

产品分析证书
Certificate of Analysis

中文名称: 3'-羟基葛根素

English Name: 3'-hydroxyPuerarin

别名 (Alias): Puerariaglycoside 1

产品编码 (Cat. No.): BP0064

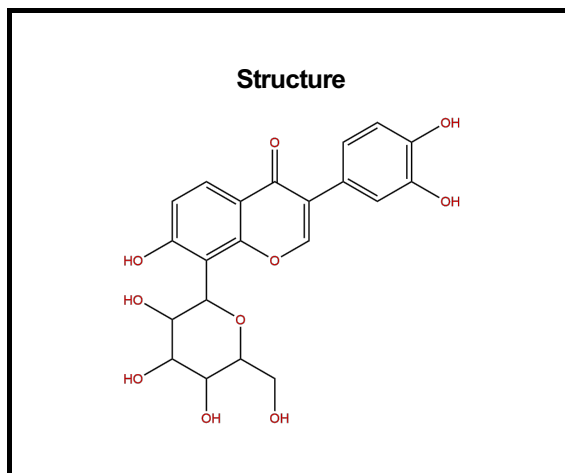
CAS Number: 117060-54-5

分子式 (M. F.): C₂₁H₂₀O₁₀

分子量 (M. W.): 432.381

批号 (Batch No.): PRFM71230-01

报告日期 (Report date): 2016/12/30



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	White powder	White powder
干燥失重 Loss on drying	<3.0%	1.06%
纯度 Purity (HPLC-DAD, 250nm)*	≥98.0%	99.89%
质谱 Mass	432.381±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

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 (2018-12-29) under conditions list above.

QC: Zhang Ling

Date: 2016年12月30日



QA: Wu Qi

Date: 2016年12月30日

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

附 1 : HPLC 图谱

仪 器: Waters HPLC;

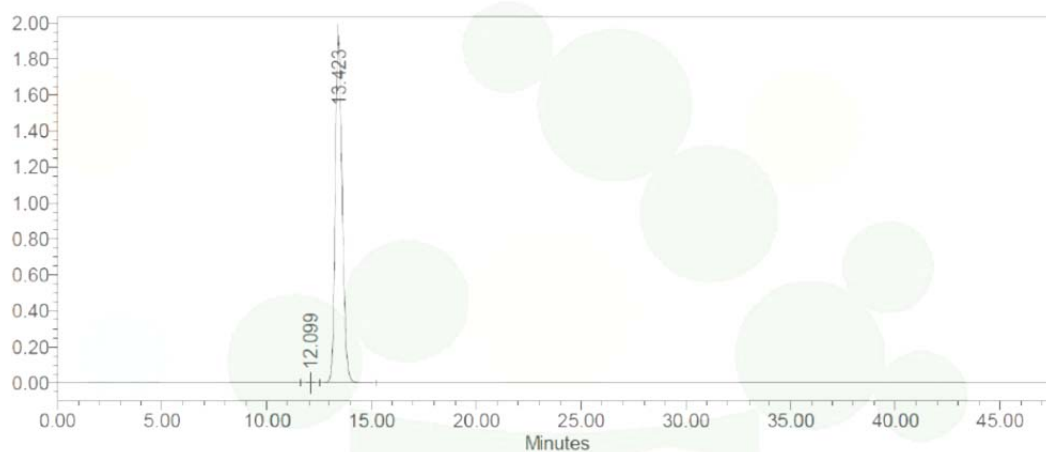
色谱柱: Ultimate® XB-C18, 4.6*250 mm, 5μm;

流动相: 乙腈-水 10: 90;

流 速: 1.0 ml/min;

柱 温: 35 °C;

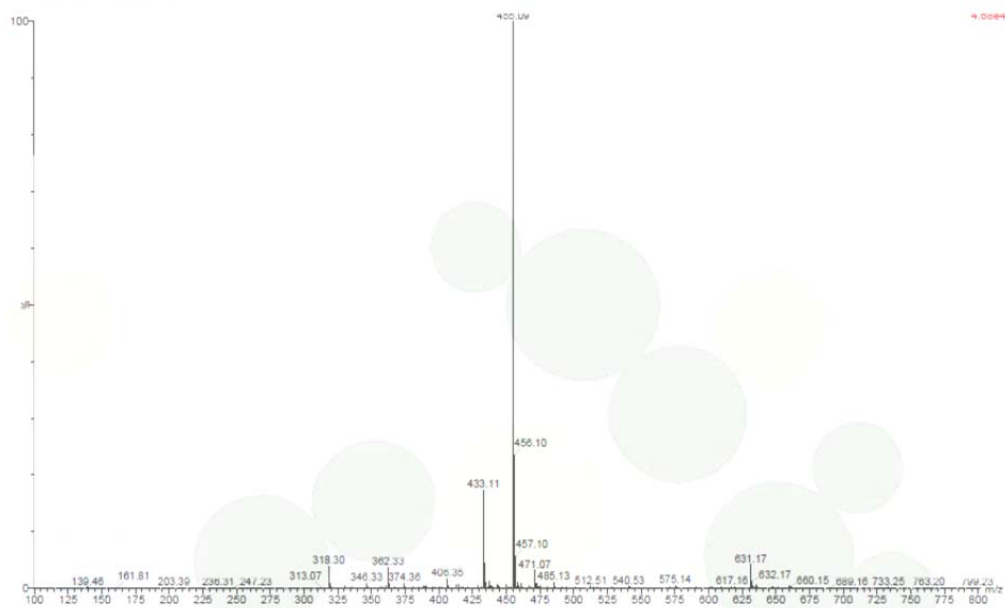
检测器: UV-250 nm



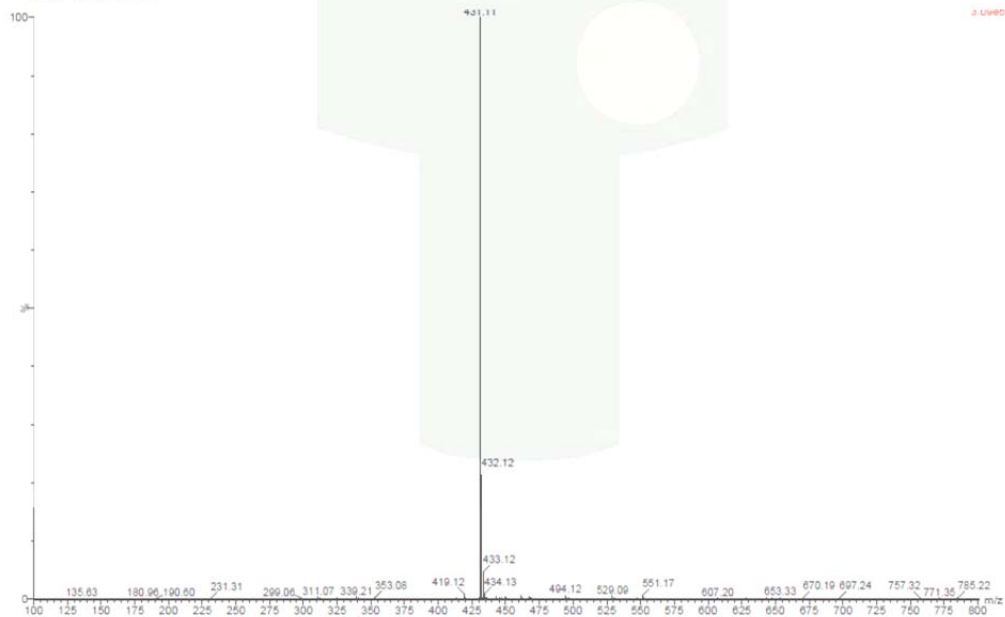
	Retention Time (min)	Area	% Area	Height
1	12.099	46581	0.11	1938
2	13.423	44070855	99.89	1935608

附 2 : 质谱 MS

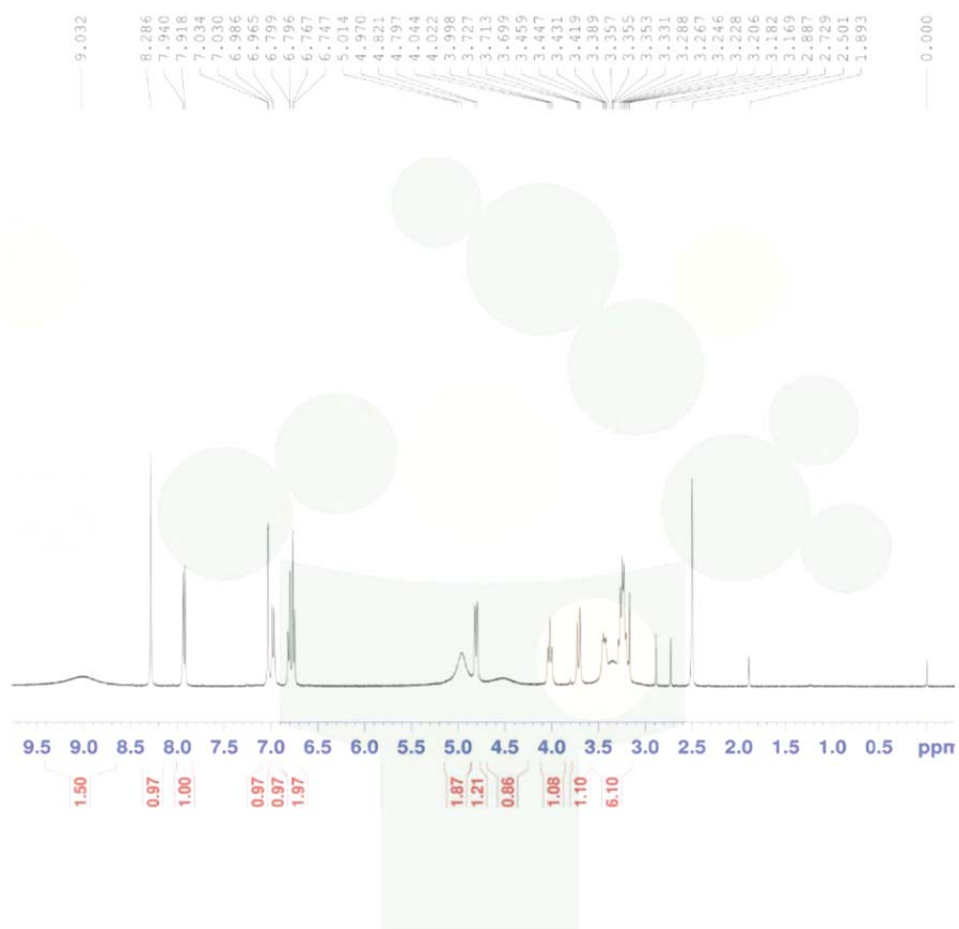
ES-TOF MS+



ES-TOF MS-



附 3a : ^1H -NMR(400M Hz , DMSO)



附 3b : ^{13}C -NMR(100M Hz , DMSO)

