

产品分析证书
Certificate of Analysis

中文名称: 表没食子儿茶素

English Name: Epigallocatechin

别名 (Alias): Epigallocatechol; Antiscurvy factor C2;
Teacatechin II

产品编码 (Cat. No.): BP0541

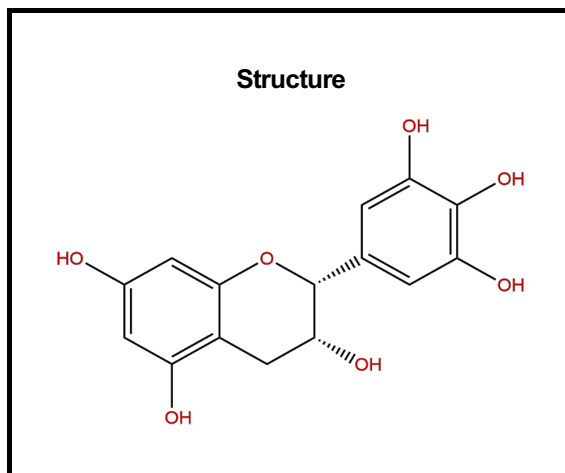
CAS Number: 970-74-1

分子式 (M. F.): C₁₅H₁₄O₇

分子量 (M. W.): 306.27

批号 (Batch No.): PRF8030843

报告日期 (Report date): 2017年3月10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
纯度 Purity (HPLC-DAD, 230nm)*	≥98.0%	99.90%
质谱 Mass	306.27±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.1 %

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

检测方法 (Test Method): Column: Thermo HyPURITYC18, 4.6*150mm, 3.0um; Column temperature: 30°C; Detection Mode: UV230nm;

Flow Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A, 0.1% Phosphoric acid in water, B, Acetonitrile; Gradient elution: B, 40%-70%, 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 (2019-03-08) under conditions list above.

QC: Zhang Ling

Date: 2017年3月10日

QA: Wu Qi

Date: 2017年3月10日

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

样品名称:

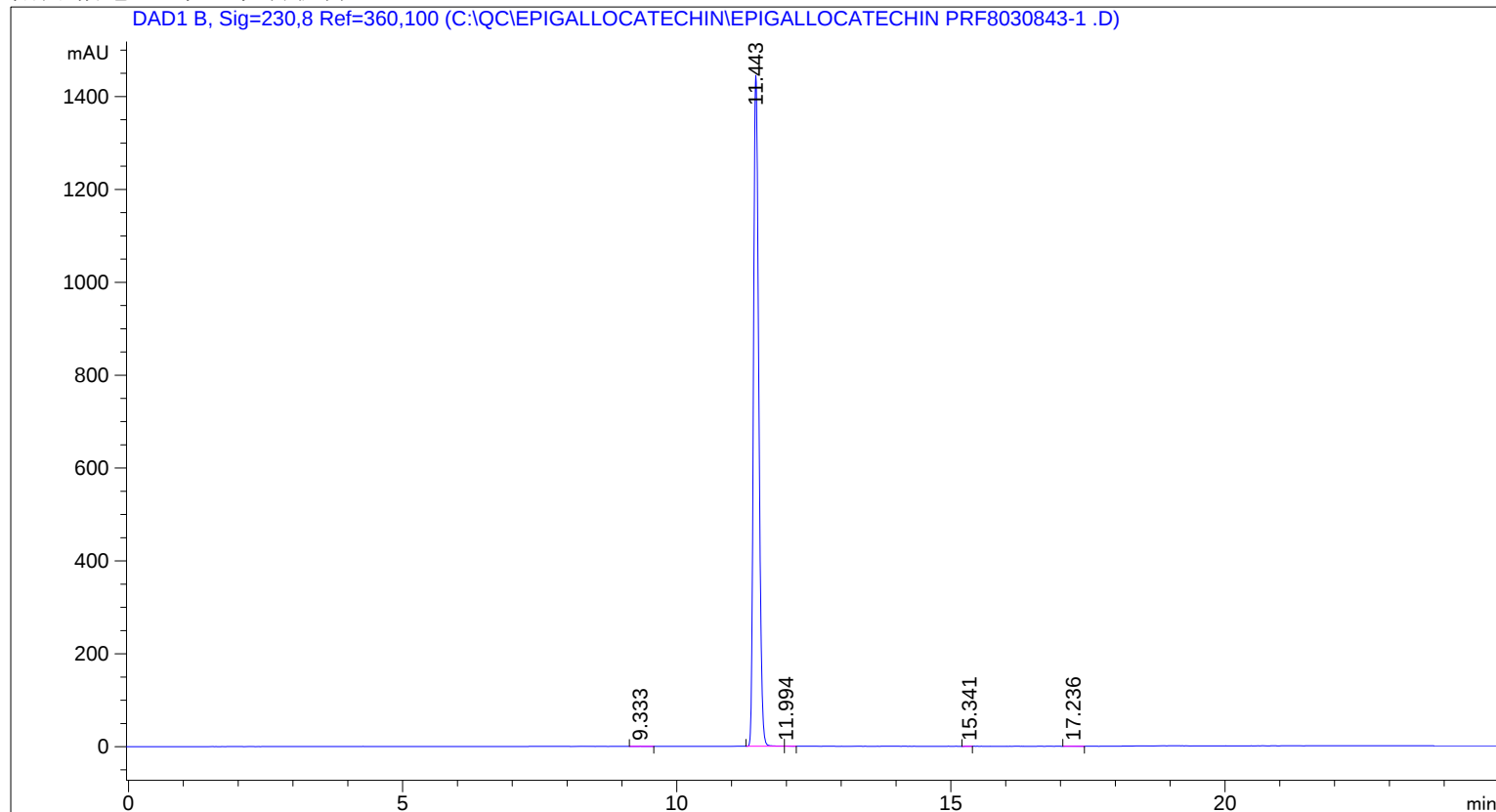
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操作者 : DYZG ZHI BEI
仪器 : 仪器 1 位置 : 样品瓶 51
进样日期 : 2017-3-9 9:16:02 进样量 : 5.0 µl

采集方法 : C:\QC\EPIGALLOCATECHIN.M
最后修改 : 2017-3-9 9:14:46 : DYZG ZHI BEI
(调用后修改)

分析方法 : C:\QC\EPIGALLOCATECHIN.M
最后修改 : 2017-3-9 9:49:01 : DYZG ZHI BEI
(调用后修改)

附加信息: 峰已手动积分



面积百分比报告

排序 : 信号
乘积因子: 1.0000
稀释因子: 1.0000
内标使用乘积因子和稀释因子

信号 1: DAD1 B, Sig=230,8 Ref=360,100

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	9.333	BB	0.1145	2.75364	3.26269e-1	0.0285
2	11.443	BV	0.1059	9645.19434	1444.79517	99.9023
3	11.994	VB	0.0905	2.22181	3.30253e-1	0.0230
4	15.341	BV	0.0877	1.34052	2.01303e-1	0.0139
5	17.236	BB	0.1393	3.11394	2.99439e-1	0.0323

总量 : 9654.62424 1445.95243

*** 报告结束 ***