

产品分析证书
Certificate of Analysis

中文名称: 蒜氨酸

English Name: Alliin

别名 (Alias):

产品编码 (Cat. No.): BP0142

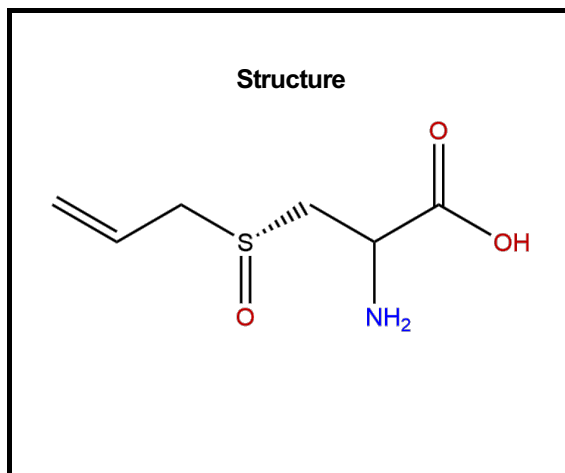
CAS Number: 556-27-4

分子式 (M. F.): C₆H₁₁NO₃S

分子量 (M. W.): 177.218

批号 (Batch No.): PRF8030801

报告日期 (Report date): 2017年3月8日



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
纯度 Purity (HPLC-ELSD)*	≥98.0%	98.81%
质谱 Mass	177.218±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.93%

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

检测方法 (Test Method): Column: Thermo BDS HYPERSIL C18 250*4.6mm, 5.0μm; Column temperature: 30℃; Detection Mode: ELSD

Flow Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A, Water, B, Acetonitrile, Isocratic elution: B, 1%, 20min.

贮存条件 (Storage): 2~8℃, protected from light, keep package airproofed when not in use.

复测期 (Retest date): two years (2019-03-07) under conditions list above.

QC: Zhang Ling

Date: 2017年3月8日

QA: Wu Qi

Date: 2017年3月8日

备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. 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℃. 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.

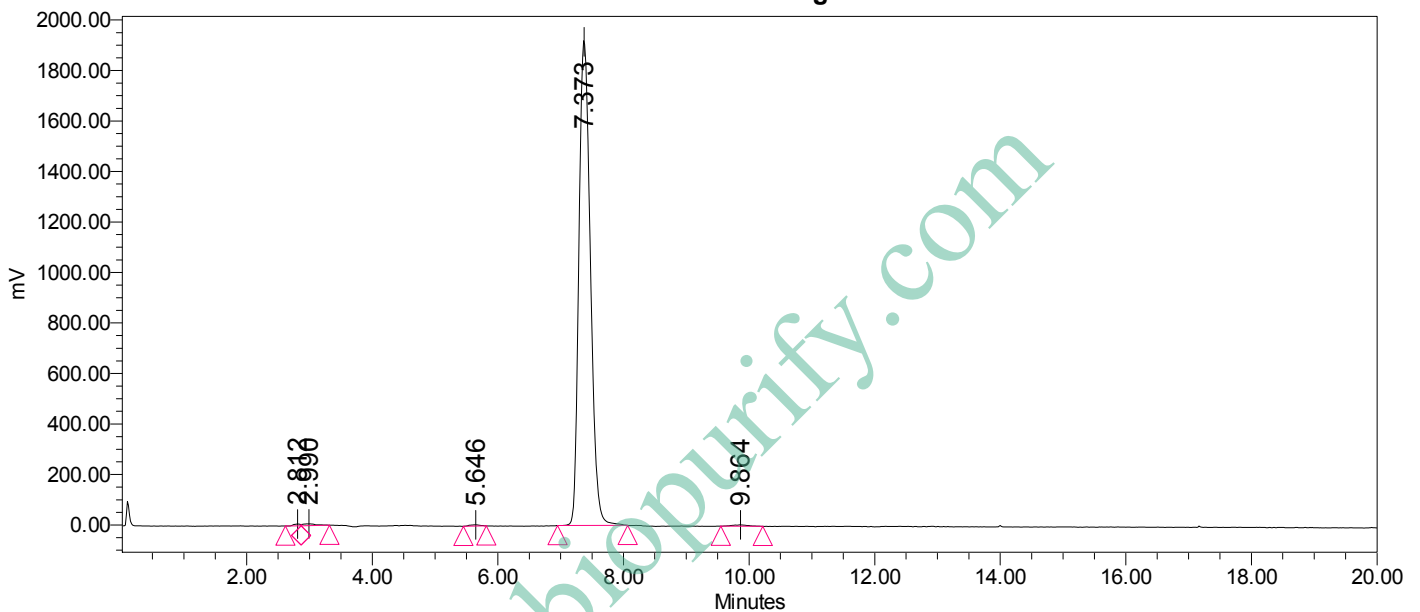
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Allin PRF8030801	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	65	Acq. Method Set:	Allin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2017-3-8 15:43:11 CST		
Date Processed:	2017-3-8 16:20:09 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.812	49795	0.20		
2		2.990	95326	0.38		
3		5.646	55749	0.23	5746.7	
4		7.373	24473218	98.81	7741.5	5.8
5		9.864	92876	0.37	8658.1	5.9