

产品分析证书
Certificate of Analysis

中文名称: 甘草查尔酮B

English Name: Licochalcone B

别名 (Alias): 3,4,4'-Trihydroxy-2-methoxychalcone

产品编码 (Cat. No.): BP0856

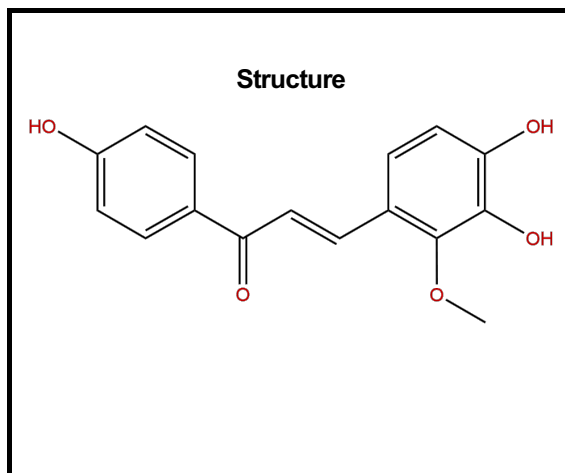
CAS Number: 58749-23-8

分子式 (M. F.): C₁₆H₁₄O₅

分子量 (M. W.): 286.283

批号 (Batch No.): PRF8031021

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	Yellow powder	Yellow powder
干燥失重 Loss on drying	<3.0%	1.03%
纯度 Purity (HPLC-DAD, 358nm)*	≥98.0%	99.1%
质谱 Mass	286.283±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

检测方法 (Test Method): Column: Thermo HyPURITYC18, 4.6*150mm, 5.0um; Column temperature: 30°C; Detection Mode: UV358nm;

Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% Phosphoric acid in Water; B, Acetonitrile; Gradient elution: B, 15%-30%, 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 (2019-03-09) under conditions list above.

QC: Zhang Ling

Date: 2017年3月10日

QA: Wu Qi

Date: 2017年3月10日

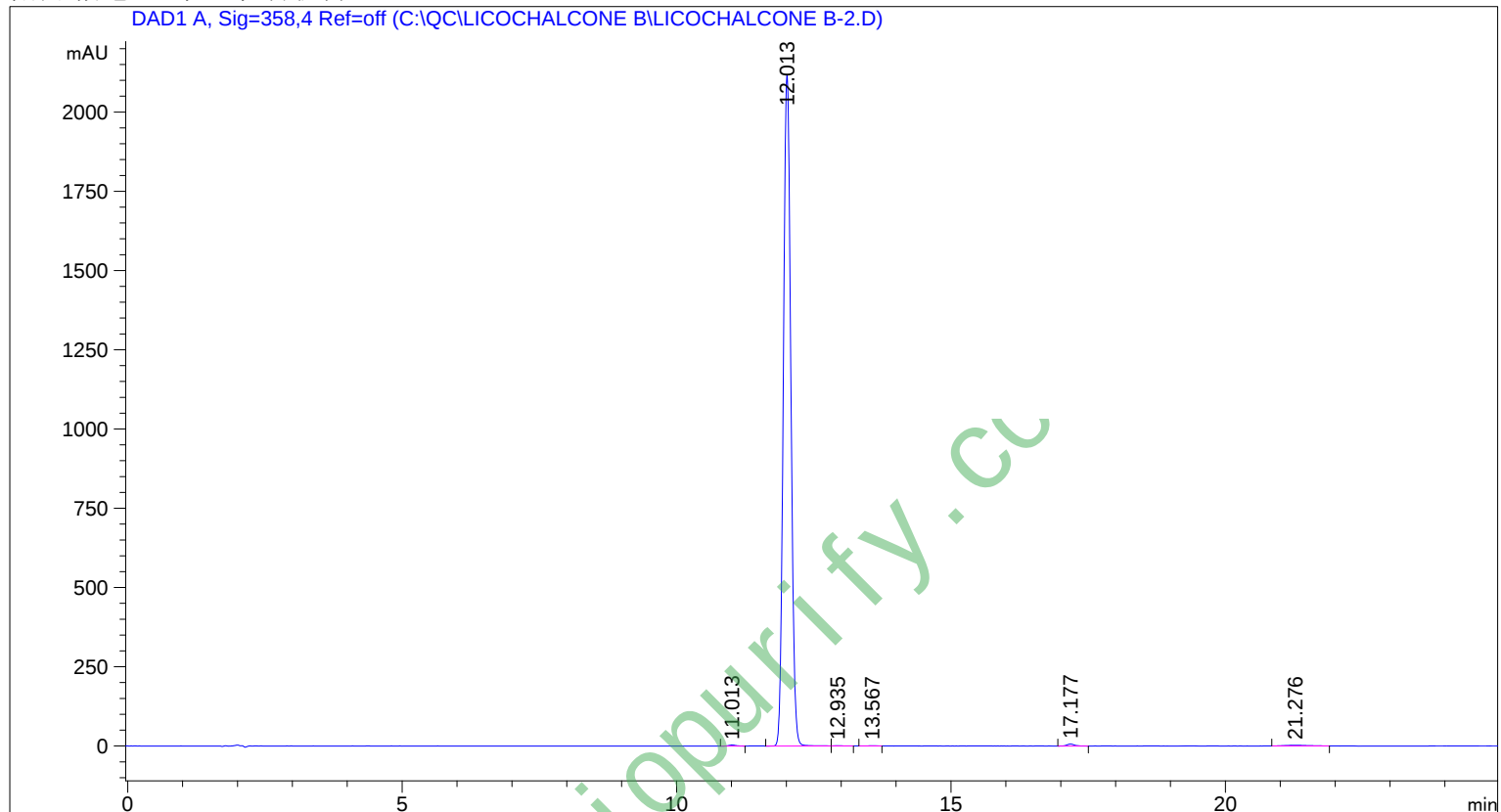
备注 (Remarks): The sample solutions should be prepared and used immediately. It is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.
In case of quality issue, please contact us within 15 days after receipt of the product.

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
仪器 : 仪器 1
进样日期 : 2017-3-10 14:53:27
位置 : 样品瓶 22
进样量 : 10.0 µl
采集方法 : C:\QC\LICOCHALCONE B.M
最后修改 : 2017-3-10 14:41:27 : DYZG ZHI BEI
分析方法 : C:\QC\LICOCHALCONE B.M
最后修改 : 2017-3-10 15:32:35 : 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=358,4 Ref=off

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	11.013	VV	0.1320	28.35508	3.24274	0.1402
2	12.013	BV	0.1504	2.00389e4	2118.50024	99.1091
3	12.935	VV	0.1526	10.67950	9.12433e-1	0.0528
4	13.567	BB	0.1259	8.25996	8.61395e-1	0.0409
5	17.177	VB	0.1481	60.23056	6.16085	0.2979
6	21.276	VV	0.3861	72.60811	2.27680	0.3591

总量 : 2.02190e4 2131.95447

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*** 报告结束 ***