



Certificate of Analysis

质量分析报告(COA)

Product Name (产品名称): TY-A-10485 Orexin b

Lot No (批号): TY-25061410485

Peptide Sequence (肽序): RSGPPGLQGRLQRLQASGNHAAGILTM-NH2

Molecular Weight (分子量): 2899.38

Weight (重量): 2g

Storage (储存): -4°C or -20°C

Solubility (溶解性): Normal

检测项目 Test Items	标准规定 Specification	检测结果 Results
Appearances 外观	-----	powder
Purity (HPLC)纯度	>98% 醋酸盐	98.23%
Mass 质谱	see attached MS Analysis Report	

***Note: this product is intended for research use only; not for diagnostic or human use.**

***Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.**

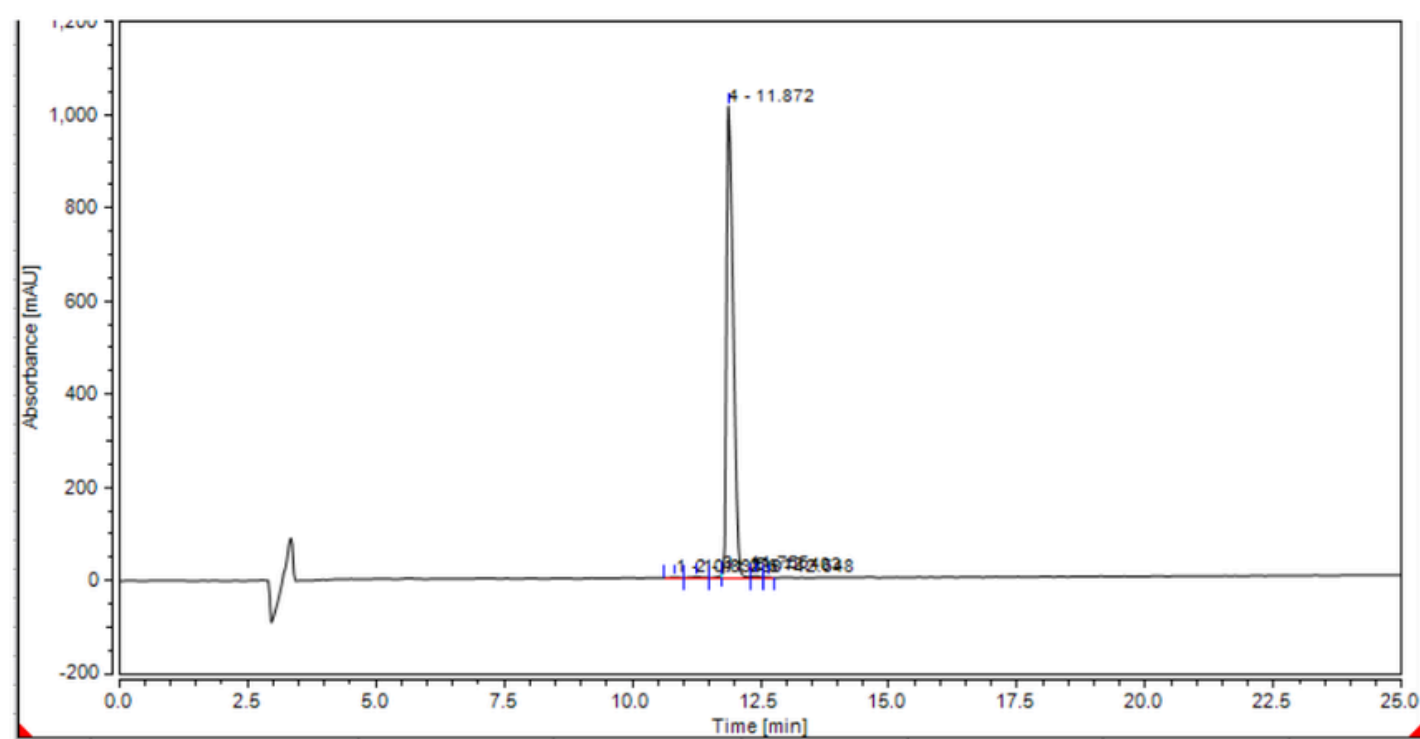
Quality Assurance By: _____

Date: 2025-06-14

Quality Control Department

HPLC Analysis Report

Product Name : TY-A-10485 Orexin b
 Catalog ID : TY-A-10485 Orexin b
 Lot. No : TY-25061410485
 Sequence : RSGPPGLQGRLQRLQASGNHAAGILTM-NH2
 Column : Agilent 5 HC-C18(2) 2250*4.6mm
 Buffer : A: 0.1% TFA in Acetonitrile B: 0.1% TFA in H2O
 Gradient : 25-50% in 25min
 Flow rate : 1.0ml/min
 Wavelength : 220nm
 Dissolution method : 100%H2O
 Column temperature : 50°C



Integration Results							
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount n.a.
1		10.838	0.349	1.737	0.22	0.17	n.a.
2		11.238	0.746	2.667	0.48	0.26	n.a.
3		11.755	0.655	8.000	0.42	0.78	n.a.
4		11.872	153.193	1013.127	98.25	98.23	n.a.
5		12.403	0.813	4.834	0.52	0.47	n.a.
6		12.648	0.158	1.025	0.10	0.10	n.a.
Total:			155.914	1031.390	100.00	100.00	

MS Analysis Report

Sample ID: TY-A-10485 Orexin b

Expected MS: 2899.38 Flow rate: 0.2ml/min

Run Time: 1min

Buffer A: 0.1% HCOOH in water

Buffer B: 0.1% HCOOH in Acetonitrile

