

产品分析证书 Certificate of Analysis

中文名称: 氯化矢车菊素

English Name: Cyanidin chloride

别名 (Alias): Cyanidine; Cyanidol chloride

产品编码 (Cat. No.): BP0429

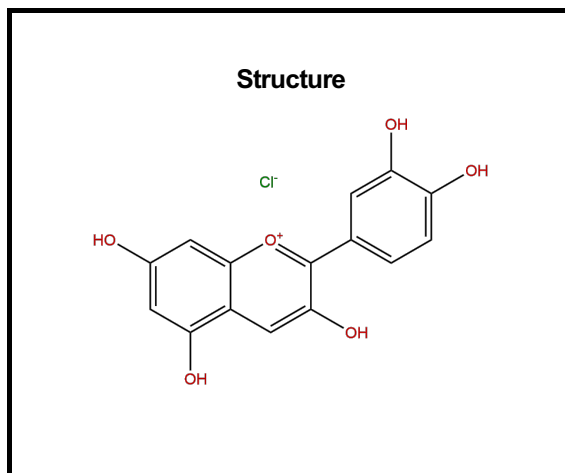
CAS Number: 528-58-5

分子式 (M. F.): C₁₅H₁₁ClO₆

分子量 (M. W.): 322.697

批号 (Batch No.): PRF8031044

报告日期 (Report date): 2017年3月13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	Purple black powder	Purple black powder
干燥失重 Loss on drying	<3.0%	1.02%
纯度 Purity (HPLC-DAD, 520nm)*	≥98.0%	99.63%
质谱 Mass	322.697±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: UV520nm

Flow Rate: 1.0ml/min; Sample dissolution: 50% Methanol in water; Mobile Phase: A, 0.1% Phosphoric acid in Water, B, Acetonitrile; Gradient elution: B, 5%-25%, 20min

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 (2019-03-12) under conditions list above.

QC: Zhang Ling

Date: 2017年3月13日

QA: Wu Qi

Date: 2017年3月13日

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

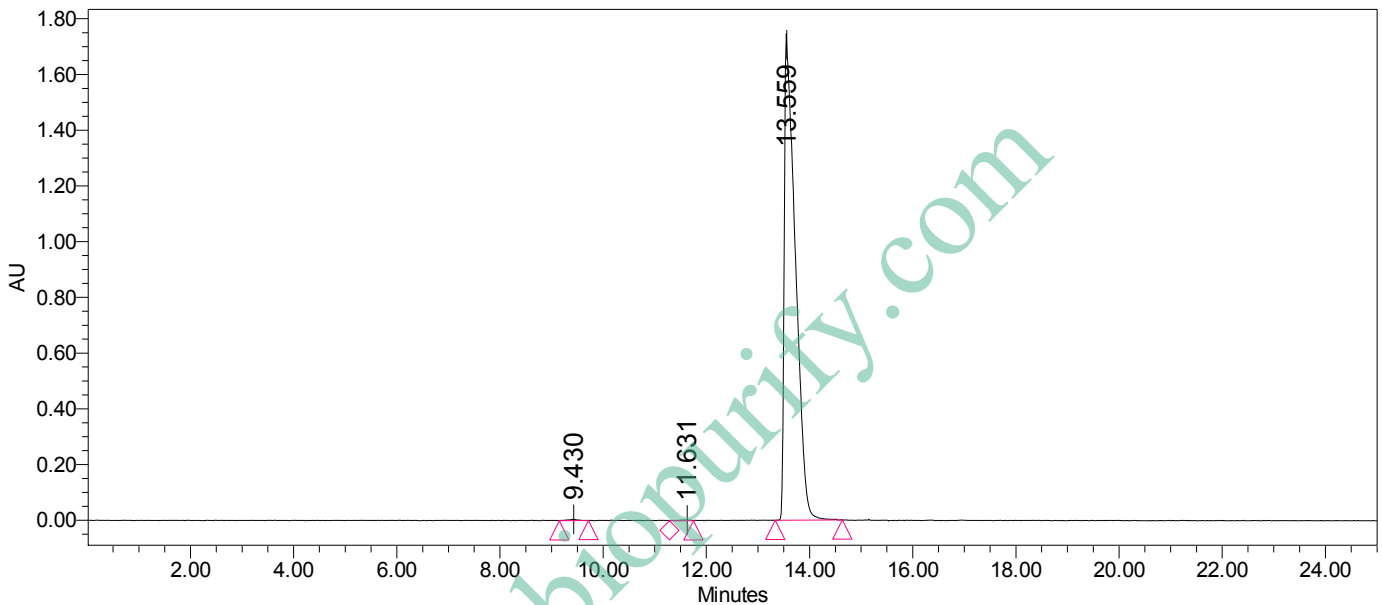
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Cyanidin chloride	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1	Acq. Method Set:	Cyanidin chloride
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	520.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 520.0 nm
Date Acquired:	2017-3-13 9:09:49 CST		
Date Processed:	2017-3-13 9:52:14 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.430	57744	0.22	18263.4	
2		11.631	38664	0.15	21991.6	4.3
3		13.559	26080820	99.63	15182.4	3.9