
CERTIFICATE OF ANALYSIS

Product Name	Thymosin- β -4	
Sequence	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser-OH	
Dissolution condition	10%ACN+90%H2O	
CAS NO.	77591-33-4	
Batch	THYE124	
Molecular Weight (MW)	4963.50 \pm 1.0	
Storage	-20°C	
Test Items	Specifications	Results
Purity by HPLC	\geq 99.0%	99.49%
Endotoxin	< 50 EU/mg	Conforms
Moisture content	\leq 8.0%	5.9%
Acetic acid content	\leq 8.0%	4.3%
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10.0mg/vial	10.0mg/vial
Certified by: QA	Date	05/19/2024

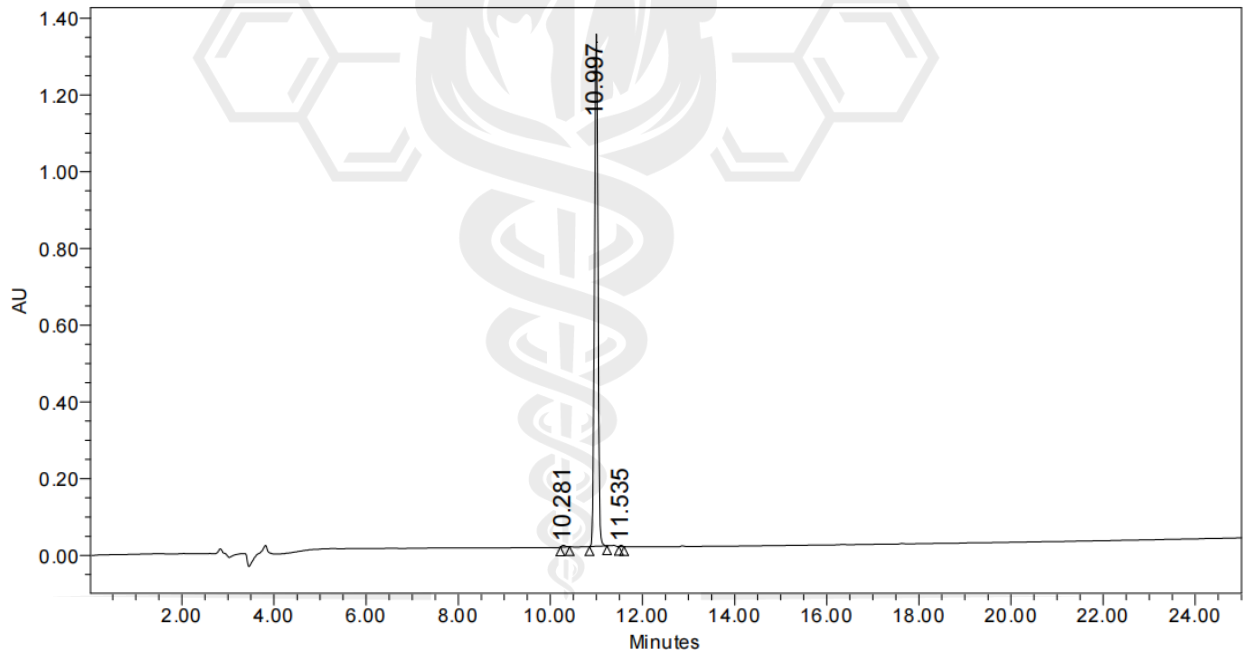
Note: this product is intended for research use only; not for diagnostic or human use.

SOVEREIGN HEALTH
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Sample Information

Name : Thymosin- β -4
Cas No : 77591-33-4
Sequence : Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser-OH
Pump A : 0.1% Trifluoroacetic in 100% Water
Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile
Total Flow : 1ml/min
Wavelength : 220nm
Analytical column type : SHIMADZU Inertsil ODS-SP (4.6*250mm*5um)
Inj. Volume : 20ul

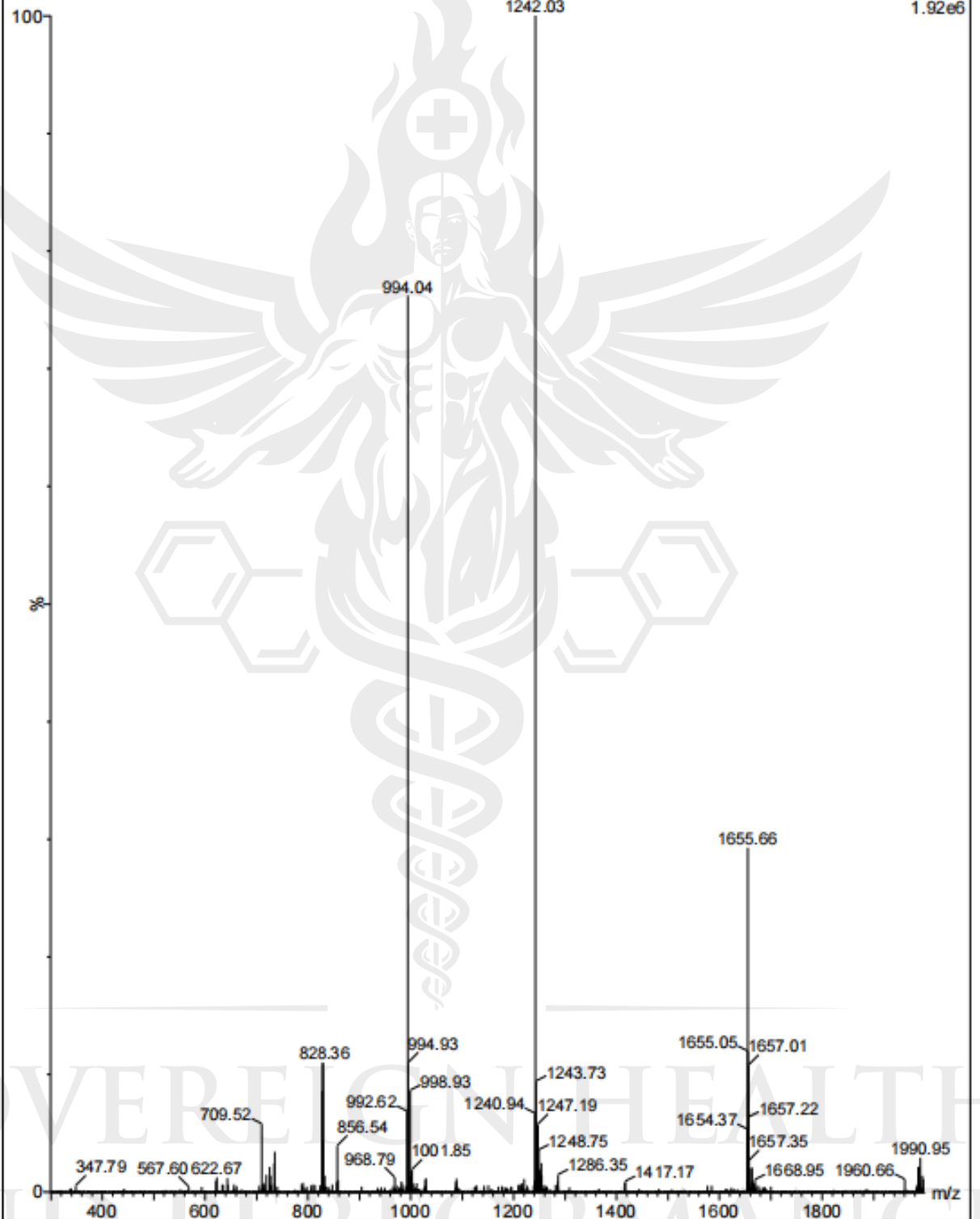
Time	Module	Action	Value
0.00	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	100



	RT	Area	% Area	Height
1	10.281	23630	0.34	4343
2	10.997	6835319	99.49	1319547
3	11.535	11366	0.17	3111

THYMOSIN-TEBA-4 23 (0.425)

Scan ES+
1.92e6



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