成都普瑞法科技开发有限公司
Chengdu Biopurify Phytochemicals Ltd.

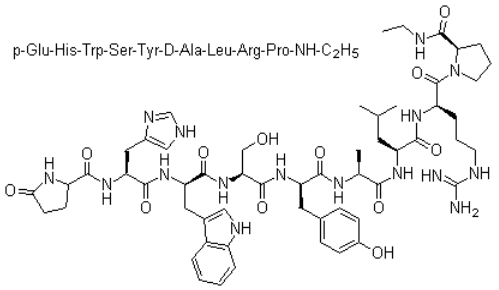
文件编码（DOC NO.）：PRF-COA-BPPG00201

产品分析证书
Certificate of Analysis

中文名称：醋酸阿拉瑞林

English Name：Alarelin Acetate
别名(Alias): DES-GLY10,[D-ALA6]-LH-RH ETHYLAMIDE ACETATE SALT;(DES-GLY10,D-ALA6,PRO-NHET9)-LHRH;(DES-GLY10,D-ALA6,PRO-NHET9)-GONADOTROPIN-RELEASING HORMONE (SEA BREAM);(DES-GLY10,D-ALA6,PRO-NHET9)-GONADOTROPIN-RELEASING HORMONE;(DES-GLY10,D-ALA6,PRO-NHET9)-LUTEINIZING HORMONE-RELEASING FACTOR (SEA BREAM);(DES-GLY10,D-ALA6,PRO-NHET9)-LUTEINIZING HORMONE-RELEASING FACTOR;(DES-GLY10,D-ALA6,PRO-NHET9)-LHRH (SEA BREAM);[DES-GLY10, D-ALA6, PRO-NHET9]-LH-RH (HUMAN)

Structure



产品编码(Cat. No.):BPPG002
CAS Number: 79561-22-1
分子式(M. F.): C58H82N16O14
分子量(M. W.): 1227.37

批号(Batch No.): PRF8032523
报告日期(Report date): 2017-03-25

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 cotton like solid	Off-white cotton like solid
干燥失重Loss on drying	＜3.0%	1.16%
纯度Purity (HPLC-DAD, 220nm)*	≥98.0%	99.71%
质谱Mass	1227.37±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*250mm，5.0um; **Column temperature**: 30℃; **Detection Mode:** UV220nm;**Flow Rate:** 1.0ml/min; **Sample dissolution:** Methanol; **Mobile Phase: A** Triethylamine- Phosphoric acid in Water (PH=7) **B,** Acetonitrile;**Gradient elution:** B, 20%-40%,15min.

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

复测期（**Retest date**）:two years (2019-03-24) under conditions list above.

QC: Zhang Ling
Date: 2017-03-25

QA: WU Qi
Date: 2017-03-25

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 solutons 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.

质检专用章

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

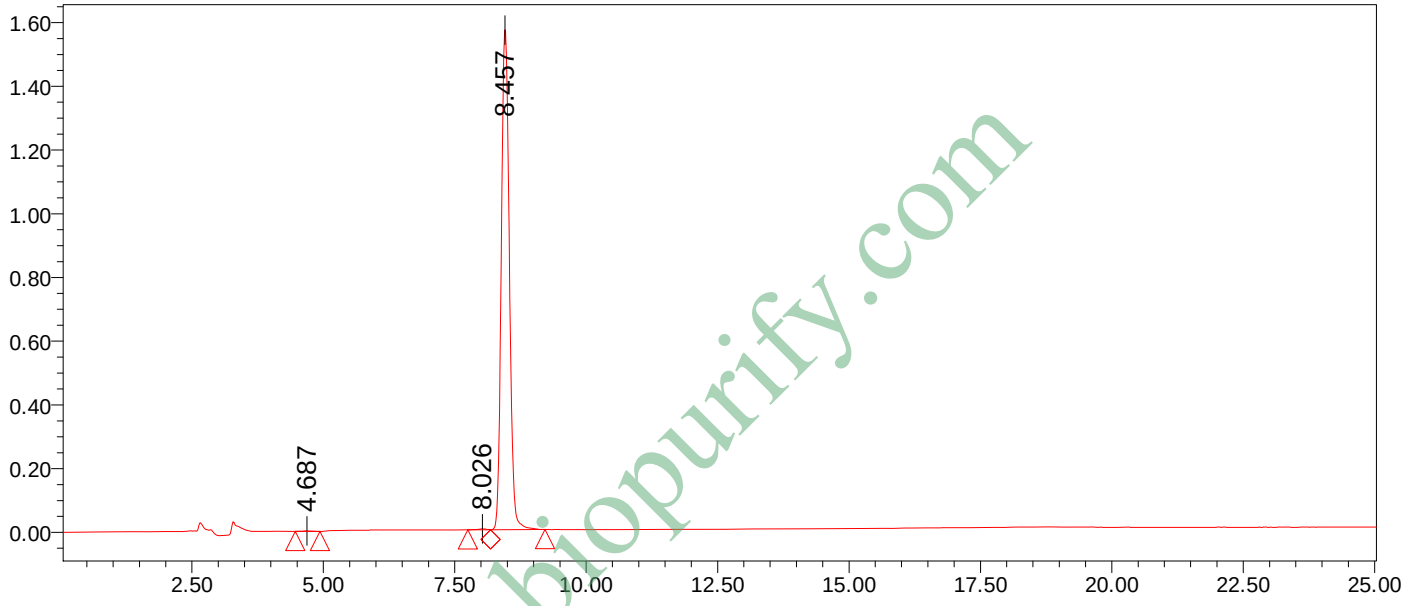
Tel：+86-28-82633397 Fax：+86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Alarelin acetate	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	58	Acq. Method Set:	Alarelin acetate
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	220.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 220.0 nm
Date Acquired:	2017-3-25 11:22:51 CST		
Date Processed:	2017-3-25 12:36:21 CST		

Auto-Scaled Chromatogram



www.biopurify.com

Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.687	14686	0.09	1824.61	
2	8.026	33992	0.20	9948.18	8.61
3	8.457	16684030	99.71	14871.31	1.38