

产品分析证书
Certificate of Analysis

中文名称: α -倒捻子素

English Name: Alpha-Mangostin

别名 (Alias): alpha-mangostin; Mangostin

产品编码 (Cat. No.): BP0155

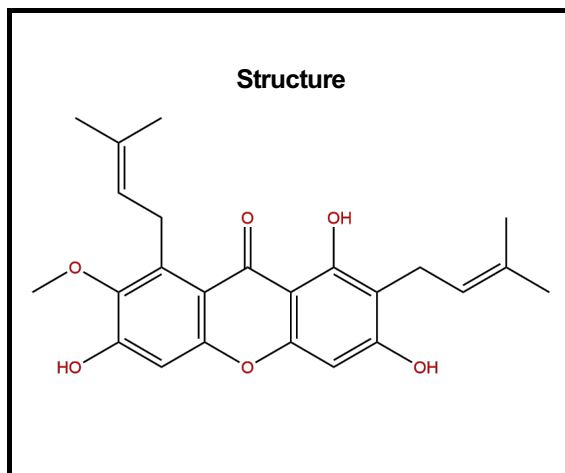
CAS Number: 6147-11-1

分子式 (M. F.): C₂₄H₂₆O₆

分子量 (M. W.): 410.466

批号 (Batch No.): PRF8042148

报告日期 (Report date): 2017-04-21



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	Khaki powder	Khaki yellow powder
纯度 Purity (HPLC-DAD, 317nm)*	≥98.0%	99.07%
质谱 Mass	410.4±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.2%

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

检测方法 (Test Method): Column: Agilent 5TC- C18, 4.6*150mm; Column temperature: 30°C; Detection Mode: UV317nm; Flow Rate:

1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in water B, Acetonitrile; Gradient elution: B, 65%-75%, 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 (2019-04-20) under conditions list above.

QC: Zhang Ling

Date: 2017-04-21

QA: Wu Qi

Date: 2017-04-21

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

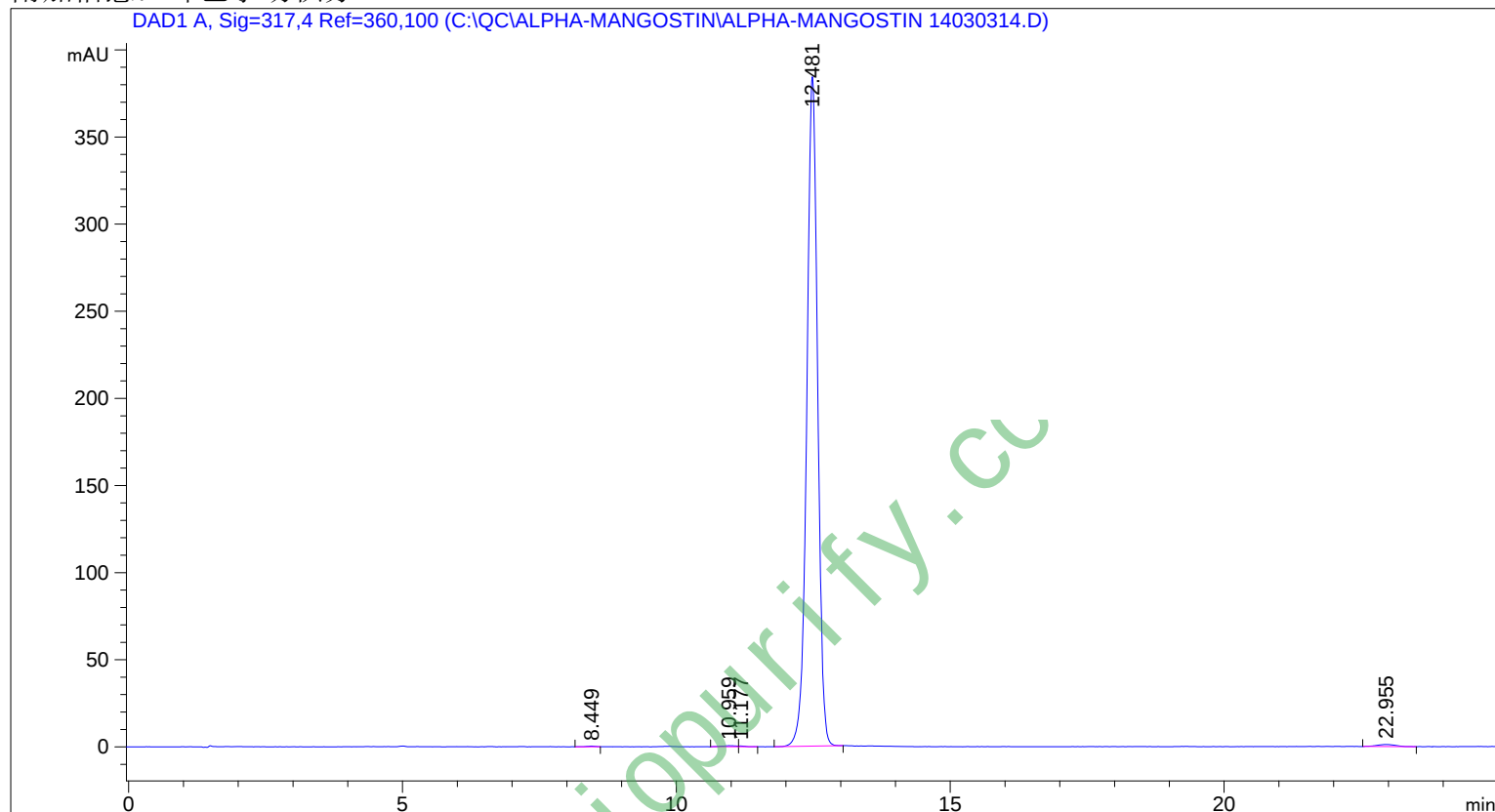
Tel: +86-28-82633397 Fax: +86-28-82633165

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

样品名称: 0

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操作者 : DYZG ZHI BEI
仪器 : 仪器 1 位置 : 样品瓶 64
进样日期 : 2017-4-21 15:04:06
进样量 : 10.0 µl
采集方法 : C:\QC\ALPHA-MANGOSTIN.M
最后修改 : 2017-4-21 14:55:25 : DYZG ZHI BEI
分析方法 : C:\QC\ALPHA-MANGOSTIN.M
最后修改 : 2017-4-21 14:59:43 : DYZG ZHI BEI
(调用后修改)

附加信息: 峰已手动积分

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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=317,4 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	8.449	BB	0.1523	4.70543	4.08843e-1	0.0885
2	10.959	BV	0.2243	11.34579	6.23551e-1	0.2134
3	11.177	VB	0.1107	3.81576	4.60233e-1	0.0718
4	12.481	BB	0.2099	5268.50391	384.33627	99.0733
5	22.955	BB	0.2937	29.41281	1.21802	0.5531

总量 : 5317.78369 387.04692

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*** 报告结束 ***