

产品分析证书
Certificate of Analysis

中文名称: 黄腐醇

English Name: Xanthohumol

别名 (Alias):

产品编码 (Cat. No.): BP1458

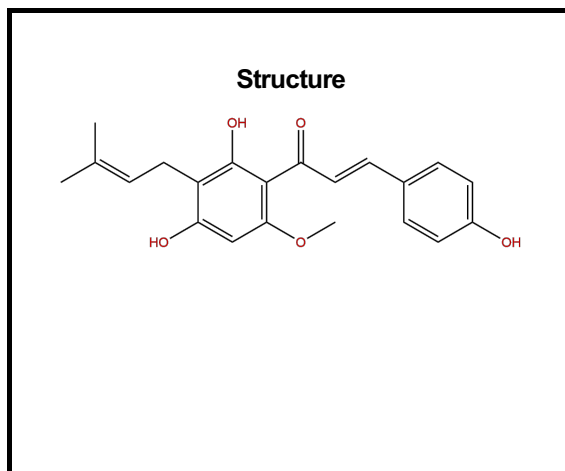
CAS Number: 6754-58-1

分子式 (M. F.): C₂₁H₂₂O₅

分子量 (M. W.): 354.39638

批号 (Batch No.): PRF8032122

报告日期 (Report date): 2017-03-21



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	yellow powder	yellow powder
干燥失重 Loss on drying	<3.0%	0.97%
纯度 Purity (HPLC-DAD, 370nm)*	≥98.0%	98.87%
质谱 Mass	354.39638±1	Conforms
核磁 NMR	Comply with the structure	Conforms
含量 Assay	≥97.0%	97.75%

* 色谱图见附件 (Please find HPLC chromatography attached.)

检测方法 (Test Method): Column: Thermo HyPURITYC18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV370nm; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in Water, B, Acetonitrile; Gradient elution: B, 40%-70%, 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 (2019-03-20) under conditions list above.

QC: Zhang Ling

Date: 2017-03-21

QA: Wu Qi

Date: 2017-03-21

备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. 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 receiving the product.

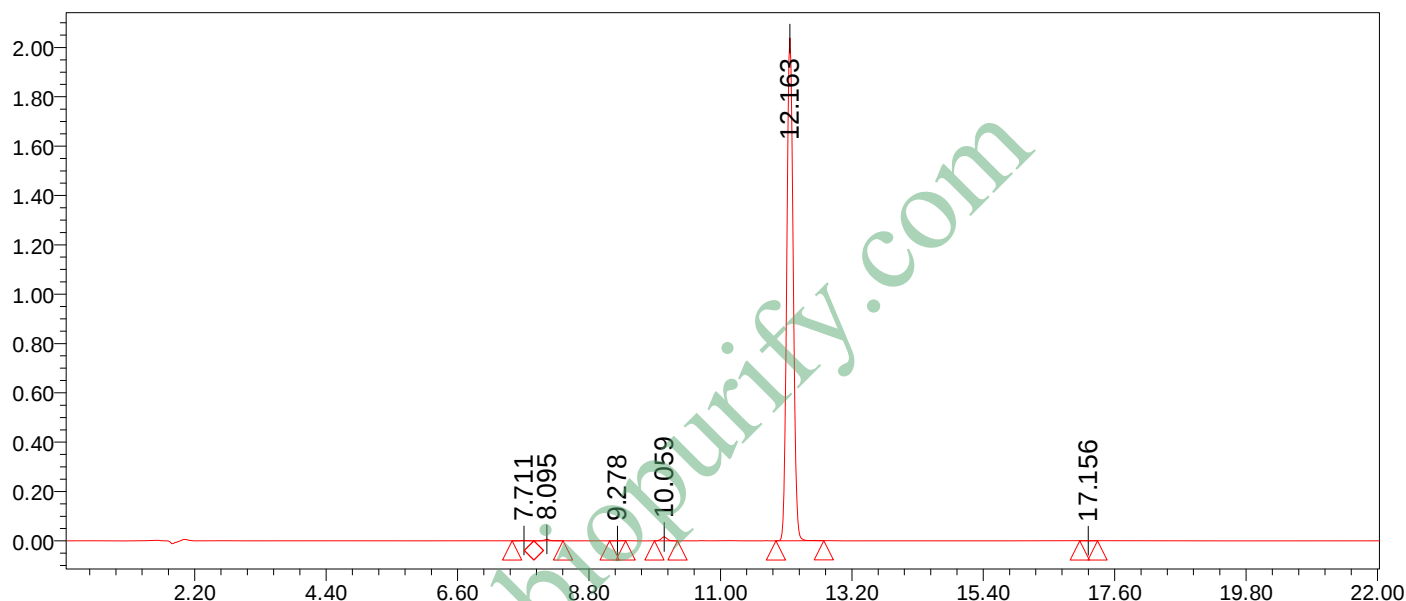
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Xanthohumol PRF8032122-1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Xanthohumol 20170321
Vial:	14	Acq. Method Set:	Xanthohumol
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	370.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 370.0 nm
Date Acquired:	2017-3-21 15:34:55 CST		
Date Processed:	2017-3-21 16:03:29 CST		

Auto-Scaled Chromatogram



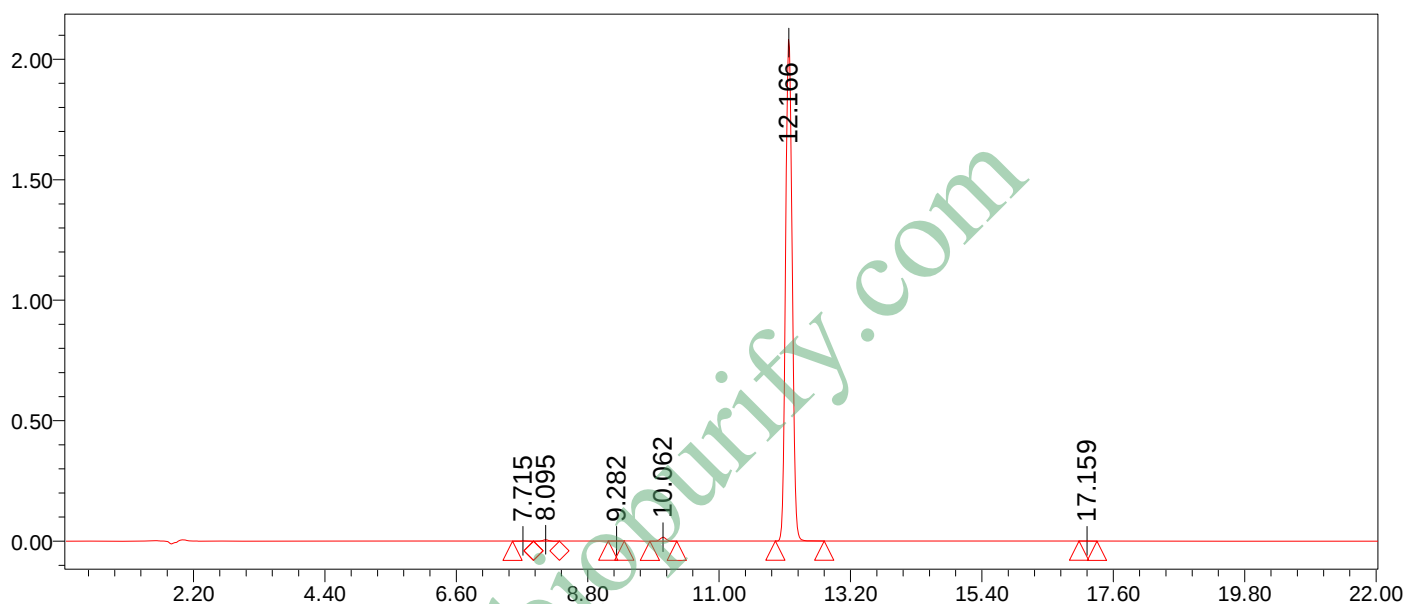
Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.711	10032	0.06	31220.90	
2	8.095	39931	0.26	35554.12	2.19
3	9.278	9894	0.06	46808.05	6.73
4	10.059	107825	0.70	49685.07	4.35
5	12.163	15298571	98.87	58813.72	11.00
6	17.156	7834	0.05	87629.11	22.73

SAMPLE INFORMATION

Sample Name:	Xanthohumol PRF8032122-2	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Xanthohumol 20170321
Vial:	15	Acq. Method Set:	Xanthohumol
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	370.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 370.0 nm
Date Acquired:	2017-3-21 15:57:53 CST		
Date Processed:	2017-3-21 16:26:58 CST		

Auto-Scaled Chromatogram



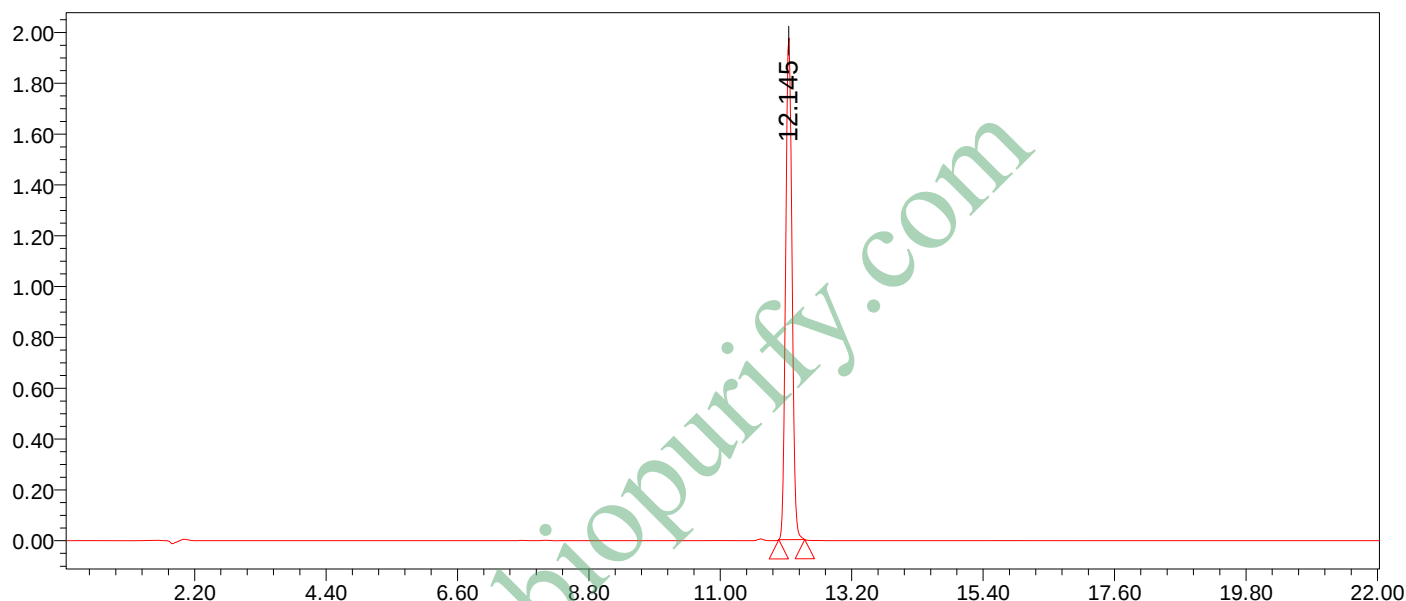
Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.715	10556	0.07	24443.20	
2	8.095	42413	0.27	34554.65	1.97
3	9.282	8886	0.06	48334.53	6.72
4	10.062	111596	0.70	50183.14	4.34
5	12.166	15822428	98.87	59866.15	10.80
6	17.159	7829	0.05	86676.34	22.98

SAMPLE INFORMATION

Sample Name:	Xanthohumol STD	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Xanthohumol 20170321
Vial:	13	Acq. Method Set:	Xanthohumol
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	370.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 370.0 nm
Date Acquired:	2017-3-21 15:11:57 CST		
Date Processed:	2017-3-21 15:58:37 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	12.145	14756592	100.00	59649.17	