



Certificate of Analysis

质量分析报告(COA)

Product Name (产品名称): TY-A-10422 Vesugen

Lot No (批号): P25101810422

Peptide Sequence (肽序): KED

Molecular Weight (分子量): 390.39

Weight (重量): 4g

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	98.64%
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: 2025-10-18

Quality Control Department

MS Analysis Report

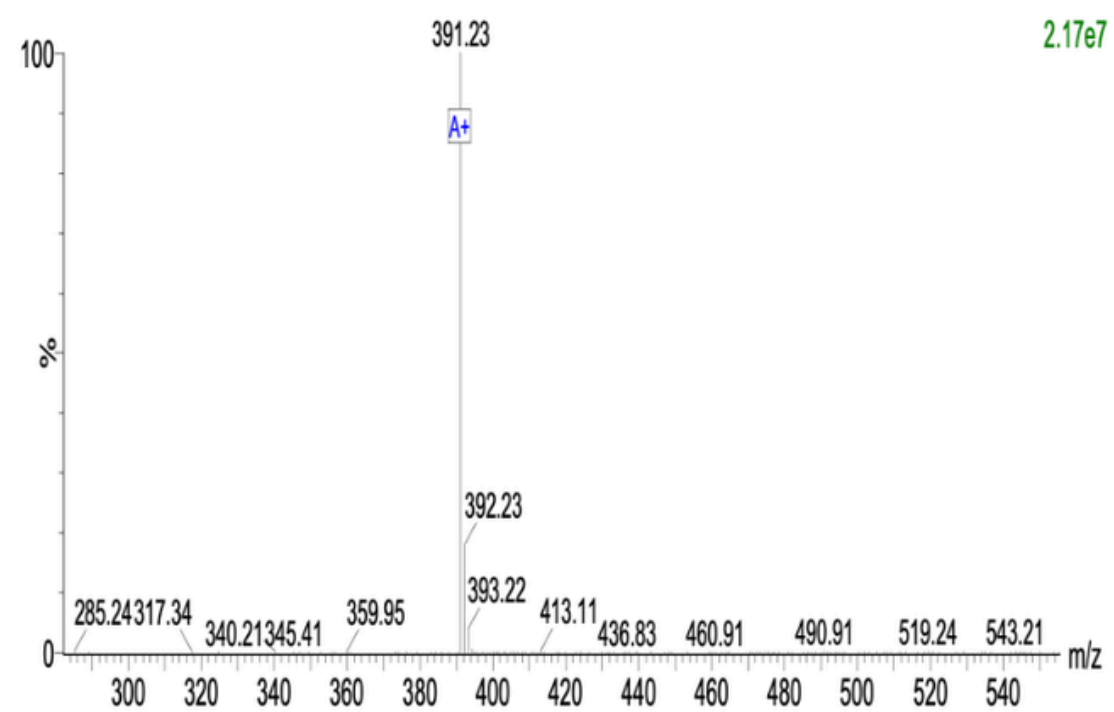
Sample ID: TY-A-10422 Vesugen

Expected MS: 390.39 Flow rate: 0.2ml/min

Run Time: 1min

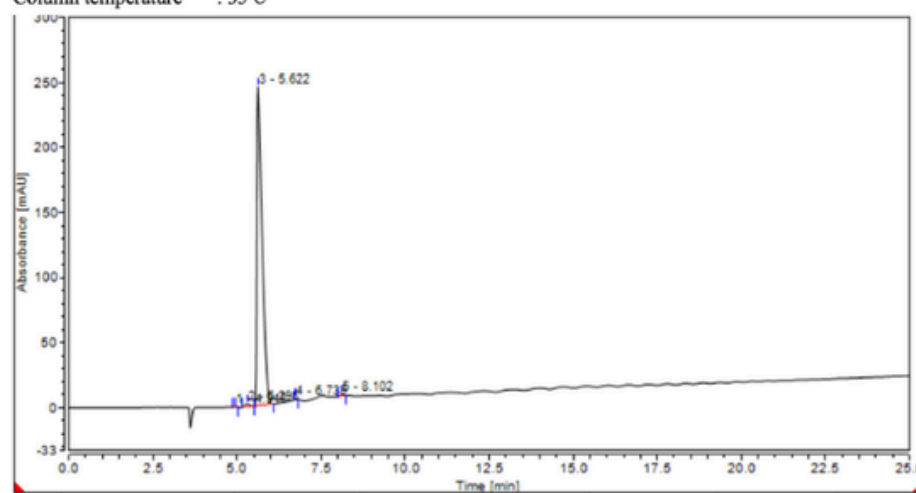
Buffer A: 0.1% HCOOH in water

Buffer B: 0.1% HCOOH in Acetonitrile



HPLC Analysis Report

Product Name : TY-A-10422 Vesugen
 Catalog ID : TY-A-10422 Vesugen
 Lot. No : P25101810422
 Sequence : KED
 Column : Welch, XB-C18,(4.6mm i.d.,250 mm L 3um)
 Buffer : A: 0.1% TFA in Acetonitrile B: 0.1% TFA in H2O
 Gradient : 0-25% in25min
 Flow rate : 1.0ml/min
 Wavelength : 220nm
 Dissolution method : H2O
 Column temperature : 35°C



Integration Results							
No.	Peak Name	Retention Time	Area	Height	Relative Area	Relative Height	Amount
		min	mAU*min	mAU	%	%	n.a
1		4.948	0.027	0.348	0.06	0.14	n.a
2		5.298	0.411	2.591	0.93	1.03	n.a
3		5.622	43.465	245.297	98.64	97.78	n.a
4		6.733	0.057	1.438	0.13	0.57	n.a
5		8.102	0.104	1.189	0.24	0.47	n.a
Total:			44.065	250.864	100.00	100.00	