



## 产品分析证书

### Certificate of Analysis

中文名称：香荆芥酚

English Name : Carvacrol

别名(Alias): 2-Hydroxycymene; Cymophenol; p-Cymen-2-ol; 5-Isopropyl-o-cresol

产品编码(Cat. No.):BP0319

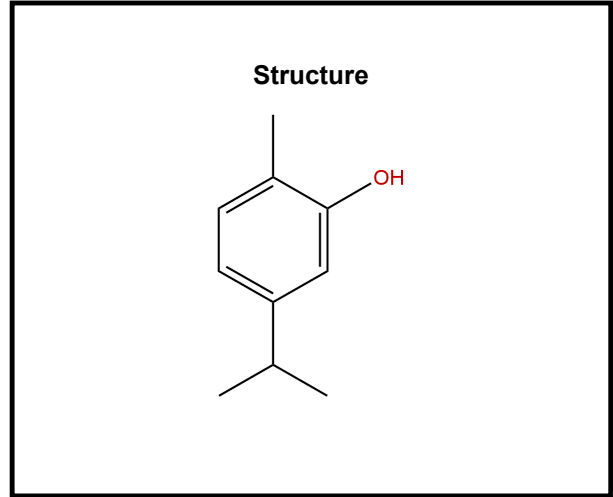
CAS Number: 499-75-2

分子式(M. F.): C<sub>10</sub>H<sub>14</sub>O

分子量(M. W.): 150.221

批号(Batch No.): PRF9111221

报告日期(Report date): 2018-11-12



#### 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 yellow oily liquid	Light yellow oily liquid
干燥失重Loss on drying	< 3.0%	0.4%
纯度Purity (HPLC-DAD,275nm)*	≥98.0%	99.98%
质谱Mass	150.2±1	Conforms
核磁NMR	Comply with the structure	Conforms

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

检测方法 ( Test Method ) : Column: Agilent 5HC-C18,4.6\*250mm,5um; Column temperature: 30°C; Detection Mode: UV275nm

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Acetonitrile B, Water; Isocratic elution: A, 45%

贮存条件 ( Storage ) : 2~8°C, protected from light, keep package airtight when not in use.

复测期 ( Retest date ) : Three years (2021-11-11) under conditions list above.

QC: Zhang Ling

Date: 2018-11-12

QA: Meng Pan

Date: 2018-11-12

备注(Remarks): The sample solutions should be prepared 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. The quality of the product is only guaranteed to comply with the attached COA.

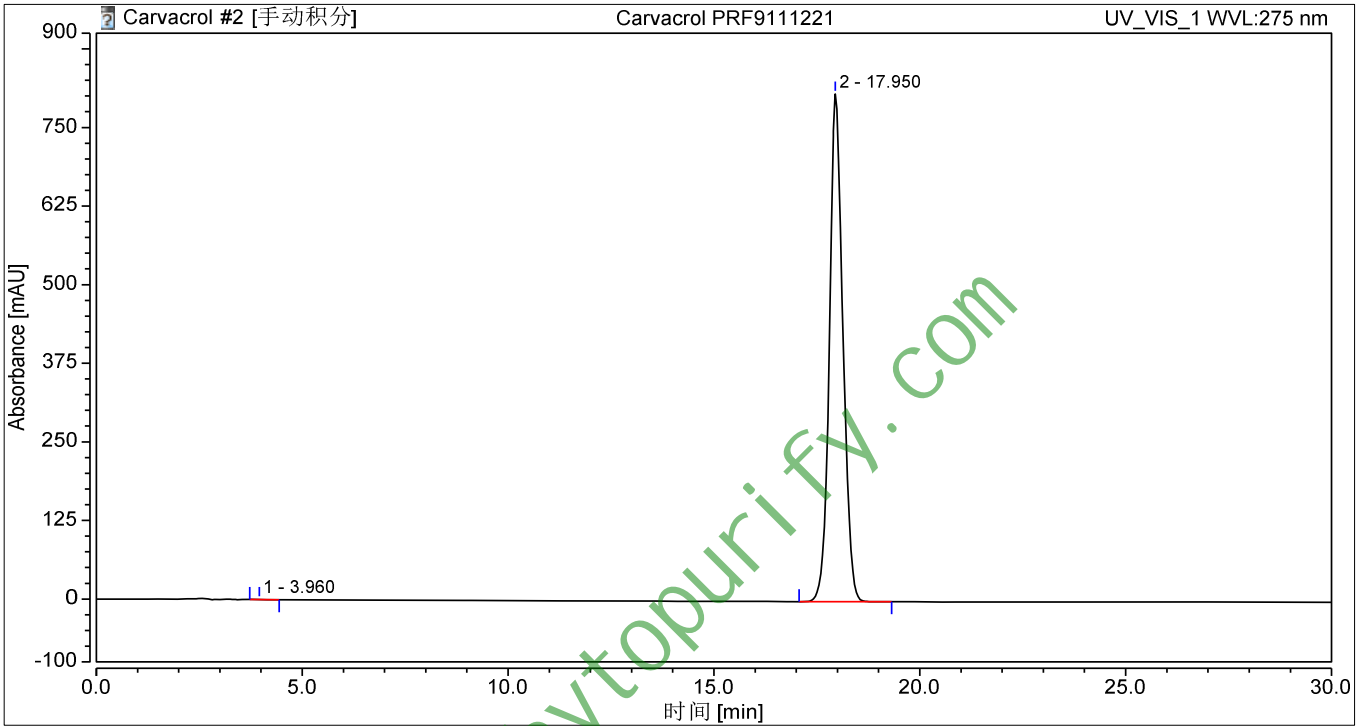
In case of quality issue, please contact us within 30 days after receipt of the product.

## Chengdu Biopurify Phytochemicals Ltd HPLC Report

### 进样信息

进样名称:	Carvacrol PRF9111221	运行时间 (min):	30.00
瓶号:	RE2	进样量:	10.00
进样类型:	未知	通道:	UV_VIS_1
校正级别:		波长:	275.0
仪器方法:	Carvacrol	带宽:	8
处理方法:	Carvacrol	稀释因子:	1.0000
进样日期/时间:	2018/11/12 11:12	样品重量:	1.0000

### 色谱图



### 积分结果

序号	保留时间 min	峰面积 mAU*min	峰高 mAU	相对峰面积 %	塔板数 (USP)	分离度 (USP)	不对称度
1	3.960	0.051	0.371	0.02	14334	38.53	0.94
2	17.950	306.224	807.574	99.98	14612	n.a.	1.10
总和:		306.275	807.945	100.00	28946.00		