

## 产品分析证书

### Certificate of Analysis

中文名称：槲皮素-3-龙胆二糖苷

English Name : Quercetin 3-gentiobioside

别名(Alias):

产品编码(Cat. No.):BP1477

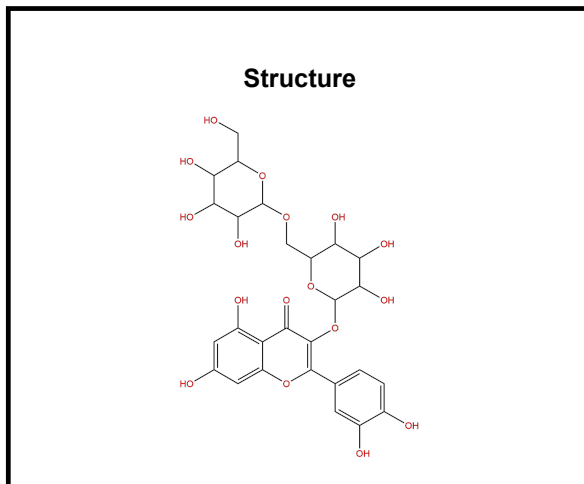
CAS Number: 7431-83-6

分子式(M. F.): C<sub>27</sub>H<sub>30</sub>O<sub>17</sub>

分子量(M. W.): 626.52

批号(Batch No.): PRF8101342

报告日期(Report date): 2017-10-13



**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
干燥失重Loss on drying	< 3.0%	1.44%
纯度Purity (HPLC-DAD,355nm)*	≥98.0%	98.26%
质谱Mass	626.5±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 Hypersil GOLD AQ C18 , 4.6\*250mm , 5.0um; Column temperature: 30°C; Detection Mode: UV355nm ; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: **A**, 0.1% Phosphoric acid in water **B**, Acetonitrile; Gradient elution: B, 10%-28%,30min.

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

**复测期 ( Retest date ) :** two years (2019-10-12) under conditions list above.

QC: Zhang Ling

Date: 2017-10-13

QA: Wu Qi

Date: 2017-10-13

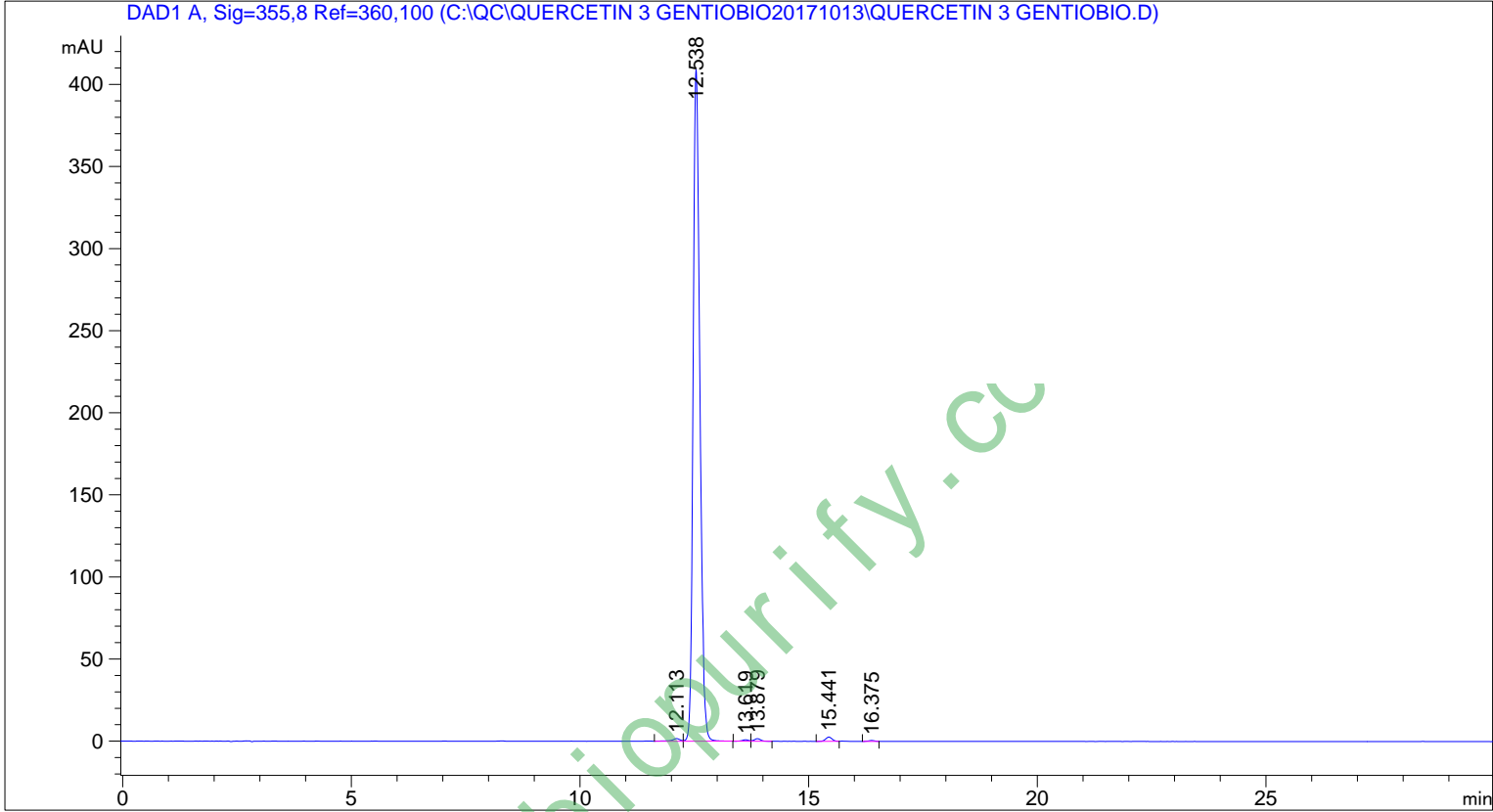
**备注(Remarks):** The sample solutions should be prepared on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.



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操作者 : 1  
仪器 : 仪器 1 位置 : 样品瓶 21  
进样日期 : 2017-10-13 10:15:56 进样量 : 10.0 µl  
采集方法 : C:\QC\QUERCETIN 3 GENTIOBIO.M  
最后修改 : 2017-10-13 10:06:26 : 1  
(调用后修改)  
分析方法 : C:\QC\QUERCETIN 3 GENTIOBIO.M  
最后修改 : 2017-10-13 10:55:20 : 1  
(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=355,8 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	12.113	VV	0.1839	20.00454	1.60009	0.4700
2	12.538	VB	0.1593	4182.32373	409.11624	98.2670
3	13.619	BV	0.1516	8.39057	8.61601e-1	0.1971
4	13.879	VB	0.1529	15.56847	1.55333	0.3658
5	15.441	MM R	0.1614	24.87139	2.56789	0.5844
6	16.375	MM R	0.1552	4.92336	5.28596e-1	0.1157

总量 : 4256.08206 416.22776

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\*\*\* 报告结束 \*\*\*