

MS Analysis Report

Sample ID: HT-A-12053 dermorphin

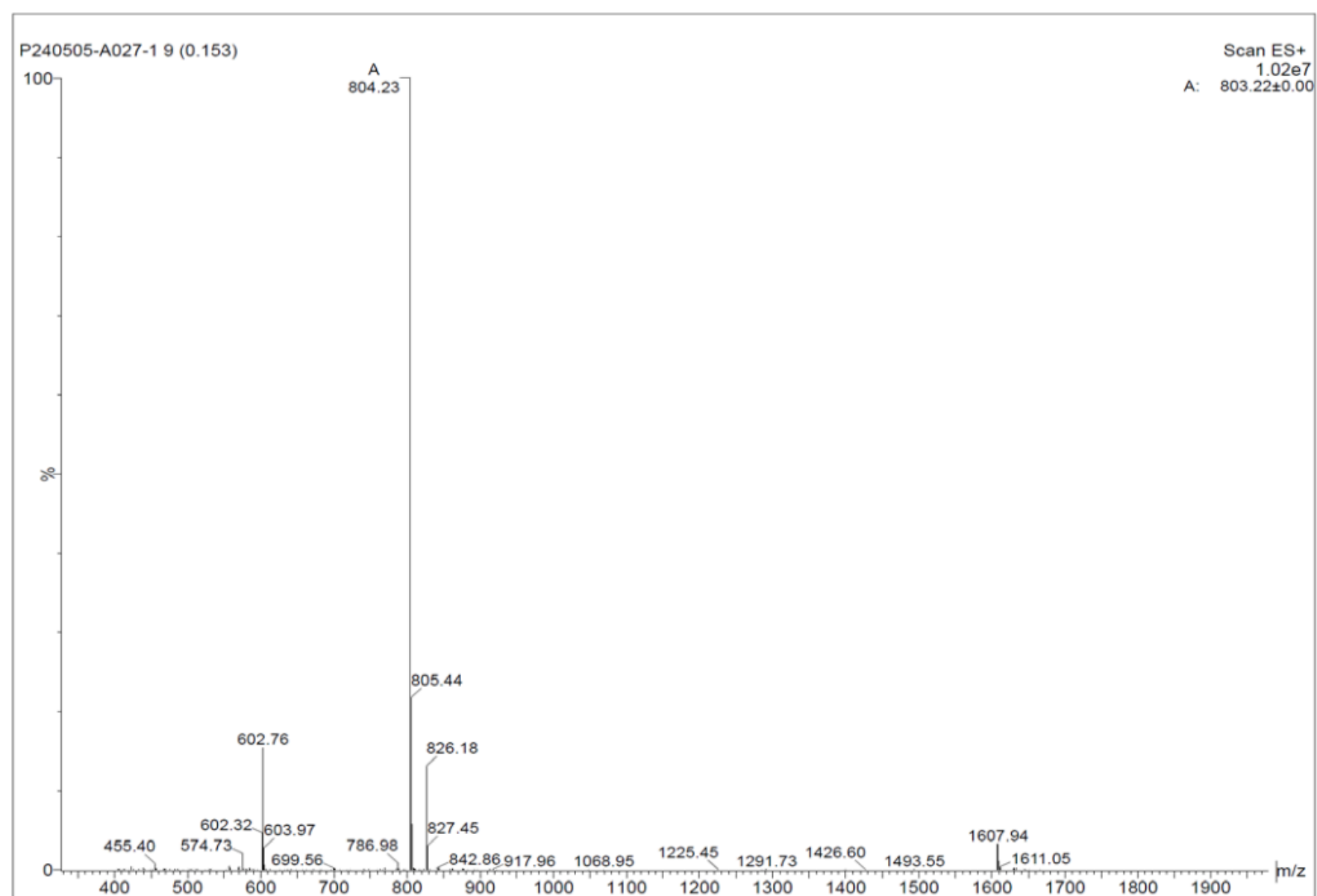
Expected MS: 802.89

Flow rate: 0.2ml/min

Run Time: 1min

Buffer A: 0.1% HCOOH in water

Buffer B: 0.1% HCOOH in Acetonitrile





Certificate of Analysis

质量分析报告(COA)

Product Name (产品名称): HT-A-12053 Dermorphin

Lot No (批号): P2024072912053

Peptide Sequence (肽序): H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH₂

Molecular Weight (分子量): 802.89

Weight (重量): 3g

Storage (储存): -4°C or -20°C

Solubility (溶解性): Normal

检测项目	标准规定	检测结果
Test Items	Specification	Results
Appearances 外观	-----	powder
Purity (HPLC)纯度	98%	99.71%
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: 2024-7-29

Quality Control Department

HPLC Analysis Report

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Sequence: H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH₂

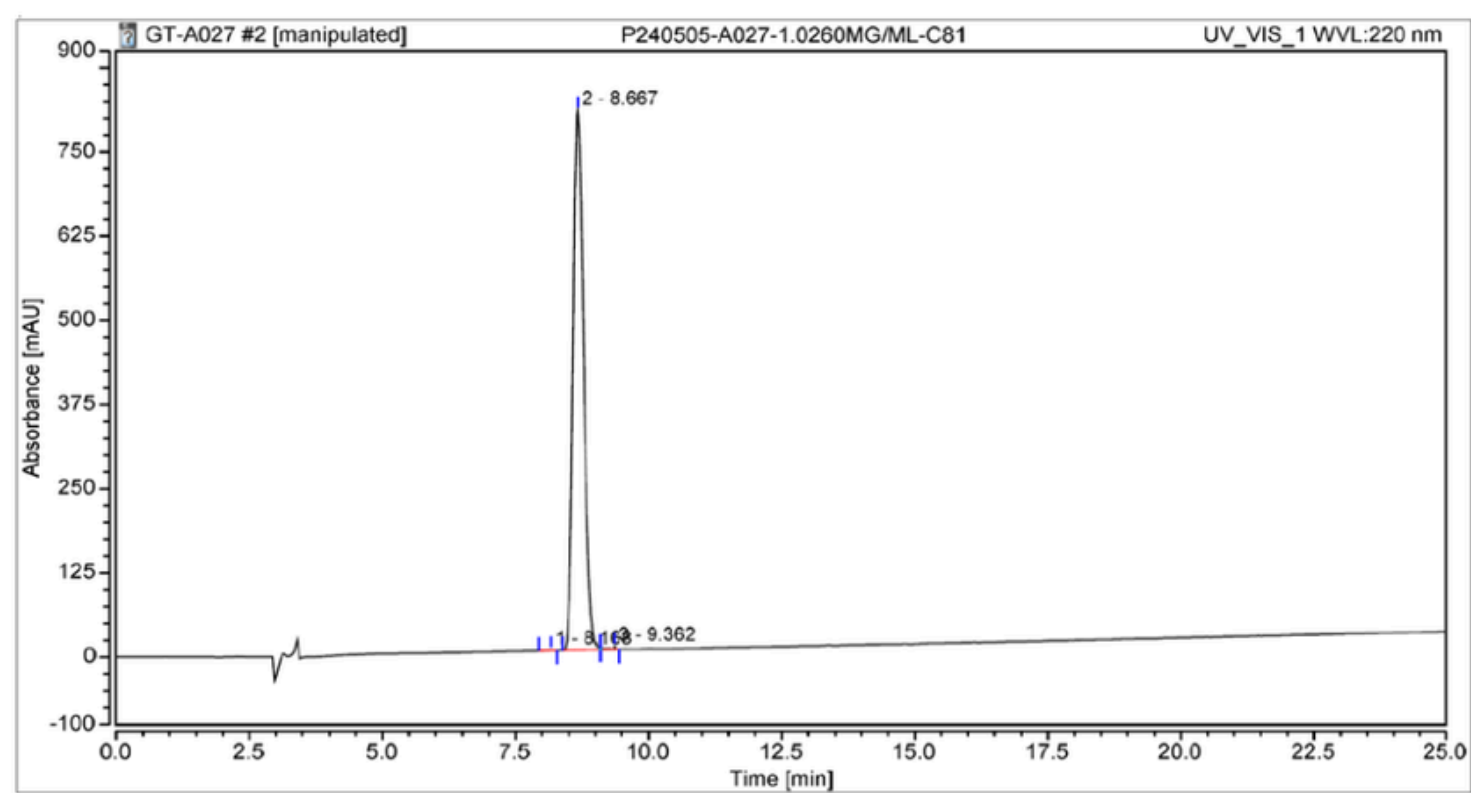
Column: 4.6*150mm, kromasil C18-5

Solvent A: 0.1%Trifluoroacetic in 100% Acetonirile

Solvent B: 0.1%Trifluoroacetic in 100% Water

Gradient:	A	B
0.01min	5%	95%
25.0min	70%	30%
30min	95%	10%

Flow rate: 1.0ml/min Wavelength: 214nm Volume: 20ul



Integration Results							
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		8.168	0.120	0.696	0.07	0.09	n.a.
2		8.667	181.550	801.809	99.71	99.41	n.a.
3		9.362	0.415	4.094	0.23	0.51	n.a.
Total:			182.085	806.599	100.00	100.00	

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