

产品分析证书

Certificate of Analysis

中文名称：毛兰素

English Name：Erianin

别名(Alias): 3'-Hydroxy-3,4,4',5-tetramethoxybibenzyl

产品编码(Cat. No.):BP0550

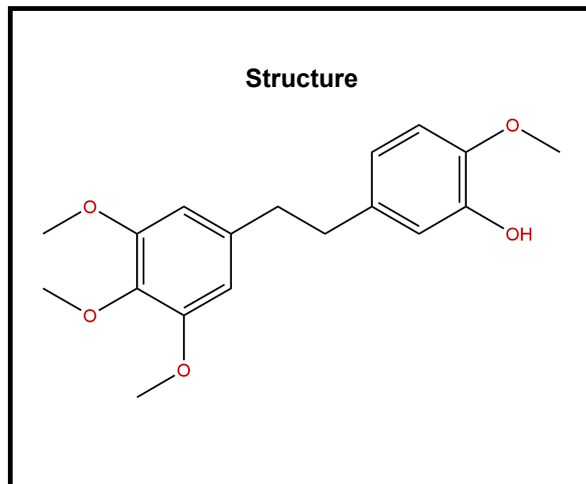
CAS Number: 95041-90-0

分子式(M. F.): C₁₈H₂₂O₅

分子量(M. W.): 318.369

批号(Batch No.): PRF8101341

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	Off-white solid	Off-white solid
干燥失重Loss on drying	< 3.0%	1.4%
纯度Purity (HPLC-DAD,230nm)*	≥98.0%	99.89%
质谱Mass	318.3±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:Agilent 5TC-C18 , 4.6*250mm,5.0um; Column temperature: 30°C; Detection Mode: UV230nm; Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.05% Phosphoric acid in water B, Acetonitrile;Isocratic elution: B, 45%.

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 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.

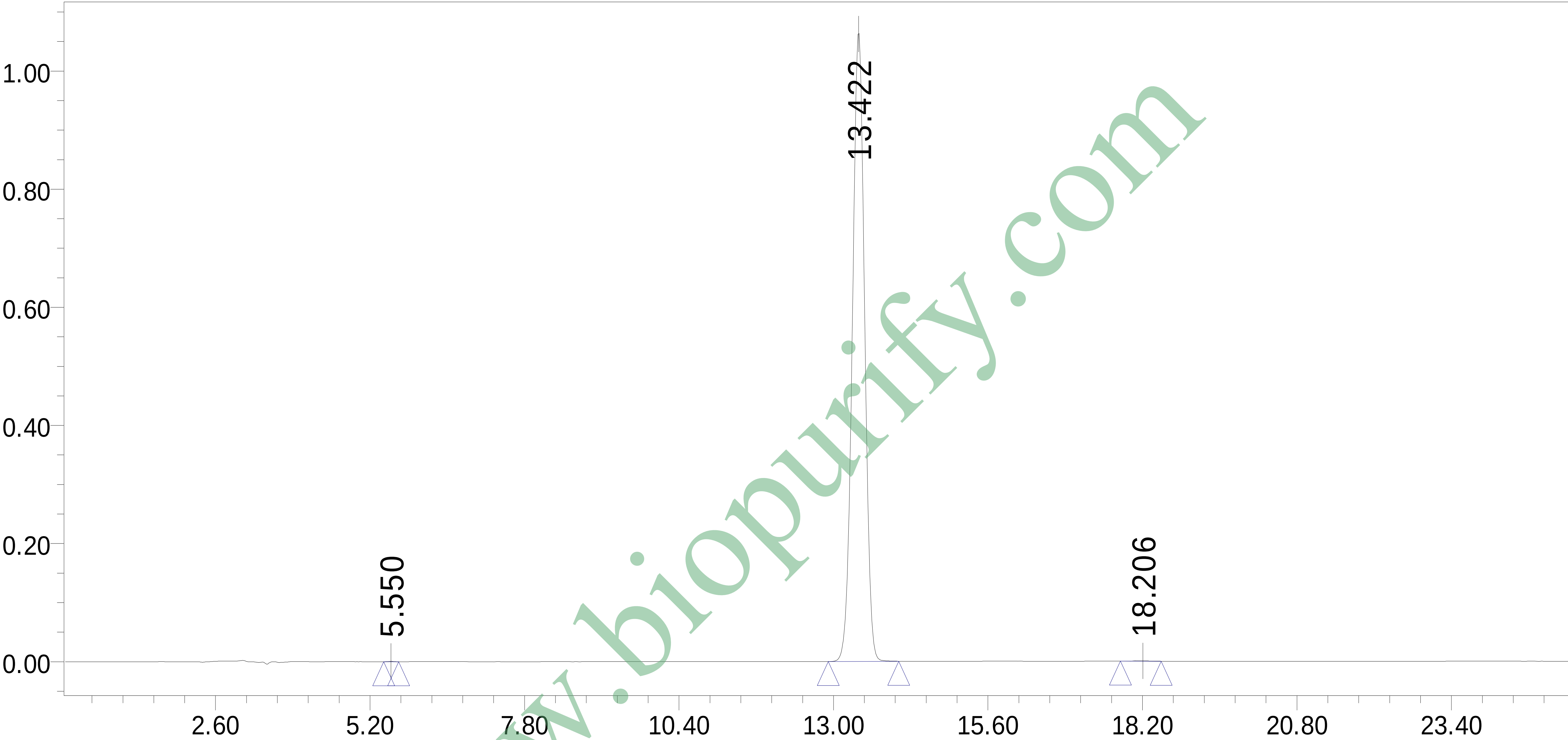
In case of quality issue, please contact us within 15 days after receipt of the product.

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

SAMPLE INFORMATION			
Sample Name:	Erianin PRF8101341	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	60	Acq. Method Set:	Erianin
Injection #:	1	Processing Method:	Samples
Injection Volume:	15.00 ul	Channel Name:	230.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 230.0 nm
Date Acquired:	2017-10-13 15:26:28 CST		
Date Processed:	2017-10-13 16:00:12 CST		

Auto-Scaled Chromatogram



Peak Results					
	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.550	4034	0.03	15563.33	
2	13.422	15255303	99.89	20135.82	27.94
3	18.206	12032	0.08	22825.83	10.85