

CERTIFICATE OF ANALYSIS

Catalog No.: 189265
Product Name: Prostatmax
Sequence: Lys-Glu-Asp-Pro
Lot Number: P240325-LC189265
Molecular Formula: C₂₀H₃₃N₅O₉
Molecular Weight: 487.5
Store at: Cool dry place

Tests	Specifications	Results
Appearance	White to off white powder	Consistent
Purity(HPLC)	≥98%	99.43%
Water	≤6.0%	3.76%
Acetic Acid	≤10%	8.11%
Trifluoroacetic Acid	≤1%	0.38%
Peptide Content	≥80%	87.74%
MS	Consistent	Consistent
Endotoxin	< 5EU/mg	Consistent

SOVEREIGN HEALTH
Note: this product is intended for research use only; not for diagnostic or human use.
AND PERFORMANCE

HPLC REPORT

Sample: Prostamax

Analyst: HCM

Lot. No.: P240325-LC189265

Column: 4.6×250mm, SinoChrom ODS-BP

Solvent A: A: 0.1% Trifluoroacetic Acid in 100% Acetonitrile

Solvent B: B: 0.1% Trifluoroacetic Acid in 100% Water

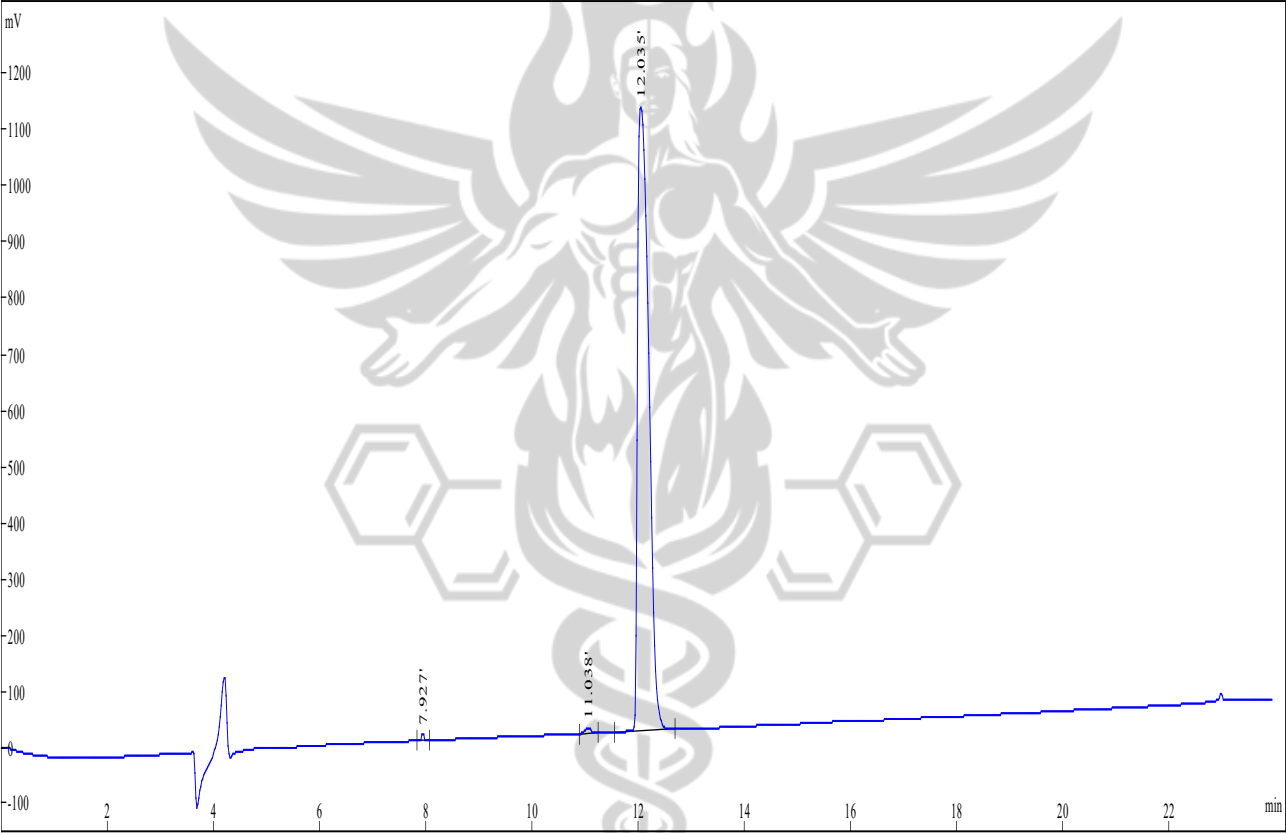
Gradient:

	A	B
0.0min	5%	95%
25.0min	30%	70%
25.1min	100%	0%
30.0min	Stop	

Volume: 5µl

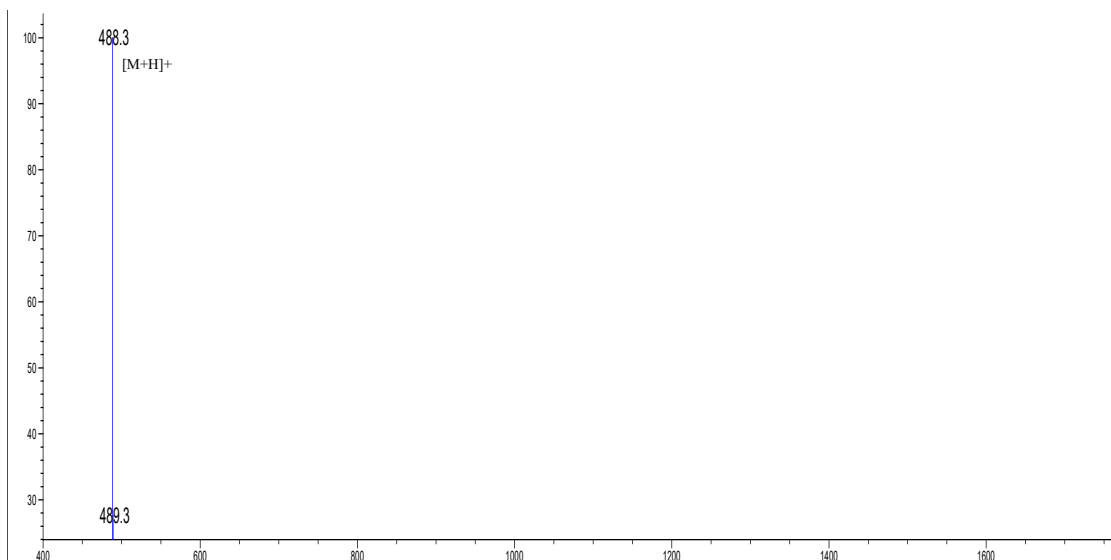
Wavelength: 220nm

Flow rate: 1.0ml/min



Rank	Time	Conc.	Area	Height
1	7.927	0.1516	22961	10765
2	11.038	0.4181	63311	9870
3	12.035	99.43	15056643	1108172
Total		100	15142915	1128807

MASS SPECTROMETRY REPORT



Sample Description

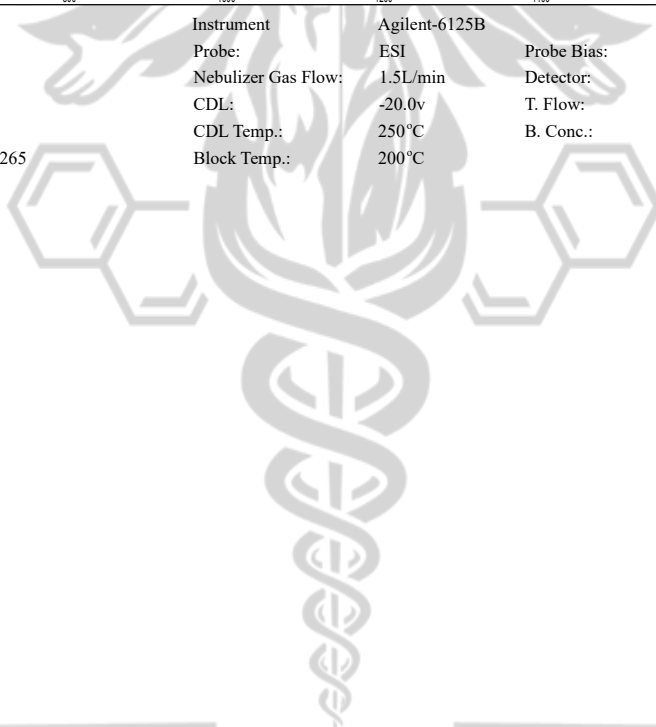
Analyzed date: 2025-11-25
Analyst: YU
Sample: Prostamax
M.W.: 487.5
Lot. No.: P240325-LC189265

Instrument

Probe: ESI
Nebulizer Gas Flow: 1.5L/min
CDL: -20.0v
CDL Temp.: 250°C
Block Temp.: 200°C

Agilent-6125B

Probe Bias: +4.5kv
Detector: 1.5kv
T. Flow: 0.2ml/min
B. Conc.: 50%H₂O/50%ACN



SOVEREIGN HEALTH AND PERFORMANCE