



CERTIFICATE NO	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA-2026-00286	20260900185-187	20 SEP 2026	FINAL

01 CLIENT & PRODUCT INFORMATION

Client organization	ROEHN LABS	Client contact	support@roehn.com
Product name	Thymosin Alpha-1	Client lot / batch	00011/0011
Label claim	10 mg	Lab sample ID	20260900185-187
Sample matrix	Lyophilized	Quantity received	3
Container / closure	Clear Vial w/Black Top	Condition on receipt	Intact
Date received	11 Sep 2026	Testing period	15 Sep 2026
Storage condition	Ambient	Route / intended use	RUO

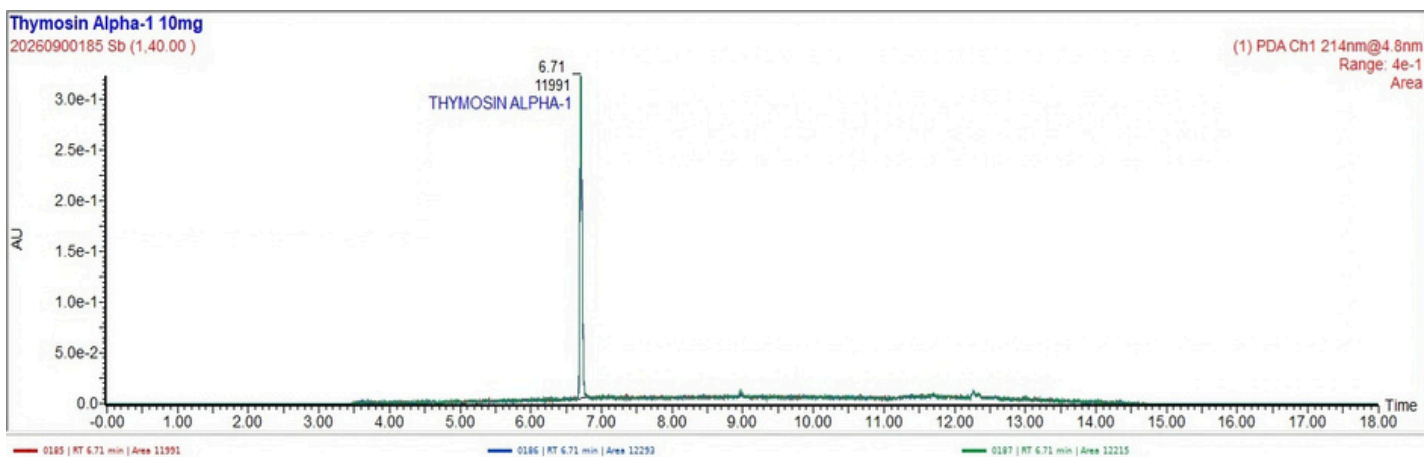
02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity (Average purity calculated from 3 vials)	UPLC-UV	Acquity UPLC/PDA	99.79	% area	>99%	PASS
Identification	UPLC-MS	Waters Quattro Series	Conforms	—	Ionization profile match w/standard across all vials tested	PASS
Net content	Quantitative UPLC	Acquity UPLC/PDA	20260900185 – 9.98 20260900186 – 10.06 20260900187 – 10.04	mg/vial	±10%	PASS

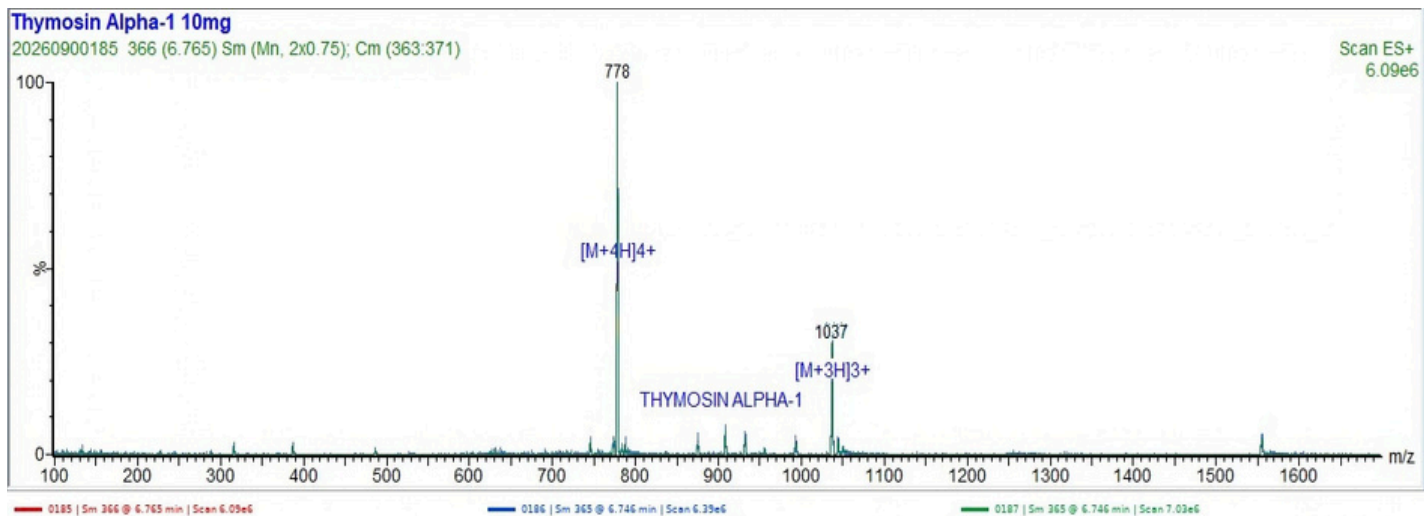
03 SUPPORTING ANALYTICAL EVIDENCE



PRODUCT AS RECEIVED



UV CHROMATOGRAM



MASS SPECTRUM / SPECTRA

Recombinant Factor-c

bioMerieux EndoZyme II

11400 State Highway 30, Suite 701 | College Station, TX 77845
Reconstitution in Endotoxin Free Water
Results apply only to the sample tested as received unless otherwise stated.

0.5 EU/mL (AV Analytics applies 2x USP limit for H₂O,

no USP endotoxin limit applies to RUO products)

979-315-5808 | info@avanalytical.com
F-QA-COA-001 | Rev0.2 | Controlled Template

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04 ENDOTOXIN ANALYSIS | Recombinant Factor C (rFC) fluorescence assay

Method		Instrument / asset ID	Molecular Devices Gemini XPS
Assay / reagent		Standard	Kit-integrated
Sample preparation		Run / plate ID	0915P1-AVQC20260900185-187
Product limit		Maximum valid dilution	1:1 00

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	Vial 1 0.11 Vial 2 0.14 Vial 3 0.08	<0.5	EU/mL	PASS
Positive product control recovery	92	50-200	%	PASS
Negative control	Non-Detect	<0.005	EU/mL	PASS
Standard curve / assay validity	.98	Correlation factor >0.94	R ²	PASS

05 AUTHORIZATION | Review, decision rule and release

Analyst	Jason Snitker	Technical reviewer	Vanessa Montoya, PhD
Authorized signatory	Vanessa Montoya, PhD	Decision rule	Document complete, fields correct, analysis reviewed
Deviations / qualifiers	None	Amendment history	NA

Report conditions: Results are analytical findings for the item tested and do not constitute an endorsement of product safety, efficacy or regulatory status. Unless otherwise stated, this certificate may be reproduced only in full with written approval from AV Analytics.