

产品分析证书
Certificate of Analysis

中文名称：原花青素B1

English Name：Procyanidin B1

别名(Alias): Proanthocyanidin B1

产品编码(Cat. No.):BP1146

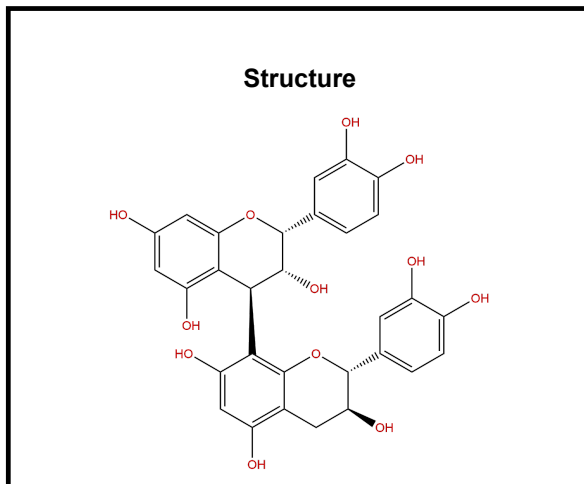
CAS Number: 20315-25-7

分子式(M. F.): C₃₀H₂₆O₁₂

分子量(M. W.): 578.526

批号(Batch No.): PRF8082241

报告日期(Report date): 2017-08-22



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	Light brown powder	Light brown powder
干燥失重Loss on drying	< 3.0%	1.8 %
纯度Purity (HPLC-DAD,280nm)*	≥97.0%	97.06%
质谱Mass	578.5±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 HyPURITY C18 , 4.6*150mm , 3.0um; Column temperature: 30°C; Detection Mode:

UV280nm;Flow Rate: 1.0ml/min; Sample dissolution: Water ; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile;Gradient elution: B, 5%-20%,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 (2019-08-21) under conditions list above.

QC: Zhang Ling

Date: 2017-08-22

QA: Wu Qi

Date: 2017-08-22

备注(Remarks): The sample solutions should be prepared 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.

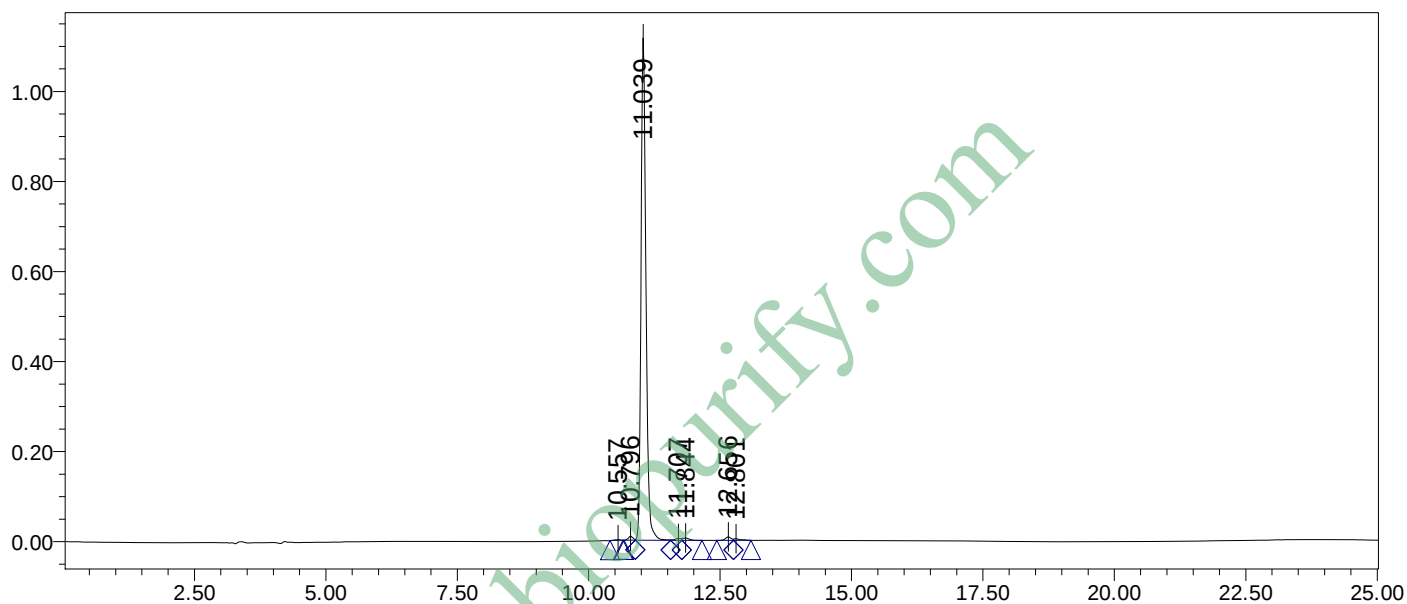
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Procyanidin B1	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	66	Acq. Method Set:	Procyanidin B1
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired: 2017-8-22 12:56:00 CST			
Date Processed: 2017-8-22 13:24:42 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.557	9415	0.13	37972.71	
2	10.796	51003	0.68	69259.76	1.26
3	11.039	7274482	97.06	68688.62	1.42
4	11.707	32968	0.44		
5	11.844	43016	0.57		
6	12.656	56414	0.75	67937.58	
7	12.801	27831	0.37		