

产品分析证书 Certificate of Analysis

中文名称: 萝卜硫素

English Name: Sulforaphane

别名 (Alias): Sulphoraphane

产品编码 (Cat. No.): BP1347

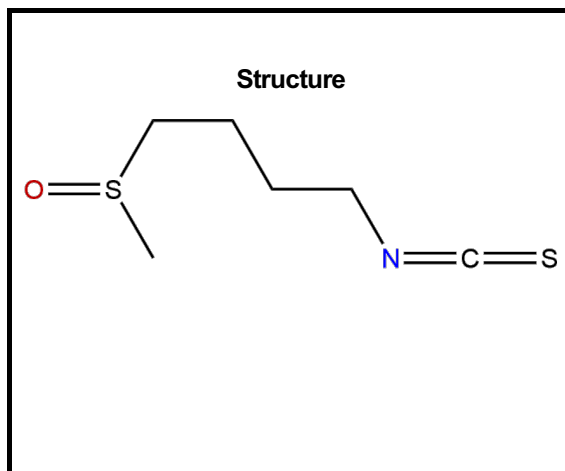
CAS Number: 142825-10-3

分子式 (M. F.): C₆H₁₁NOS₂

分子量 (M. W.): 177.28

批号 (Batch No.): PRF8060141

报告日期 (Report date): 2017-06-01



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 oily liquid	Light yellow oily liquid
纯度 Purity (HPLC-DAD, 205nm)*	≥97.0%	97.90%
质谱 NMR	177.28±1	Conforms
核磁 NMR	Comply with the structure	Conforms
比旋度 SOR		-89.8°

* 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: UV205nm; Flow

Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A: Water B: Acetonitrile; Gradient elution: B, 10%-20%, 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 (2019-05-31) under conditions list above.

QC: Zhang Ling

Date: 2017-06-01

QA: Wu Qi

Date: 2017-06-01

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.



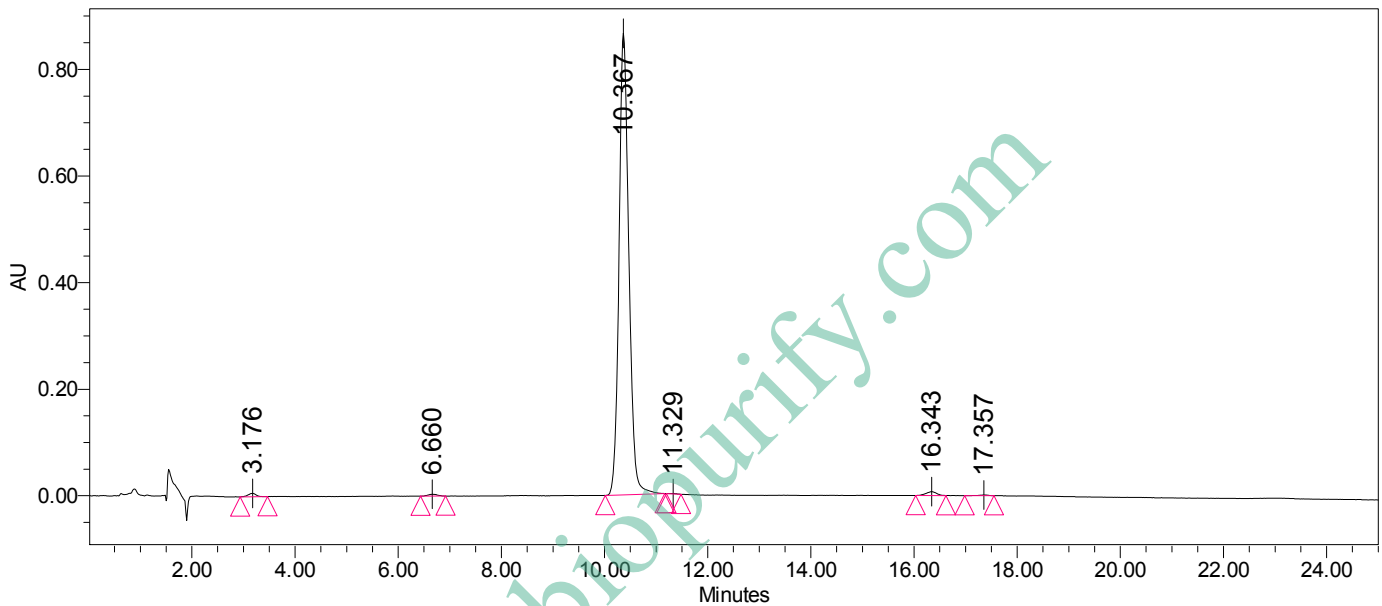
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Sulforaphane PRF8060141	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	48	Acq. Method Set:	Sulforaphane
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	205.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 205.0 nm
Date Acquired:	2017-6-1 11:11:18 CST		
Date Processed:	2017-6-1 13:05:24 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		3.176	70234	0.60	1727.6	
2		6.660	42748	0.37	7024.2	11.2
3		10.367	11446603	97.90	14606.9	10.7
4		11.329	6070	0.05	23164.7	2.9
5		16.343	105221	0.90	28810.5	14.0
6		17.357	21572	0.18	30654.3	3.0