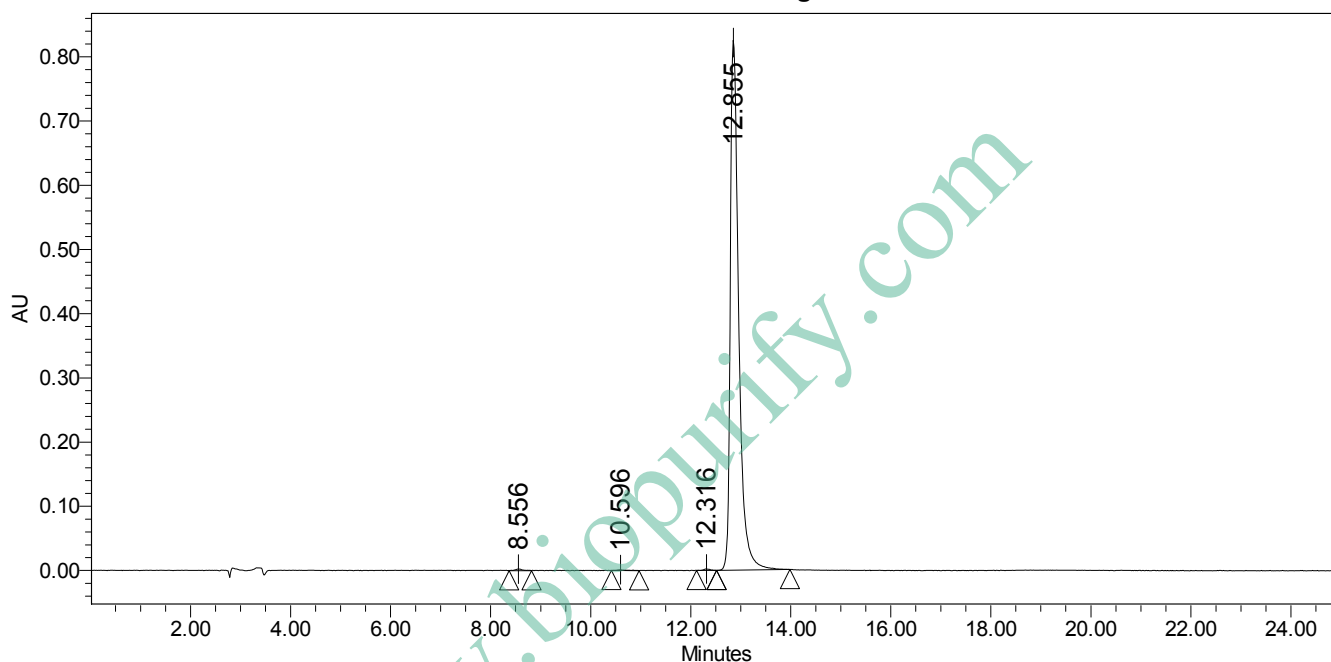
Tel: +86-28-82633987 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Berberine PRF7091801	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	70	Acq. Method Set:	Berberine
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	347.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 347.0 nm
Date Acquired:	2016-9-18 12:12:14 CST		
Date Processed:	2016-9-18 13:17:35 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		8.556	23696	0.24	19093.82	
2		10.596	16475	0.17	23121.62	8.80
3		12.316	21010	0.22	49806.56	8.21
4		12.855	9682299	99.37	32605.67	2.15