

产品分析证书
Certificate of Analysis

中文名称: 莱菔苦素

English Name: Cynaropicrin

别名 (Alias):

产品编码 (Cat. No.): BP0443

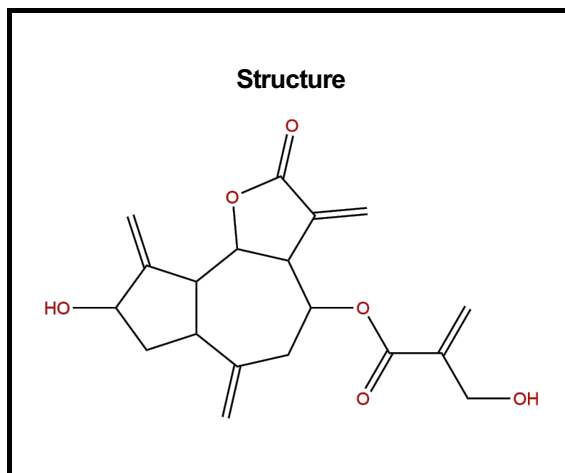
CAS Number: 35730-78-0

分子式 (M. F.): C₁₉H₂₂O₆

分子量 (M. W.): 346.379

批号 (Batch No.): PRF8041703

报告日期 (Report date): 2017-04-18



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 powder	Light yellow powder
纯度 Purity (HPLC-DAD, 200nm)*	≥97.0%	97.35%
质谱 Mass	346.3±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.0%

* 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: 25°C; Detection Mode: UV200nm;

Flow Rate: 0.8ml/min; Sample dissolution: 50% Acetonitrile in water; Mobile Phase: A Water B, Acetonitrile; Gradient elution: B, 20%-45%, 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 (2019-04-17) under conditions list above.

QC: Zhang Ling

Date: 2017-04-18

QA: Wu Qi

Date: 2017-04-18

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



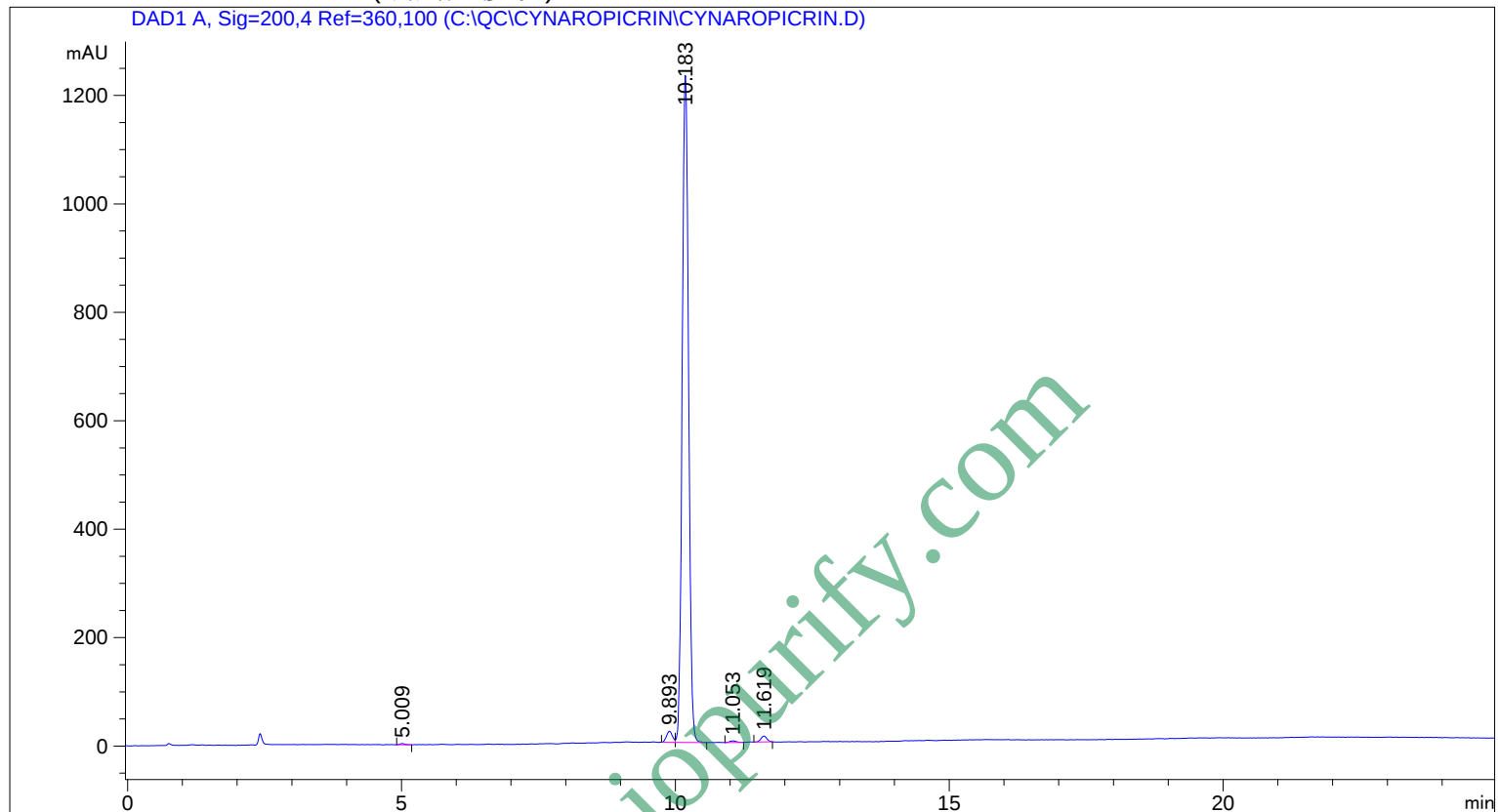
Tel: +86-28-82633397 Fax: +86-28-82633165

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

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操作者	: DYZG ZHI BEI	位置	: 样品瓶 21
仪器	: 仪器 1		
进样日期	: 2017-4-17 16:19:24	进样量	: 10.0 µl
采集方法	: C:\QC\CYNAROPICRIN.M		
最后修改	: 2017-4-17 16:11:15	: DYZG ZHI BEI	
分析方法	: C:\QC\CYNAROPICRIN.M		
最后修改	: 2017-4-17 16:51:45	: DYZG ZHI BEI	

(调用后修改)



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面积百分比报告
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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 A, Sig=200,4 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	5.009	BB	0.0852	13.14234	2.15419	0.1288
2	9.893	BV	0.1146	151.96696	20.47607	1.4894
3	10.183	VB	0.1261	9933.07324	1231.67566	97.3539
4	11.053	BB	0.1076	23.70014	2.89345	0.2323
5	11.619	BBA	0.1183	81.17828	10.72135	0.7956

总量 : 1.02031e4 1267.92073

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*** 报告结束 ***