

产品分析证书
Certificate of Analysis

中文名称: 岩藻黄质

English Name: Fucoxanthin

别名 (Alias): Fucoxanthol

产品编码 (Cat. No.): BP0603

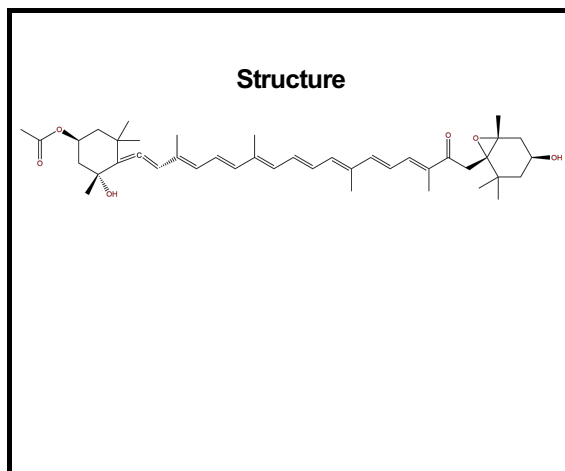
CAS Number: 3351-86-8

分子式 (M. F.): C₄₂H₅₈O₆

分子量 (M. W.): 658.92

批号 (Batch No.): PRF7091202

报告日期 (Report date): 2016/9/13



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	Brick red powder	Brick red powder
干燥失重 Loss on drying	<3.0%	1.21%
纯度 Purity (HPLC-DAD, 450nm)*	≥98.0%	98.55%
质谱 Mass	658.92±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 (2018-09-12) 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13日



QA:

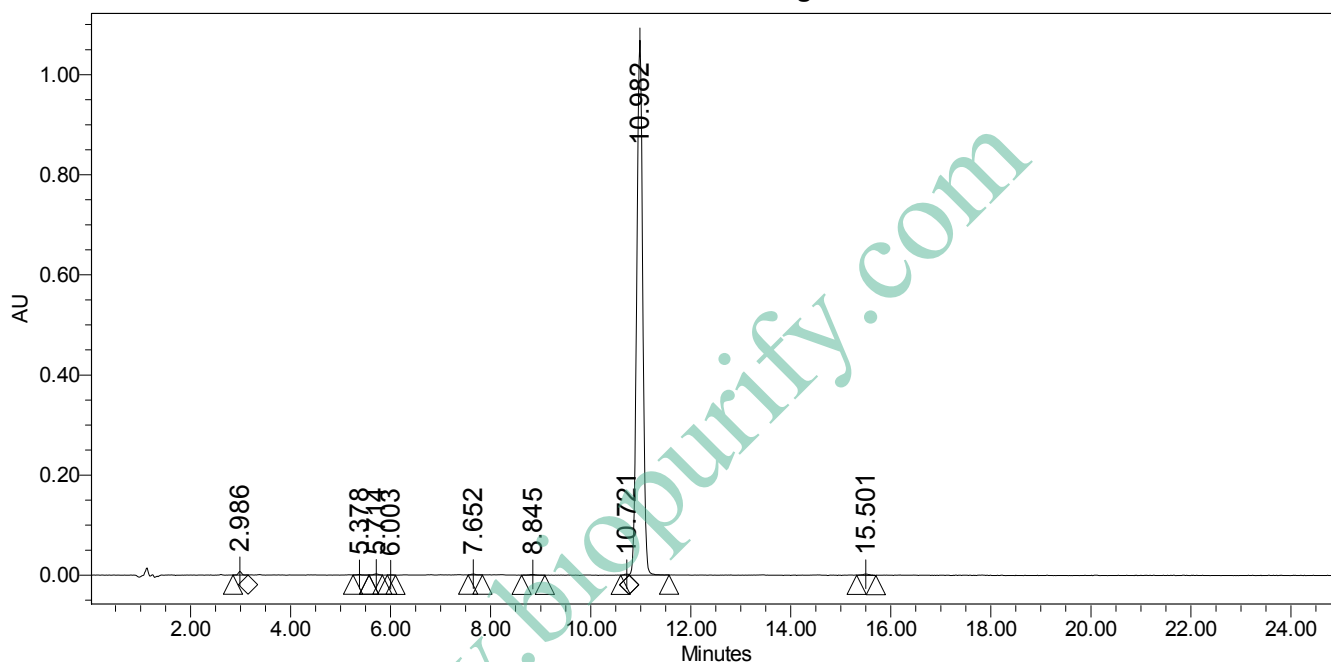
Wu Qi

Date: 2016年9月13日

SAMPLE INFORMATION

Sample Name:	Fucoxanthin PRF7091202	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	7	Acq. Method Set:	Fucoxanthin
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:	2016-9-13 10:06:09 CST		
Date Processed:	2016-9-13 10:34:29 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.986	32376	0.36	10405.67	
2		5.378	9036	0.10	23655.52	18.34
3		5.714	15072	0.17	16989.71	2.23
4		6.003	4698	0.05	6157.27	1.88
5		7.652	13837	0.15	25270.22	9.27
6		8.845	18289	0.20	14670.72	2.16
7		10.721	13361	0.15		2.09
8		10.982	8842709	98.55	39346.32	0.47
9		15.501	23740	0.26	95713.12	15.98