产品分析证书
Certificate of Analysis

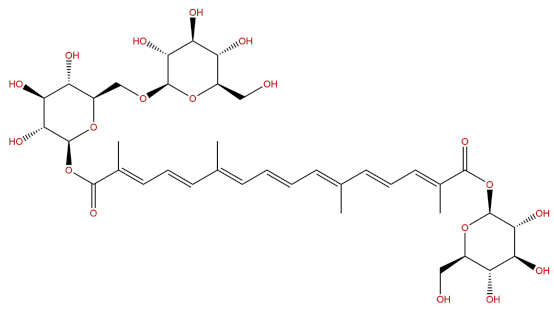
中文名称：西红花苷 II

English Name：Crocin II
别名(Alias): Crocin-2

产品编码(Cat. No.):BP0407
CAS Number: 55750-84-0
分子式(M. F.): C38H54O19
分子量(M. W.): 814.831

批号(Batch No.): PRF8082543
报告日期(Report date): 2017-08-25

Structure



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	Dark red powder	Dark red powder
纯度Purity(HPLC-DAD,440nm)*	≥98.0%	99.48%
干燥失重Loss on drying	< 3.0%	1.41%
质谱Mass	814.8±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: Agilent 5TC-C18，4.6*250mm，5.0um; **Column temperature**: 30℃; **Detection Mode:** UV440nm;**Flow Rate:** 1.0ml/min; **Sample dissolution:** 10% DMF in methanol; **Mobile Phase: A,** Water **B,** Methanol; **Isocratic elution:** B, 55%.

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

复测期（Retest date）:two years (2019-08-24) under conditions list above.

QC: Zhang Ling
Date: 2017-08-25

QA: Wu Qi
Date: 2017-08-25

备注(Remarks): The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutons have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20℃. 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.

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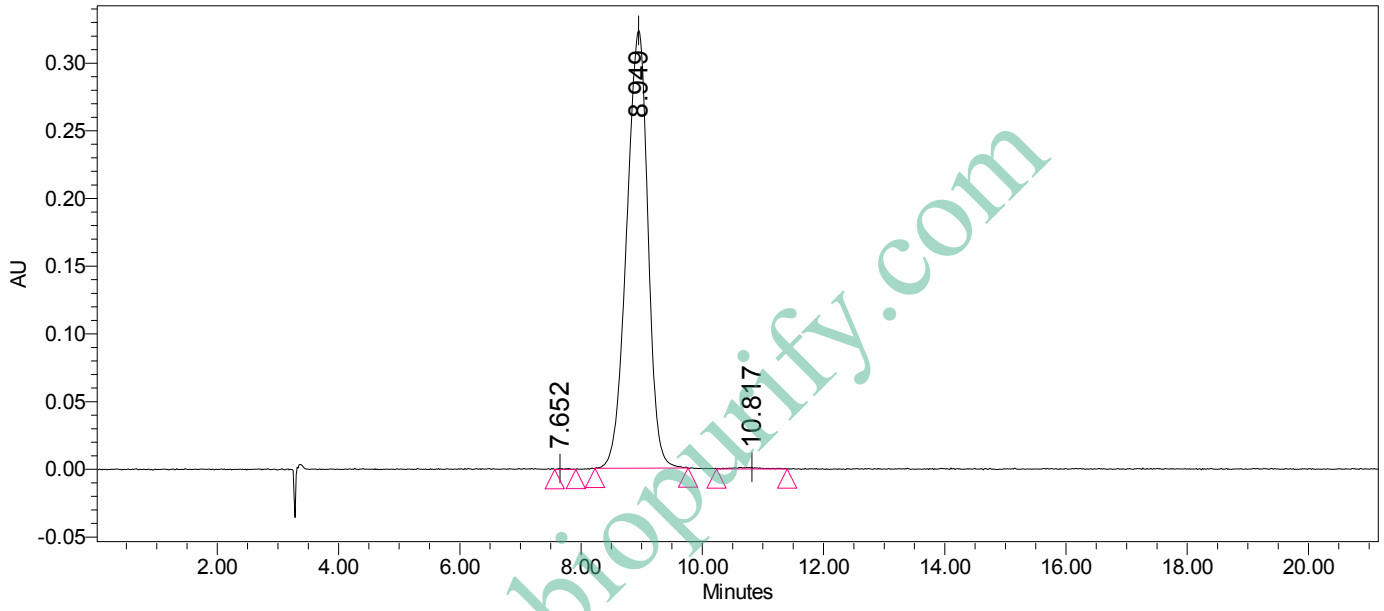
SAMPLE INFORMATION

Sample Name:	Crocin II	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	19	Acq. Method Set:	Crocin II
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	440.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 440.0 nm
Date Acquired:	2017-8-25 15:57:48 CST		
Date Processed:	2017-8-25 16:24:21 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.652	8869	0.11	90920.4	
2		8.949	7888305	99.48	3051.1	3.4
3		10.817	32164	0.41	16381.6	3.1