

产品分析证书 Certificate of Analysis

中文名称: 胆红素

English Name: Bilirubin

别名 (Alias): 2,17-Diethenyl-1,10,19,22,23,24-hexahydro-3,7,13,18-tetramethyl-1,19-dioxo-21H-bilane-8,12-dipropionic Acid

产品编码 (Cat. No.): BP3455

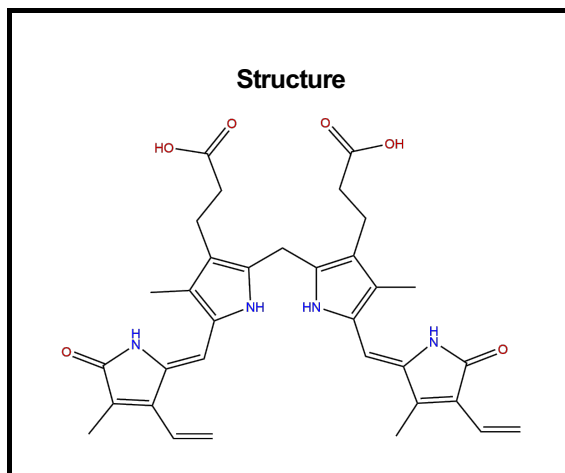
CAS Number: 635-65-4

分子式 (M. F.): C₃₃H₃₆N₄O₆

分子量 (M. W.): 584.673

批号 (Batch No.): PRF8030829

报告日期 (Report date): 2017年3月09日



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%	1.02%
纯度 Purity (HPLC-DAD, 450nm)*	≥90.0%	92.11%
质谱 Mass	584.673±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 BDS Hypersil C18, 4.6*100mm, 2.4um; Column temperature: 30°C; Detection Mode: UV450nm; Flow Rate: 1.0ml/min; Sample dissolution: DMF; Mobile Phase: A, 0.1% Phosphate acid in Water B, Acetonitrile; Gradient elution: B, 85%-95%, 15min.

贮存条件 (Storage): 2-8°C, protected from light, keep package airproofed when not in use.

复测期 (Retest date): two years (2019-03-08) under conditions list above.

QC: Zhang Ling

Date: 2017年3月09日

QA: Wu Qi

Date: 2017年3月09日

备注 (Remarks): The sample solutions should be prepared and used immediately before use. It is the best preparing the solutions 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.

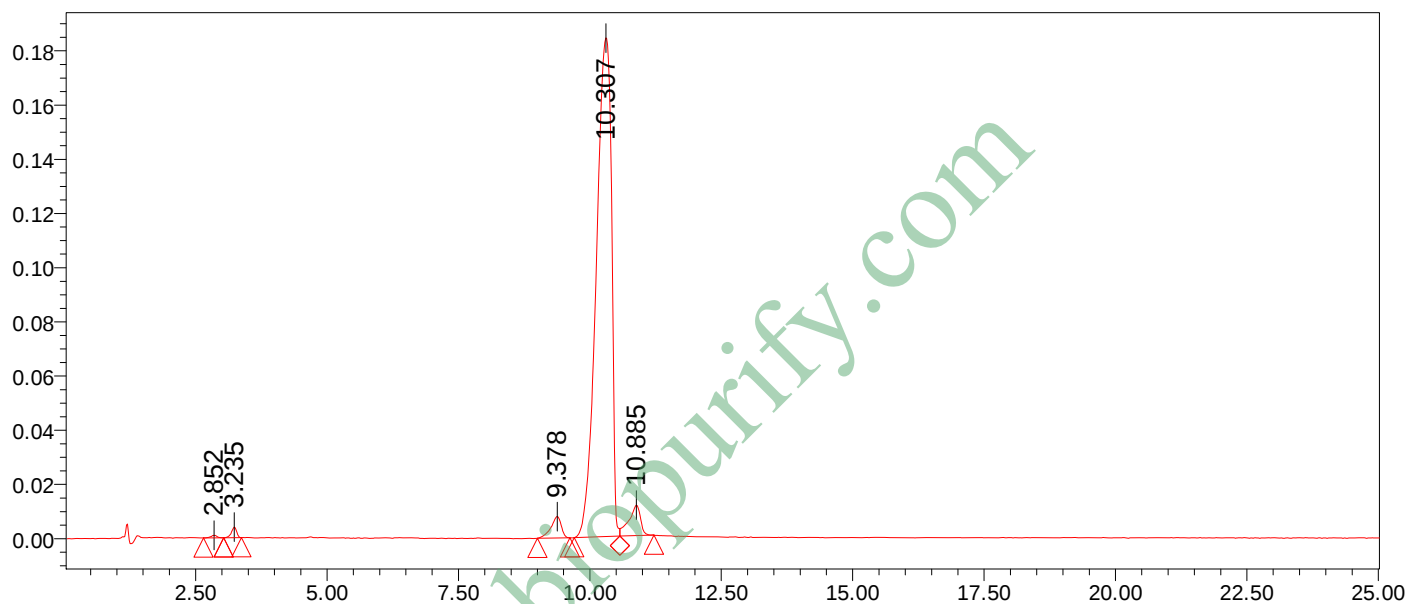
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Bilirubin PRF8030829	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	21	Acq. Method Set:	Bilirubin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	450.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 450.0 nm
Date Acquired:	2017-3-9 9:09:53 CST		
Date Processed:	2017-3-9 9:45:09 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	2.852	8013	0.20	3052.73	
2	3.235	27144	0.67	5160.50	1.89
3	9.378	107977	2.68	10898.91	21.60
4	10.307	3708913	92.11	6413.10	2.08
5	10.885	174702	4.34	10369.33	1.12