

产品分析证书 Certificate of Analysis

中文名称: 麦角甾醇

English Name: Ergosterol

别名 (Alias): Ergosterin; Provitamin D2; Ertron

产品编码 (Cat. No.): BP0549

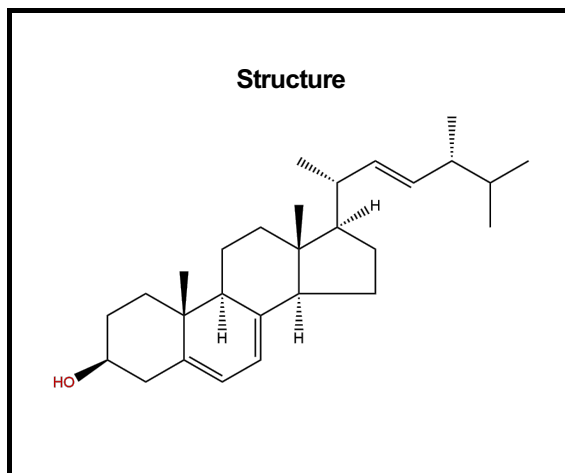
CAS Number: 57-87-4

分子式 (M. F.): C₂₈H₄₄O

分子量 (M. W.): 396.659

批号 (Batch No.): PRF7112841

报告日期 (Report date): 2016-11-28



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 powder	Off-white powder
干燥失重 Loss on drying	<3.0%	1.5%
纯度 Purity (HPLC-DAD, 282nm)*	≥98.0%	98.05%
质谱 Mass	396.6±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 BDS Hypersil C18, 4.6*100mm, 2.4μm; Column temperature: 30°C; Detection Mode: UV282nm;

Flow Rate: 1.0ml/min; Sample dissolution: DMF; Mobile Phase: A, Water B, Acetonitrile; Gradient elution: B, 98%-100%, 15min.

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 (2018-11-27) under conditions list above.

QC: Zhang Ling

Date: 2016-11-28

QA: Wu Qi

Date: 2016-11-28

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.



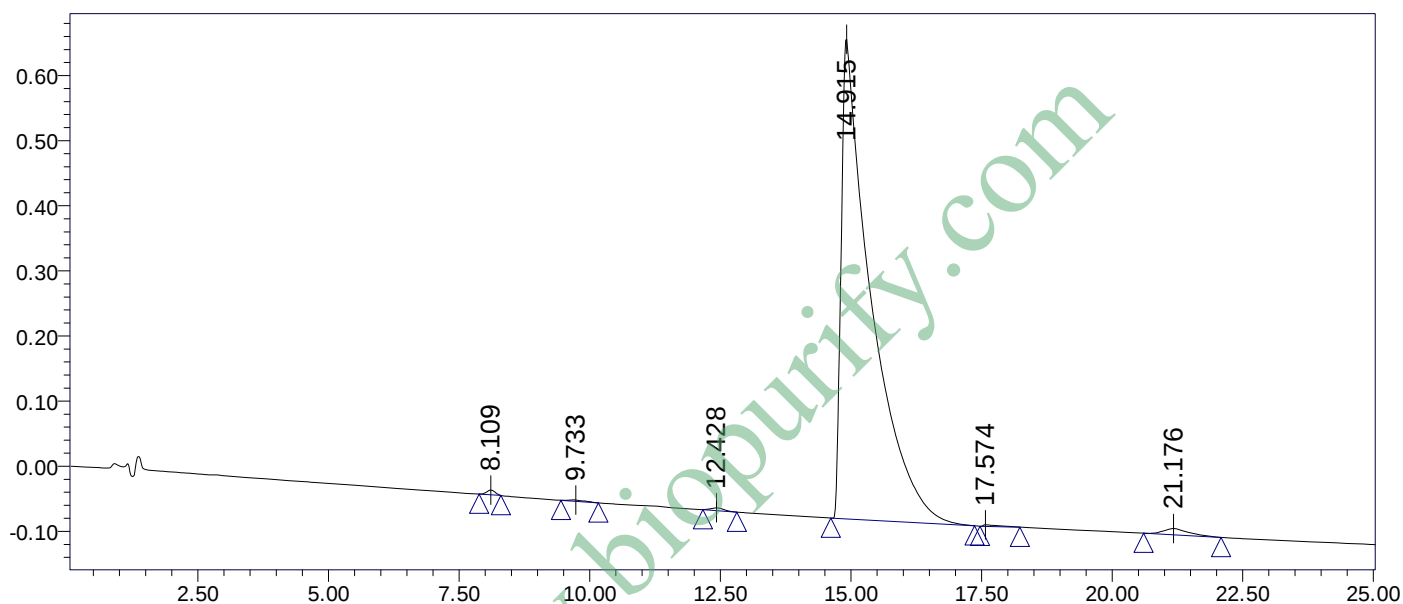
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Ergosterol PRF7112841	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	80	Acq. Method Set:	Ergosterol
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	282.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 282.0 nm
Date Acquired:	2016-11-28 15:42:26 CST		
Date Processed:	2016-11-28 16:49:50 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.109	83456	0.28	11074.14	
2	9.733	42016	0.14	392.29	3.34
3	12.428	74698	0.25	11007.26	4.69
4	14.915	28968730	98.05	3060.04	2.98
5	17.574	50944	0.17	13727.34	2.75
6	21.176	325828	1.10	7836.47	4.17