

产品分析证书
Certificate of Analysis

中文名称：双氢青蒿素

English Name：Dihydroartemisinin

别名(Alias): Dihydroqinghaosu

产品编码(Cat. No.):BP0491

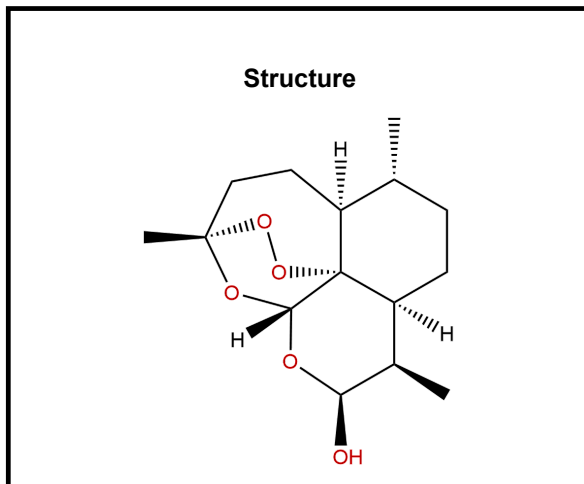
CAS Number: 71939-50-9

分子式(M. F.): C₁₅H₂₄O₅

分子量(M. W.): 284.352

批号(Batch No.): PRF8103022

报告日期(Report date): 2017-10-30



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	Off-white powder	Off-white powder
干燥失重Loss on drying	< 3.0%	1.4%
纯度Purity (HPLC-ELSD)*	≥98.0%	99.94%
质谱Mass	284.3±1	Conforms
核磁NMR	Comply with the structure	Conforms

* 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: ELSD;Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Water B, Acetonitrile;Gradient elution: B, 40%-55%,15min.

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 (2019-10-29) under conditions list above.

QC: Zhang Ling

Date: 2017-10-30

QA: Wu Qi

Date: 2017-10-30

备注(Remarks): The sample solutions should be prepared 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.

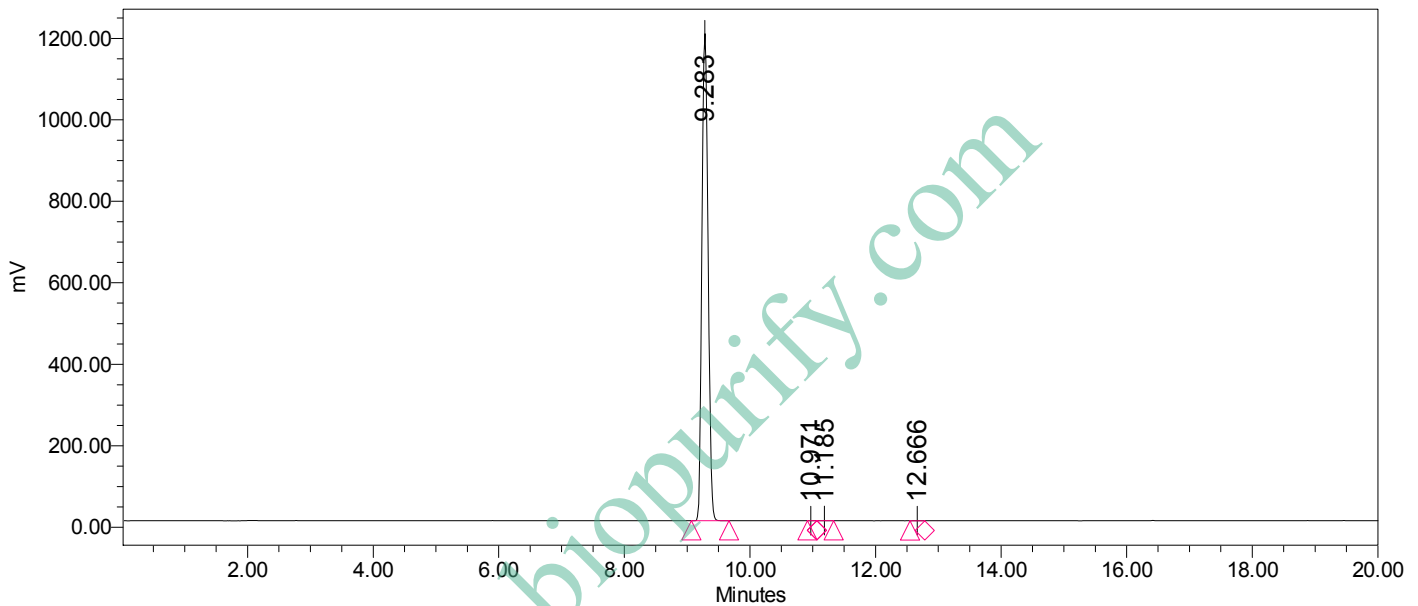
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Dihydroartemisinin PRF8103022	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	97	Acq. Method Set:	Dihydroartemisinin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2017-10-30 14:04:30 CST		
Date Processed:	2017-10-30 14:28:31 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.283	8271409	99.94	40824.8	
2		10.971	1118	0.01	307983.9	12.6
3		11.185	1964	0.02	324506.8	1.2
4		12.666	2260	0.03	261885.3	7.6