

产品分析证书

Certificate of Analysis

中文名称：羟基异亮氨酸

English Name：4-Hydroxyisoleucine

别名(Alias): 4-Hydroxy-L-isoleucine; (2S,3R,4S)-4-Hydroxyisoleucine, Cas No. 55399-93-4

产品编码(Cat. No.):BP0077

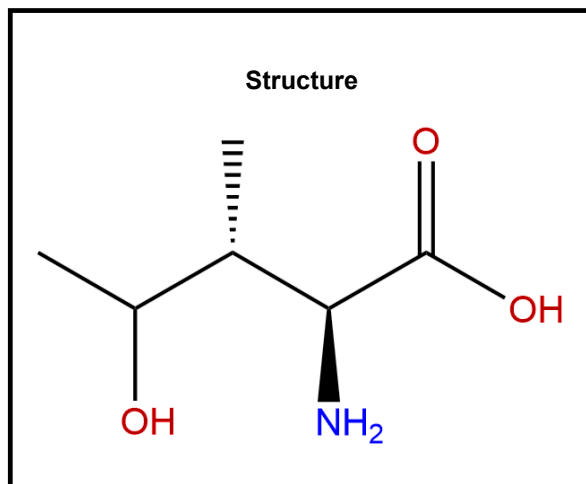
CAS Number: 781658-23-9

分子式(M. F.): C₆H₁₃NO₃

分子量(M. W.): 147.174

批号(Batch No.): PRF8100922

报告日期(Report date): 2017-10-10



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%	1.01%
纯度Purity (HPLC-ELSD)*	≥98.0%	98.39%
质谱Mass	147.1±1	Conforms
核磁NMR	Comply with the structure	Conforms
含量Assay	≥98.0%	99.6%

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

检测方法 (Test Method) : Column: Thermo Hypersil GOLD AQ C18 , 4.6*250mm , 5.0um; Column temperature: 30°C; Detection

Mode: ELSD; Flow Rate: 0.6ml/min; Sample dissolution: Water; Mobile Phase: A, Water B, Acetonitrile ; Isocratic elution: B, 1%.

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

复测期 (Retest date) :two years (2019-10-09) under conditions list above.

QC: Zhang Ling

Date: 2017-10-10

QA: Wu Qi

Date: 2017-10-10

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.

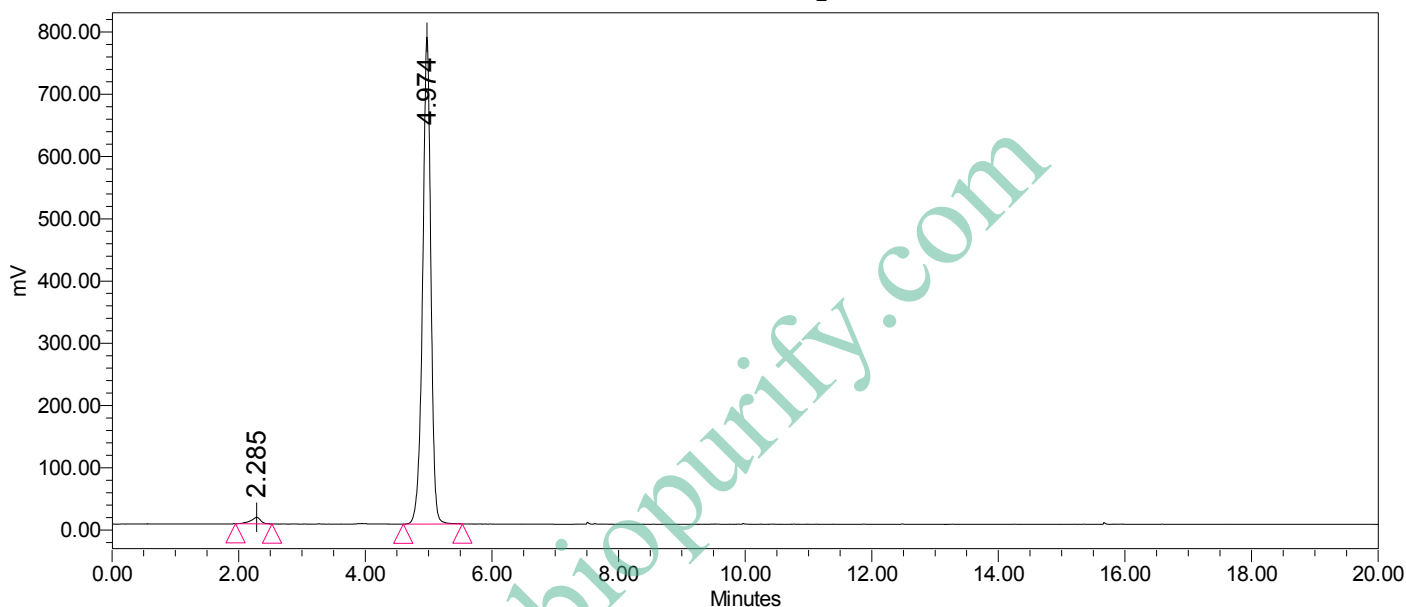
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	4 Hydroxyisoleucine	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	4 Hydroxyisoleucine 20171010
Vial:	74	Acq. Method Set:	4 Hydroxyisoleucine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN-2
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2017-10-10 14:01:51 CST		
Date Processed:	2017-10-10 14:55:11 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.285	115021	1.61	1007.3	
2		4.974	7015431	98.39	7484.5	10.1