

产品分析证书
Certificate of Analysis

中文名称: 盐酸黄连碱

English Name: Coptisine Chloride

别名 (Alias):

产品编码 (Cat. No.): BP0391

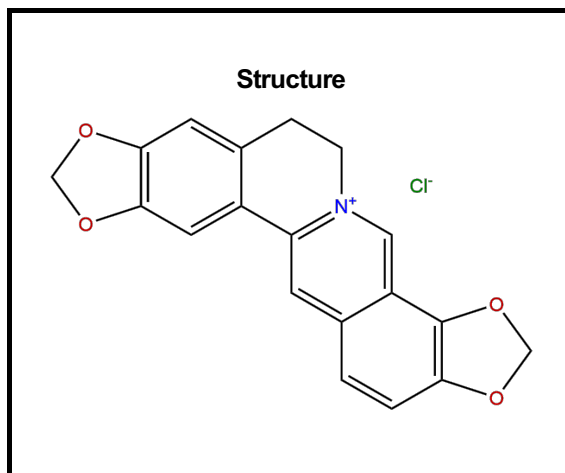
CAS Number: 6020-18-4

分子式 (M. F.): C₁₉H₁₄ClNO₄

分子量 (M. W.): 355.774

批号 (Batch No.): PRF7101101

报告日期 (Report date): 2016/10/11



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	Orange cotton	Orange cotton
干燥失重 Loss on drying	<3.0%	1.28%
纯度 Purity (HPLC-DAD, 345nm)*	≥98.0%	98.38%
质谱 Mass	355.774±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°C

复测期 (Retest date): two years (2018-10-10) 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11日

QA:

Wu Qi

Date: 2016年10月11日

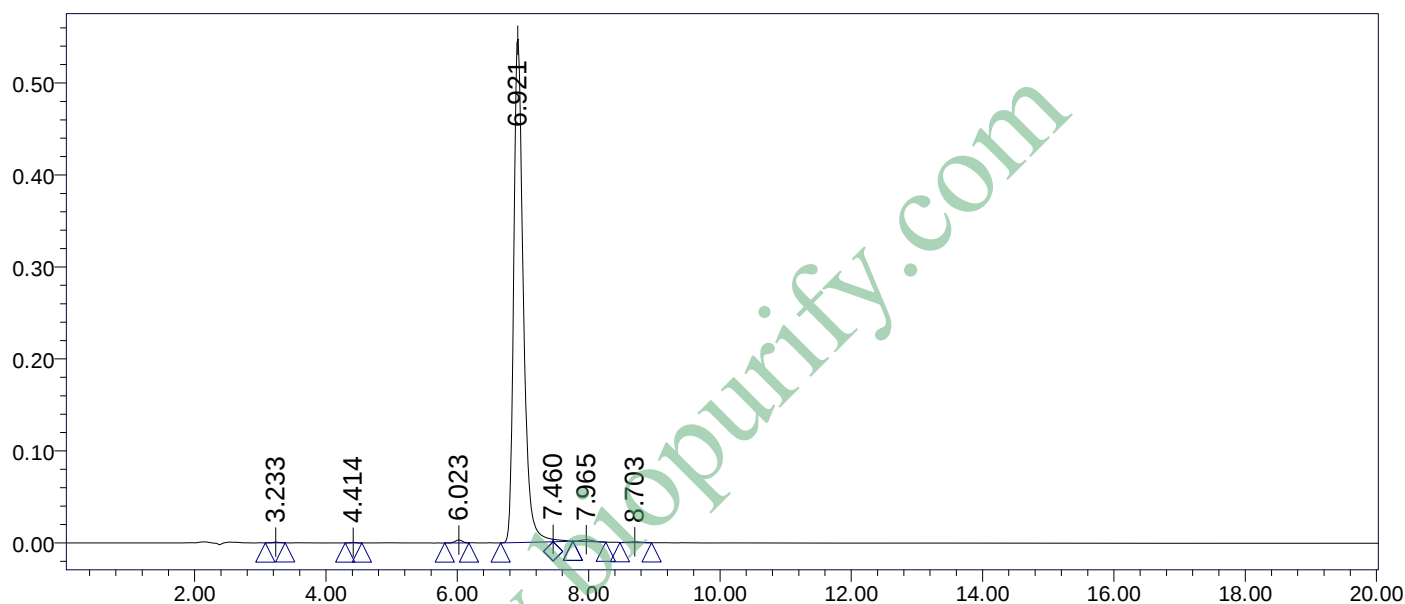
Tel: +86-28-82633987 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Coptisine hydrochloride	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	21	Acq. Method Set:	Coptisine hydrochloride
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	345.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 345.0 nm
Date Acquired:	2016-10-11 9:41:23 CST		
Date Processed:	2016-10-11 10:05:29 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	3.233	4374	0.08	8266.67	
2	4.414	3424	0.06	18550.14	8.38
3	6.023	23931	0.42	14495.86	9.54
4	6.921	5556978	98.38	11377.22	3.80
5	7.460	22545	0.40		
6	7.965	27103	0.48	8034.44	
7	8.703	10387	0.18	12548.79	2.19