

产品分析证书 Certificate of Analysis

中文名称: 氯化矢车菊素-3-葡萄糖苷

English Name: Cyanidin-3-glucoside chloride

别名 (Alias): Kuromanin; Chrysanthemin

产品编码 (Cat. No.): BP0430

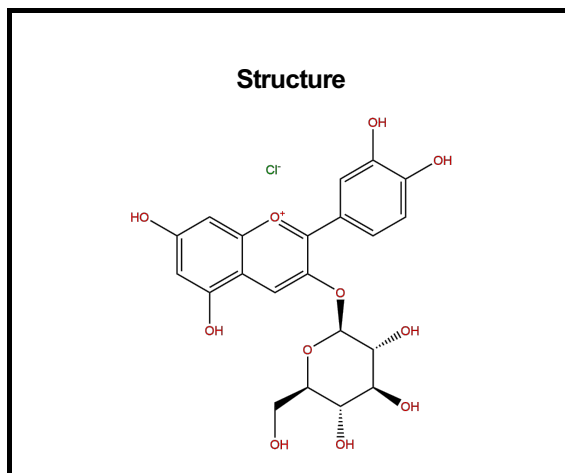
CAS Number: 7084-24-4

分子式 (M. F.): C₂₁H₂₁ClO₁₁

分子量 (M. W.): 484.838

批号 (Batch No.): PRF8032043

报告日期 (Report date): 2017-03-20



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 solid	Purple black solid
干燥失重 Loss on drying	<3.0%	1.34%
纯度 Purity (HPLC-DAD, 520nm)*	≥98.0%	98.56%
质谱 Mass	484.838±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 BDS Hypersil C18, 4.6*100mm, 2.4μm; Column temperature: 30°C; Detection

Mode: UV520nm; Flow Rate: 0.8ml/min; Sample dissolution: 50% Methanol in water; Mobile Phase: A, 0.1% Phosphate 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 (2019-03-19) under conditions list above.

QC: Zhang Ling
Date: 2017-03-20

QA: Wu Qi
Date: 2017-03-20

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

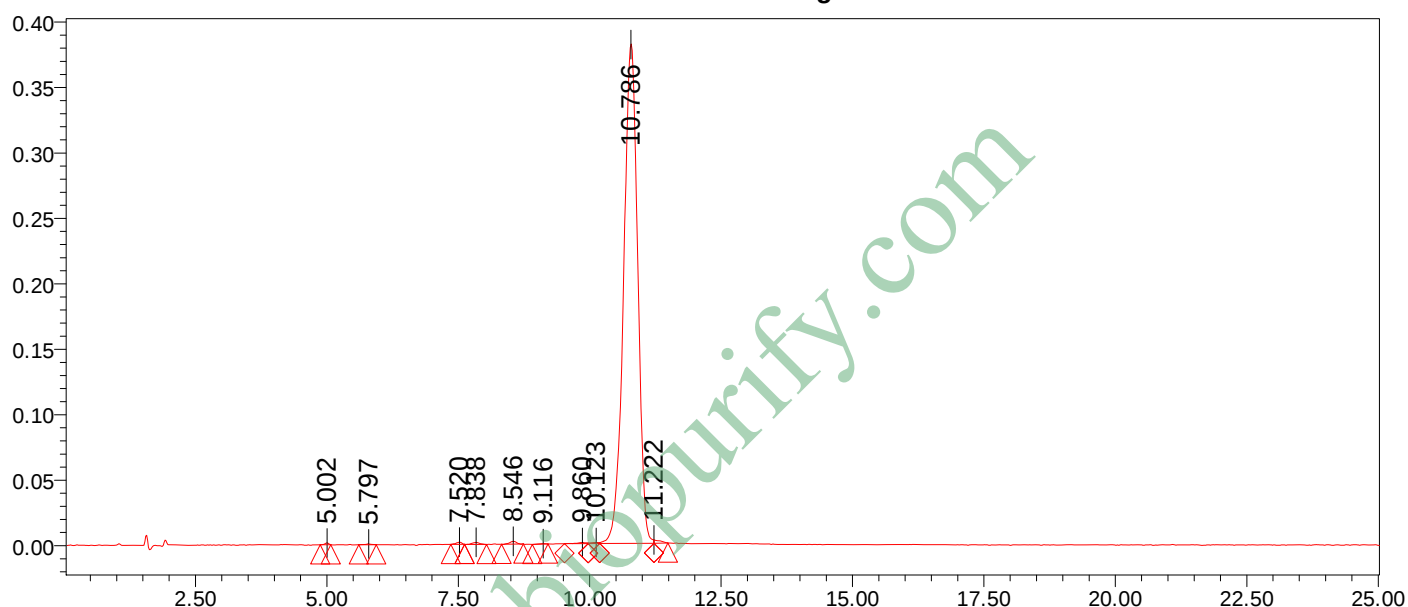
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http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

SAMPLE INFORMATION

Sample Name:	Cyanidin 3 glucoside chloride	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	63	Acq. Method Set:	Cyanidin 3 glucoside 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: 2017-3-20 15:50:39 CST			
Date Processed: 2017-3-20 16:33:19 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.002	6858	0.10	21815.26	
2	5.797	5935	0.08	12065.21	3.28
3	7.520	12425	0.17	24272.84	6.39
4	7.838	15086	0.21	16811.72	1.46
5	8.546	19758	0.27	23494.83	3.04
6	9.116	3800	0.05	22973.62	2.47
7	9.860	9840	0.14	19822.17	
8	10.123	8432	0.12		
9	10.786	7084183	98.56	7733.26	
10	11.222	21607	0.30		