AV ANALYTICS
Analytical Precision - Operational Excellence
INDEPENDENT ANALYTICAL LABORATORY

CERTIFICATE OF ANALYSIS

Analytical results | Controlled laboratory report

CERTIFICATE NO.	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA-2026-26232	*20260900460*	*14 Oct 2026*	*FINAL*

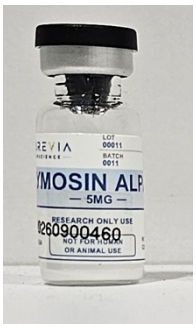
01 CLIENT & PRODUCT INFORMATION

Client organization	*Aurevia Bioscience*	**Client contact**	*support@aureviabio.com*
Product name	*Thymosin Alpha 1*	**Client lot / batch**	*00011/0011*
Label claim	*5 mg*	**Lab sample ID**	*20260900460*
Sample matrix	*Lyophilized*	**Quantity received**	*1*
Container / closure	*Clear vial/Black cap*	**Condition on receipt**	*Intact*
Date received	*07 Oct 2026*	**Testing period**	*07 Oct 26-09 Oct 26*
Storage condition	*Ambient*	**Route / intended use**	*RUO*

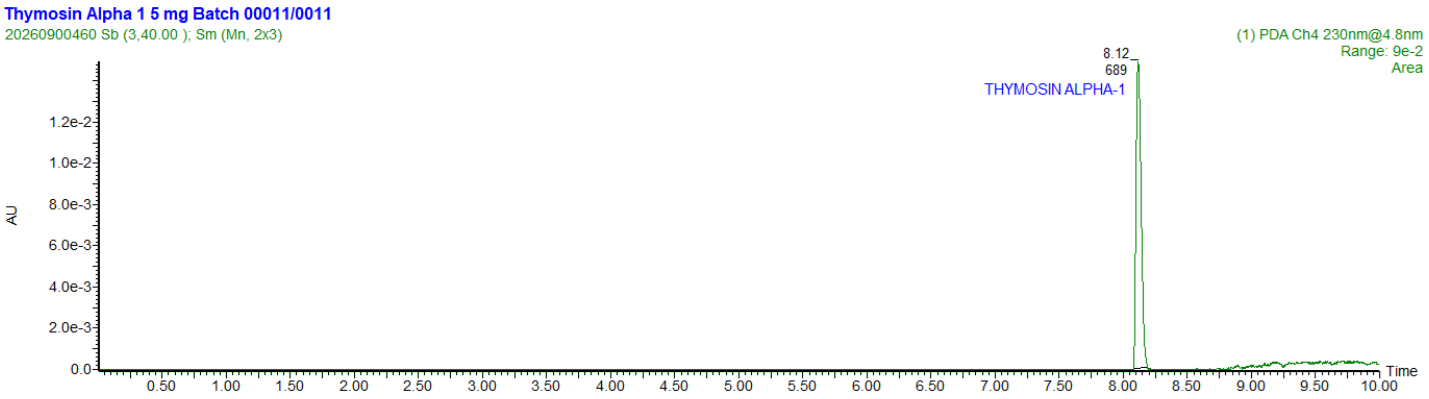
02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity	*UPLC-UV*	*Acquity UPLC/PDA*	*99.81*	*% area*	*>99%*	*PASS*
Identification	*UPLC-MS*	*Waters Quattro Series*	*Conforms*	—	*Ionization profile match w/standard*	*PASS*
Net content	*Quantitative UPLC*	*Acquity UPLC/PDA*	*5.45 mg*	*mg/vial*	*±10%*	*PASS*

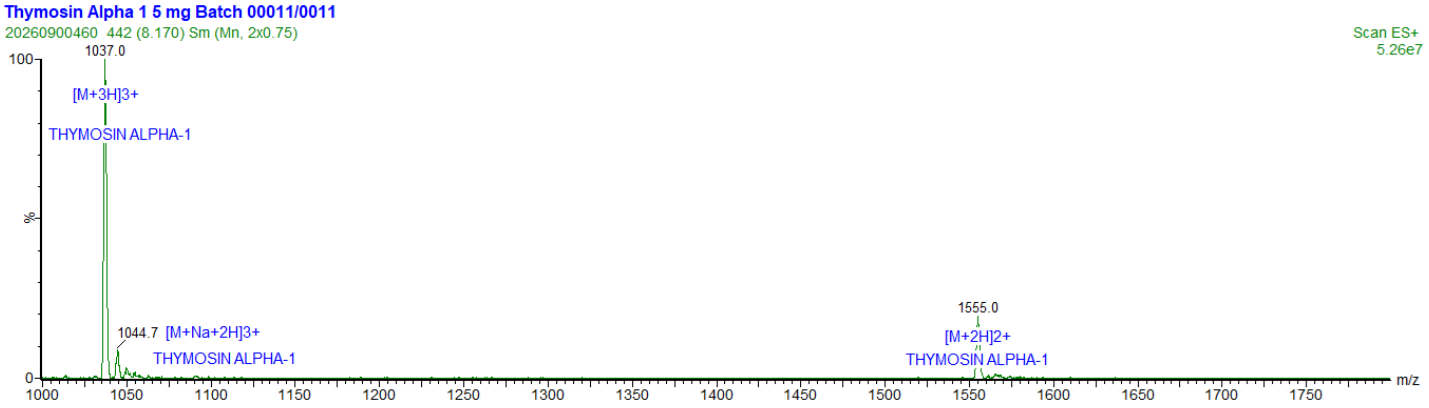
03 SUPPORTING ANALYTICAL EVIDENCE



PRODUCT AS RECEIVED



UV CHROMATOGRAM



MASS SPECTRUM / SPECTRA

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

Method	*Recombinant Factor-c*	**Instrument / asset ID**	*Molecular Devices Gemini XPS*
Assay / reagent	*bioMerieux EndoZyme II*	**Standard**	*Kit-integrated*
Sample preparation	*Reconstitution in Endotoxin Free Water*	**Run / plate ID**	*EZII-20260900460*
Product limit	*0.5 EU/mL (AV Analytics applies 2x USP limit for H2O, no USP endotoxin limit applies to RUO products)*	**Maximum valid dilution**	*1:100*

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	*0.14*	*<0.5*	*EU/mL*	*PASS*
Positive product control recovery	*88*	*50-200*	*%*	*PASS*
Negative control	*Non-Detect*	*<0.005*	*EU/mL*	*PASS*
Standard curve / assay validity	*0.99*	*Correlation factor >0.94*	*R^2*	*PASS*

05 AUTHORIZATION | Review, decision rule and release

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

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CERTIFICATE OF ANALYSIS

Analytical results | Controlled laboratory report

CERTIFICATE NO.	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA-2026-26233	*20260900461*	*14 Oct 2026*	*FINAL*

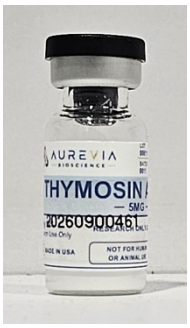
01 CLIENT & PRODUCT INFORMATION

Client organization	*Aurevia Bioscience*	**Client contact**	*support@aureviabio.com*
Product name	*Thymosin Alpha 1*	**Client lot / batch**	*00011/0011*
Label claim	*5 mg*	**Lab sample ID**	*20260900461*
Sample matrix	*Lyophilized*	**Quantity received**	*1*
Container / closure	*Clear vial/Black cap*	**Condition on receipt**	*Intact*
Date received	*07 Oct 2026*	**Testing period**	*07 Oct 26-09 Oct 26*
Storage condition	*Ambient*	**Route / intended use**	*RUO*

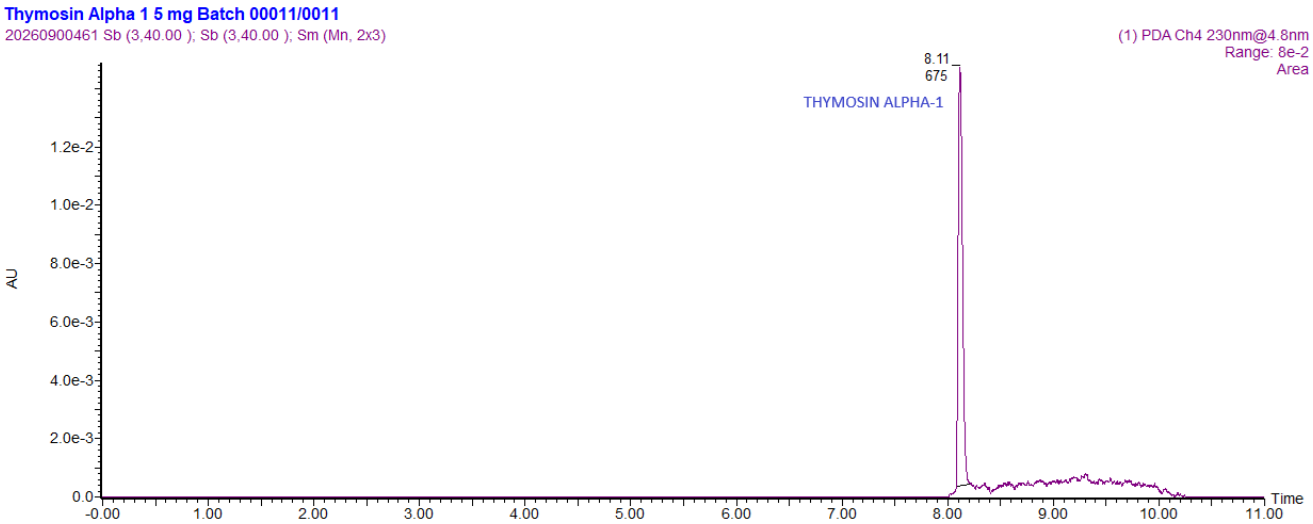
02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity	*UPLC-UV*	*Acquity UPLC/PDA*	*99.72*	*% area*	*>99%*	*PASS*
Identification	*UPLC-MS*	*Waters Quattro Series*	*Conforms*	—	*Ionization profile match w/standard*	*PASS*
Net content	*Quantitative UPLC*	*Acquity UPLC/PDA*	*5.34 mg*	*mg/vial*	*±10%*	*PASS*

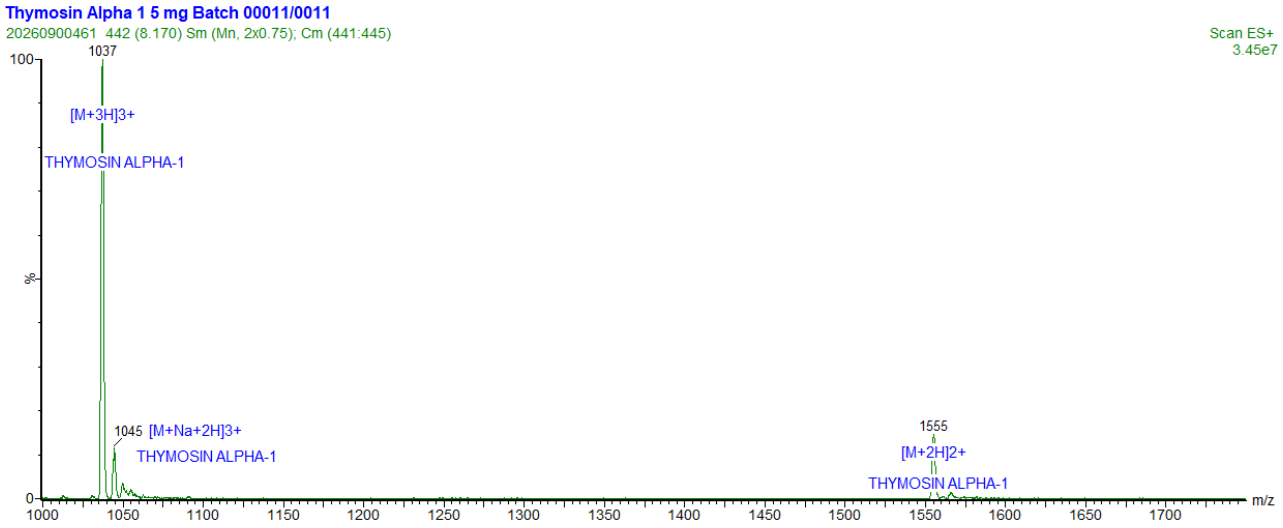
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PRODUCT AS RECEIVED



UV CHROMATOGRAM



MASS SPECTRUM / SPECTRA

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

Method	*Recombinant Factor-c*	**Instrument / asset ID**	*Molecular Devices Gemini XPS*
Assay / reagent	*bioMerieux EndoZyme II*	**Standard**	*Kit-integrated*
Sample preparation	*Reconstitution in Endotoxin Free Water*	**Run / plate ID**	*EZII-20260900461*
Product limit	*0.5 EU/mL (AV Analytics applies 2x USP limit for H2O, no USP endotoxin limit applies to RUO products)*	**Maximum valid dilution**	*1:100*

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	*0.05*	*<0.5*	*EU/mL*	*PASS*
Positive product control recovery	*78*	*50-200*	*%*	*PASS*
Negative control	*Non-Detect*	*<0.005*	*EU/mL*	*PASS*
Standard curve / assay validity	*0.96*	*Correlation factor >0.94*	*R^2*	*PASS*

05 AUTHORIZATION | Review, decision rule and release

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

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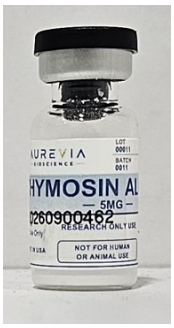
01 CLIENT & PRODUCT INFORMATION

Client organization	*Aurevia Bioscience*	**Client contact**	*support@aureviabio.com*
Product name	*Thymosin Alpha 1*	**Client lot / batch**	*00011/0011*
Label claim	*5 mg*	**Lab sample ID**	*20260900462*
Sample matrix	*Lyophilized*	**Quantity received**	*1*
Container / closure	*Clear vial/Black cap*	**Condition on receipt**	*Intact*
Date received	*07 Oct 2026*	**Testing period**	*07 Oct 26-09 Oct 26*
Storage condition	*Ambient*	**Route / intended use**	*RUO*

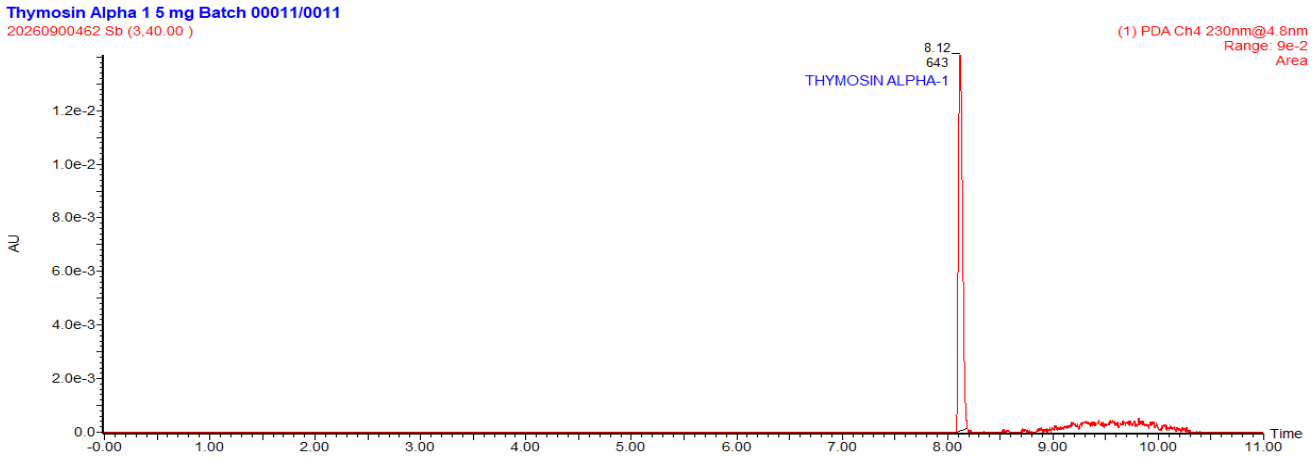
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Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity	*UPLC-UV*	*Acquity UPLC/PDA*	*99.72*	*% area*	*>99%*	*PASS*
Identification	*UPLC-MS*	*Waters Quattro Series*	*Conforms*	—	*Ionization profile match w/standard*	*PASS*
Net content	*Quantitative UPLC*	*Acquity UPLC/PDA*	*5.09 mg*	*mg/vial*	*±10%*	*PASS*

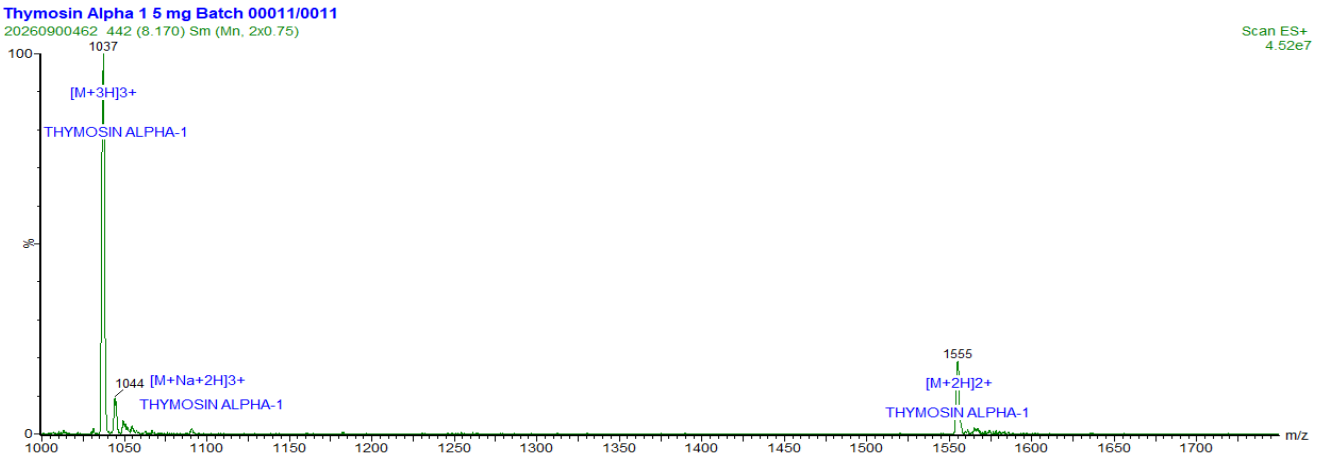
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Assay / reagent	*bioMerieux EndoZyme II*	**Standard**	*Kit-integrated*
Sample preparation	*Reconstitution in Endotoxin Free Water*	**Run / plate ID**	*EZII-20260900462*
Product limit	*0.5 EU/mL (AV Analytics applies 2x USP limit for H2O, no USP endotoxin limit applies to RUO products)*	**Maximum valid dilution**	*1:100*

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	*0.15*	*<0.5*	*EU/mL*	*PASS*
Positive product control recovery	*97*	*50-200*	*%*	*PASS*
Negative control	*Non-Detect*	*<0.005*	*EU/mL*	*PASS*
Standard curve / assay validity	*0.96*	*Correlation factor >0.94*	*R^2*	*PASS*

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