

产品分析证书
Certificate of Analysis

中文名称: 原花青素A1

English Name: Procyanidin A1

别名 (Alias):

产品编码 (Cat. No.): BP1832

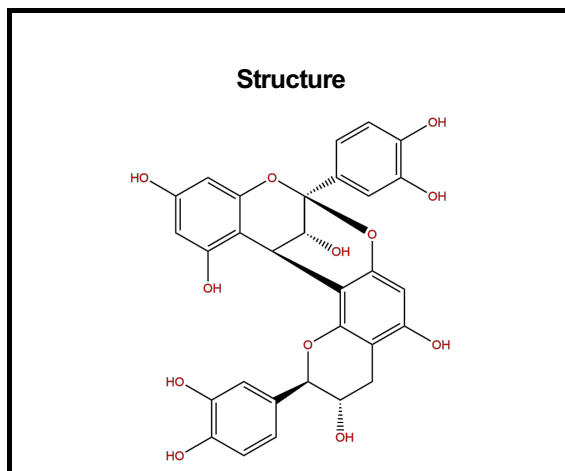
CAS Number: 103883-03-0

分子式 (M. F.): C₃₀H₂₄O₁₂

分子量 (M. W.): 576.51

批号 (Batch No.): PRF7041201

报告日期 (Report date): 2017年3月6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	Off-white powder	Off-white powder
干燥失重 Loss on drying	<3.0%	0.9%
纯度 Purity (HPLC-DAD, 280nm)*	≥98.0%	98.26%
质谱 Mass	576.51±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): 色谱柱 (Column Type): Thermo BDS Hypersil C18 2.4μm 100 x 4.6 mm; 柱温 (Column temperature): 30°C; 流速 (Flow Rate): 1.0ml/min; 检测 (Detection Mode and Setting): UV280nm; 样品溶解 (Sample dissolution): Water; 流动相A (Mobile phase A): 0.1% Phosphoric acid in Water, 流动相B (Mobile phase B): Acetonitrile, 梯度洗脱 (Gradient elution), 比例 (Proportion), B:5%-15%, 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 (2019-03-05) under conditions list above.

QC: Zhang Ling
Date: 2017年3月6日



QA: Wu Qi
Date: 2017年3月6日

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 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.

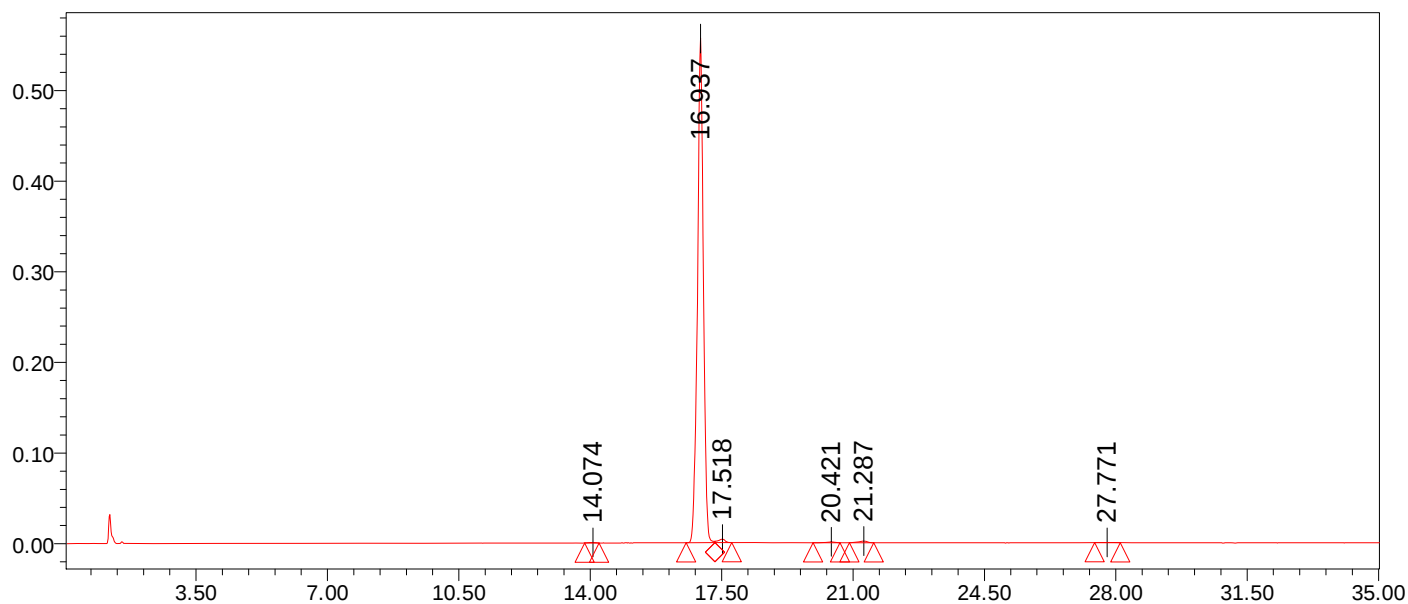
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Procyanidin A1	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	10	Acq. Method Set:	Procyanidin A1
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	35.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2017-3-6 9:42:01 CST		
Date Processed:	2017-3-6 11:14:37 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	14.074	6196	0.10	42034.49	
2	16.937	6116273	98.26	53530.11	9.41
3	17.518	49948	0.80	31007.78	1.54
4	20.421	15480	0.25	38856.60	6.54
5	21.287	31571	0.51	34178.37	1.86
6	27.771	5392	0.09	30587.43	13.08