

产品分析证书
Certificate of Analysis

中文名称: 茶氨酸

English Name: Theanine

别名 (Alias): L-Theanine

产品编码 (Cat. No.): BP1388

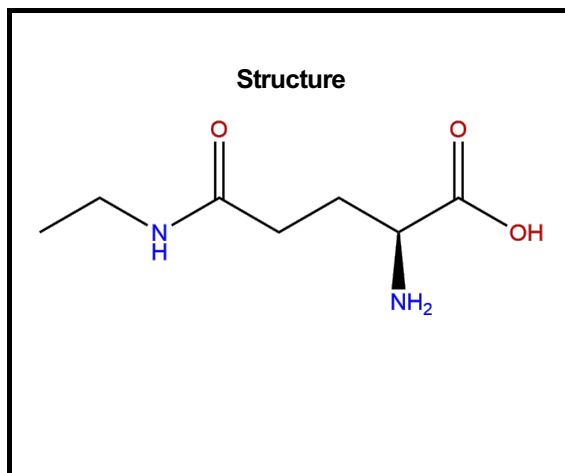
CAS Number: 3081-61-6

分子式 (M. F.): C₇H₁₄N₂O₃

分子量 (M. W.): 174.2

批号 (Batch No.): PRF7101844

报告日期 (Report date): 2016/10/18



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%	1.78%
纯度 Purity (HPLC-DAD, 205nm)*	≥98.0%	99.22%
质谱 Mass	174.2±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

复测期 (Retest date): two years (2018-10-18) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

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

QC:

Zhang Ling

Date: 2016年10月18日

QA:

Wu Qi

Date: 2016年10月18日

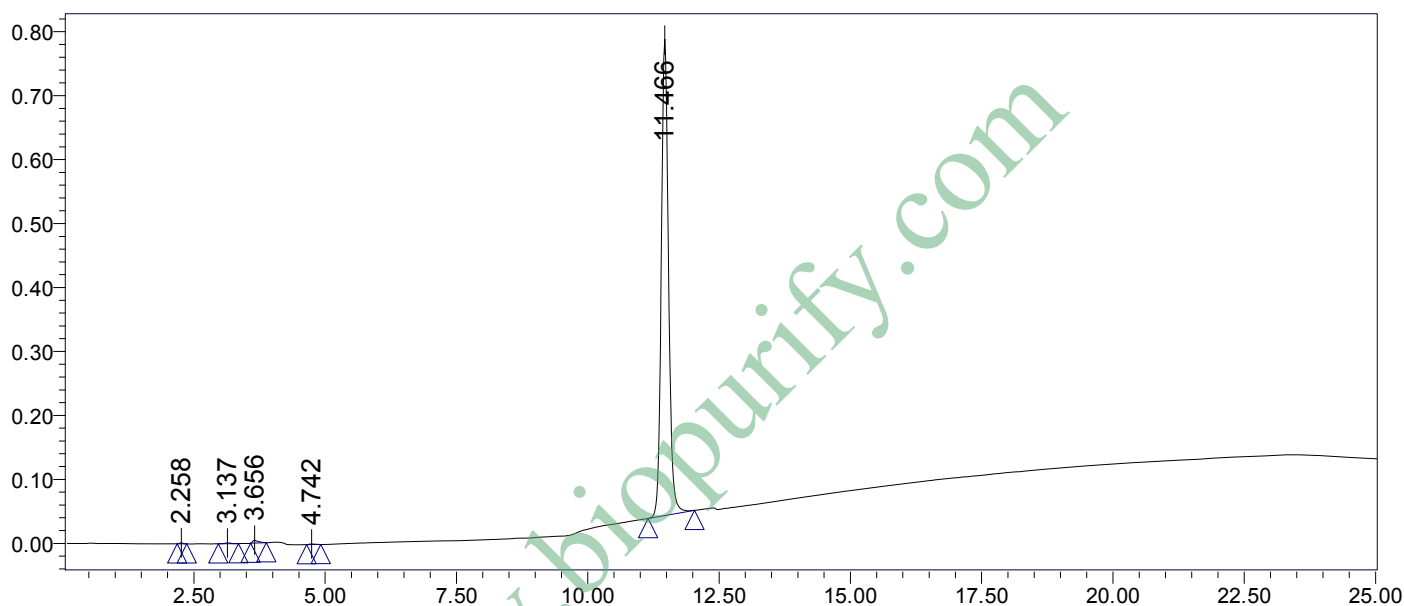
Tel: +86-28-82633987 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Theanine PRF7101844	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	22	Acq. Method Set:	Theanine
Injection #:	1	Processing Method:	Samples
Injection Volume:	7.00 ul	Channel Name:	205.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 205.0 nm
Date Acquired:	2016-10-19 9:25:32 CST		
Date Processed:	2016-10-19 10:44:58 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	2.258	6467	0.09	5977.62	
2	3.137	9282	0.13	2582.67	4.84
3	3.656	33984	0.48	5049.62	2.24
4	4.742	5965	0.08	11239.89	5.49
5	11.466	7085014	99.22	35378.01	31.37