

产品分析证书
Certificate of Analysis

中文名称: 大黄酸

English Name: Rhein

别名 (Alias): Monorhein; Cassic acid

产品编码 (Cat. No.): BP1208

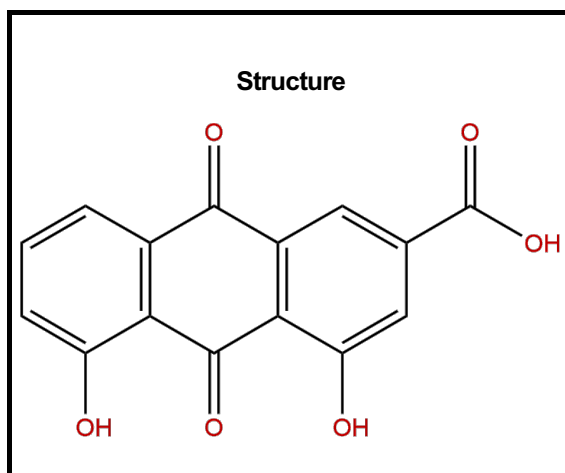
CAS Number: 478-43-3

分子式 (M. F.): C₁₅H₈O₆

分子量 (M. W.): 284.223

批号 (Batch No.): PRF7080541

报告日期 (Report date): 2016/8/05



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 red powder	Orange red powder
干燥失重 Loss on drying	<3.0%	1.4%
纯度 Purity (HPLC-DAD, 254nm)*	≥98.0%	98.29%
质谱 Mass	284.223±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 (2018-08-04) 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8月5日

QA:

Wu Qi

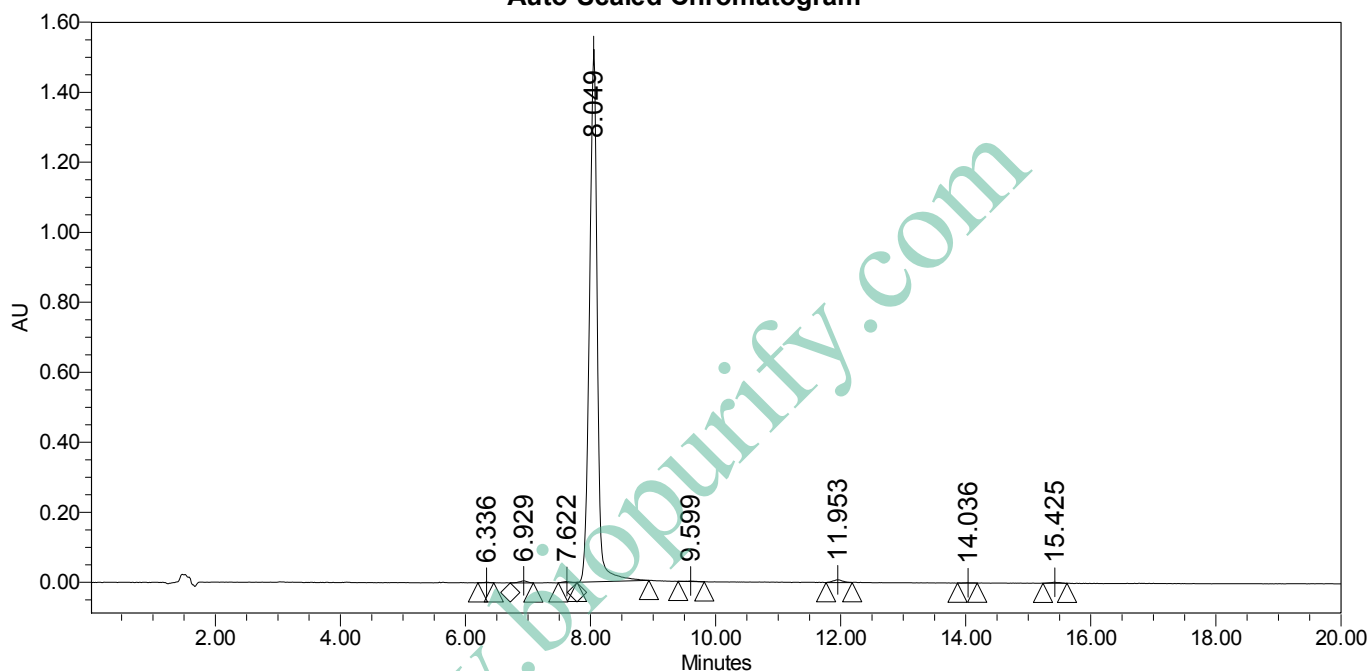
Date: 2016年8月5日



SAMPLE INFORMATION

Sample Name:	Rhein PRF7080541	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	19	Acq. Method Set:	Rhein
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	254.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 254.0 nm
Date Acquired:	2016-8-8 9:22:55 CST		
Date Processed:	2016-8-8 9:50:20 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		6.336	10438	0.08	6038.38	
2		6.929	48639	0.36	14084.86	2.58
3		7.622	32731	0.24	10611.11	2.85
4		8.049	13135097	98.29	21007.10	1.83
5		9.599	15000	0.11	25684.35	5.52
6		11.953	84949	0.64	28760.53	7.56
7		14.036	6277	0.05	313245.51	5.05
8		15.425	30231	0.23	35909.37	3.38