

产品分析证书
Certificate of Analysis

中文名称: 羟基酪醇

English Name: Hydroxytyrosol

别名 (Alias): 3,4-dihydroxyphenylethanol; Dopaoal

产品编码 (Cat. No.): BP0746

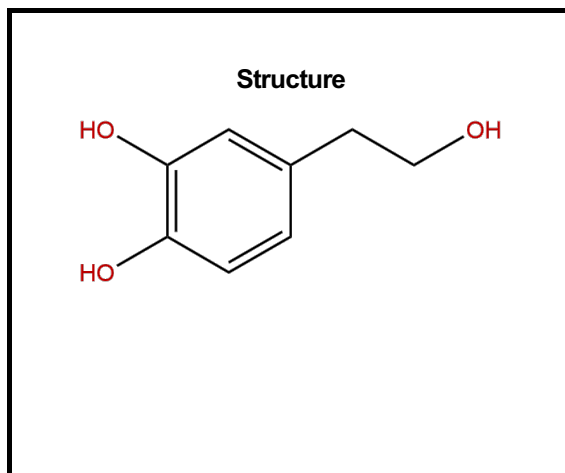
CAS Number: 10597-60-1

分子式 (M. F.): C₈H₁₀O₃

分子量 (M. W.): 154.165

批号 (Batch No.): PRF8030207

报告日期 (Report date): 2017年3月2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	Brown oily liquid	Brown oily liquid
纯度 Purity (HPLC-DAD, 280nm)*	≥95.0%	97.18%
质谱 Mass	154.165±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.96%
含量 Assay	≥40%%	41%

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

检测方法 (Test Method): Column: Thermo BDS HYPERSIL C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV280nm; Flow

Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A Water B, Acetonitrile; Gradient elution: B, 5%-10%, 0-15min, 10%-95%, 15min-22min.

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 (2019-03-02) under conditions list above.

QC: Zhang Ling

Date: 2017年3月2日

QA: Wu Qi

Date: 2017年3月2日

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

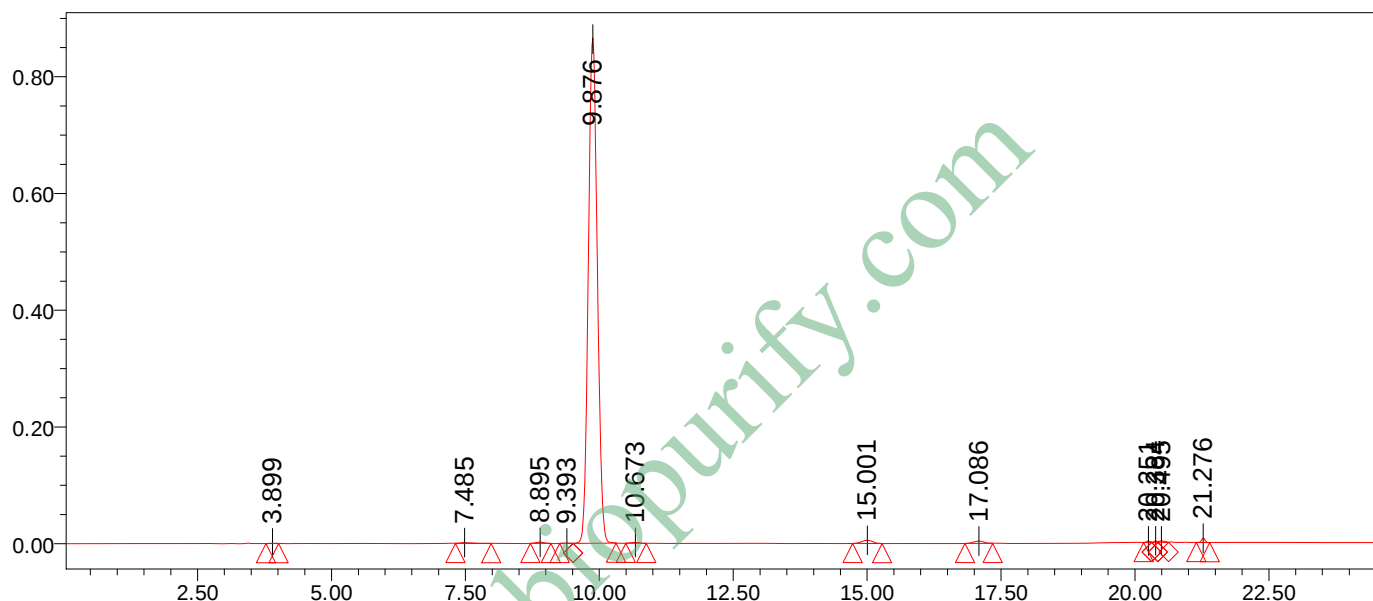
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Hydroxytyrosol PRF8030207	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	70	Acq. Method Set:	Hydroxytyrosol
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	28.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2017-3-3 10:14:09 CST		
Date Processed:	2017-3-3 10:54:46 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	3.899	5803	0.06	8013.22	
2	7.485	27277	0.26	1427.82	9.19
3	8.895	24018	0.23	12266.23	3.06
4	9.393	5761	0.06	24160.01	1.78
5	9.876	10067135	97.18	16425.17	1.74
6	10.673	18544	0.18	18783.67	2.57
7	15.001	78326	0.76	24467.63	12.47
8	17.086	56023	0.54	33524.71	5.50
9	20.251	11047	0.11	453462.67	12.83
10	20.384	11212	0.11	250342.42	
11	20.495	20814	0.20	91663.09	

Peak Results

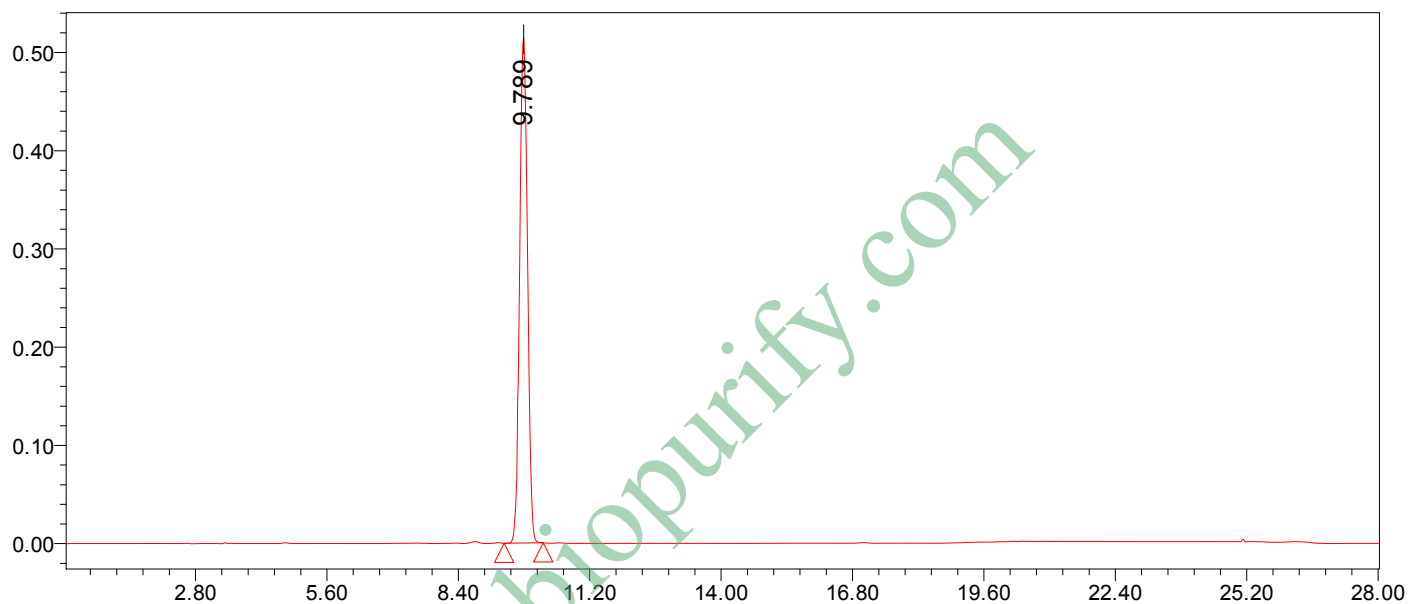
	RT	Area	% Area	USP Plate Count	USP Resolution
12	21.276	33649	0.32	465352.50	

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SAMPLE INFORMATION

Sample Name:	Hydroxytyrosol STD	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	39	Acq. Method Set:	Hydroxytyrosol
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	28.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2017-3-3 9:38:00 CST		
Date Processed:	2017-3-3 11:34:25 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	9.789	5992120	100.00	15966.77	