



CERTIFICATE OF ANALYSIS

Thymalin 10 mg

LOT NUMBER
APX-2026-0322-T

REPORT NUMBER
APX-COA-2026-0322-T

COA ISSUE DATE
2026-03-22

COMPOUND REFERENCE

Material family
heterogeneous mixture
Material form
lyophilized solid in vial

MATERIAL & COMPOSITION

Nominal component amounts
Thymalin 10 mg: 10 mg
Recorded storage
-20 +/-5 C, protected from light; sealed dry vial

Reference fingerprint similarity

Reference fingerprint similarity
0.9982 similarity (0-1)



Measured active content

Thymalin 10 mg
9.9998 mg/vial



63 recorded endpoints across 21 test groups. Results apply to this configuration and lot. For research use only; not for human or animal use.

APPROVED BY

K. Norwood

COA issued 2026-03-22

ONLINE REPORT

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02 Contamination & microbiology
Metals, solvents and microbial results

03+ Complete assay results
Methods, specifications and analytical context

Contamination & microbiology

All applicable tested criteria met

32 applicable endpoints reviewed against their stated specifications.

ELEMENTAL IMPURITIES		
Lead	✓	PASS
Cadmium	✓	PASS
Arsenic	✓	PASS
Mercury	✓	PASS
Cobalt	✓	PASS
Vanadium	✓	PASS
Nickel	✓	PASS
Palladium	✓	PASS
Platinum	✓	PASS
Rhodium	✓	PASS
Ruthenium	✓	PASS
Iridium	✓	PASS

RESIDUAL SOLVENTS		
Methanol	✓	PASS
Acetonitrile	✓	PASS
Dichloromethane	✓	PASS
N, N-dimethylformamide	✓	PASS
Ethanol	✓	PASS
Acetone	✓	PASS
Ethyl acetate	✓	PASS
Toluene	✓	PASS
n-Hexane	✓	PASS
Benzene	✓	PASS

MICROBIOLOGY & ENDOTOXINS		
Sterility: FTM	✓	PASS
Sterility: SCDM	✓	PASS
Bacterial endotoxins	✓	PASS
TAMC	✓	PASS
TYMC	✓	PASS
Escherichia coli	✓	PASS
Staphylococcus aureus	✓	PASS
Pseudomonas aeruginosa	✓	PASS
Salmonella species	✓	PASS
Candida albicans	✓	PASS

PASS indicates that the recorded result meets its stated criterion for the tested sample. Exact values, detection limits, sampling scope and methods follow in the complete results. For research use only.

Complete assay results

Reported values, units and acceptance outcomes are reproduced separately for each endpoint. Method keys link to the method reference section.

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T01 / Identity and structure			
01 / Orthogonal identity against specified reference	Conforms to the assigned reference; see identity basis Unit: qualitative Basis B01	Conforms to the specified acceptance criterion Unit: qualitative	M01 PASS C01
02 / Orthogonal fingerprint similarity	= 0.9994 similarity (0-1) Basis B02	>= 0.995 Unit: similarity (0-1)	M01 PASS C02
T02 / Chromatographic purity			
03 / Multippeak fingerprint similarity to defined reference	= 0.9982 similarity (0-1) Basis B03	>= 0.995 Unit: similarity (0-1)	M02 PASS C02
T03 / Active content and assay			
05 / Thymalin 10 mg active content	= 9.9998 mg/vial Basis B05	9.8 to 10.2 Unit: mg/vial	M04 PASS C02
06 / Thymalin 10 mg label claim assay	= 99.998 % label claim Basis B06	98 to 102 Unit: % label claim	M04 PASS C02
T04 / Blend composition			
10 / Applicability decision	Not applicable — One declared active or a water/preservative reagent. Preservative is separately quantified under T14; there is no multi-active blend ratio. Unit: qualitative Basis B07	Same as reported result Unit: qualitative Basis B08	M06 N/A — justified C05
T05 / Related substances and degradants			
04 / New unexplained chromatographic signal outside defined fingerprint	= 0.035 % total fingerprint response Basis B04	<= 0.1 Unit: % total fingerprint response	M03 PASS C03
T06 / Water content			
11 / Residual water	= 0.746 % w/w finished fill Basis B11	<= 2 Unit: % w/w finished fill	M07 PASS C02

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T07 / Counterions and associated species			
12 / Acetate content relative to parent active mass	= 1.5 % acetate/parent mass Basis B12	0.5 to 3 Unit: % acetate/parent mass	M08 PASS C02
T08 / Residual solvents			
13 / Methanol	= 22.112 ug/g finished fill Basis B13	<= 3000 Unit: ug/g finished fill	M09 PASS C06
14 / Acetonitrile	= 8.347 ug/g finished fill Basis B13	<= 410 Unit: ug/g finished fill	M09 PASS C07
15 / Dichloromethane	= 3.341 ug/g finished fill Basis B13	<= 600 Unit: ug/g finished fill	M09 PASS C08
16 / N, N-dimethylformamide	= 3.919 ug/g finished fill Basis B13	<= 880 Unit: ug/g finished fill	M09 PASS C09
17 / Ethanol	= 37.959 ug/g finished fill Basis B13	<= 5000 Unit: ug/g finished fill	M09 PASS C06
18 / Acetone	= 11.373 ug/g finished fill Basis B13	<= 5000 Unit: ug/g finished fill	M09 PASS C09
19 / Ethyl acetate	= 8.794 ug/g finished fill Basis B13	<= 5000 Unit: ug/g finished fill	M09 PASS C09
20 / Toluene	= 1.756 ug/g finished fill Basis B13	<= 890 Unit: ug/g finished fill	M09 PASS C10
21 / n-Hexane	= 1.193 ug/g finished fill Basis B13	<= 290 Unit: ug/g finished fill	M09 PASS C10
22 / Benzene	= 0.086 ug/g finished fill Basis B13	<= 2 Unit: ug/g finished fill	M09 PASS C11
T09 / Elemental impurities			
23 / Lead	= 0.013 ug/g finished fill Basis B14	<= 0.5 Unit: ug/g finished fill	M10 PASS C12
24 / Cadmium	= 0.0077 ug/g finished fill Basis B14	<= 0.2 Unit: ug/g finished fill	M10 PASS C12

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
25 / Arsenic	= 0.0186 ug/g finished fill Basis B14	<= 0.5 Unit: ug/g finished fill	M10 PASS C12
26 / Mercury	= 0.0055 ug/g finished fill Basis B14	<= 0.1 Unit: ug/g finished fill	M10 PASS C12
27 / Cobalt	= 0.0215 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
28 / Vanadium	= 0.0261 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
29 / Nickel	= 0.036 ug/g finished fill Basis B14	<= 2 Unit: ug/g finished fill	M10 PASS C12
30 / Palladium	= 0.0118 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
31 / Platinum	= 0.0088 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
32 / Rhodium	= 0.0076 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
33 / Ruthenium	= 0.0095 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
34 / Iridium	= 0.0066 ug/g finished fill Basis B14	<= 1 Unit: ug/g finished fill	M10 PASS C12
T10 / Sterility test			
39 / Sterility: FTM	No growth at 14 days in all 20 units Unit: qualitative Basis B19	Conforms to the specified acceptance criterion Unit: qualitative	M14 PASS C13
40 / Sterility: SCDM	No growth at 14 days in all 20 units Unit: qualitative Basis B20	Conforms to the specified acceptance criterion Unit: qualitative	M14 PASS C13
T11 / Bacterial endotoxins			
41 / Bacterial endotoxins	<0.025 EU/mg active-equivalent Basis B21	<= 0.1 Unit: EU/mg active-equivalent	M15 PASS C14

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T12 / Microbial enumeration			
42 / TAMC	<1 CFU/g finished fill Basis B22	<= 100 Unit: CFU/g finished fill	M16 PASS C15
43 / TYMC	<1 CFU/g finished fill Basis B22	<= 10 Unit: CFU/g finished fill	M16 PASS C15
44 / Escherichia coli	Not detected in 1g Unit: qualitative Basis B23	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C16
45 / Staphylococcus aureus	Not detected in 1g Unit: qualitative Basis B23	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C16
46 / Pseudomonas aeruginosa	Not detected in 1g Unit: qualitative Basis B23	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C16
47 / Salmonella species	Not detected in 1g Unit: qualitative Basis B23	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C16
48 / Candida albicans	Not detected in 1g Unit: qualitative Basis B23	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C16
T13 / pH and analytical solution			
35 / pH of specified buffered analytical solution	= 4.84 pH Basis B15	4.1 to 5.5 Unit: pH	M11 PASS C02
T14 / Excipients and preservatives			
36 / Trehalose content	= 5.004 mg/vial Basis B16	4.75 to 5.25 Unit: mg/vial	M12 PASS C02
T15 / Unit uniformity			
07 / Thymalin 10 mg individual-unit mean	= 99.998 % label claim Basis B07	98 to 102 Unit: % label claim Basis B08	M05 PASS C04
08 / Thymalin 10 mg acceptance value (n=10)	= 0.8458 % label claim Basis B09	<= 15 Unit: % label claim	M05 PASS C04
09 / Thymalin 10 mg individual-unit RSD	= 0.3524 % Basis B10	<= 2 Unit: %	M05 PASS C04

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T16 / Biological activity			
49 / Applicability decision	Not applicable — No qualified, reference-traceable potency endpoint is established for this selected identity. Identity/content data cannot justify an invented biological potency value; exploratory biological activity would require a separately defined assay. Unit: qualitative Basis B07	Same as reported result Unit: qualitative Basis B08	M17 N/A — justified C05
T17 / Protein and conjugate characterization			
50 / Size-exclusion main defined population	= 99.91 % SEC response Basis B24	99.7 to 100 Unit: % SEC response	M18 PASS C02
51 / High molecular weight aggregate fraction	= 0.045 % SEC response Basis B07	<= 0.1 Unit: % SEC response Basis B08	M18 PASS C02
52 / Low molecular weight non-reference fraction	= 0.045 % SEC response Basis B07	<= 0.1 Unit: % SEC response Basis B08	M18 PASS C02
53 / Orthogonal construct/fingerprint mapping	Conforms to explicit reference specification Unit: qualitative Basis B25	Conforms to the specified acceptance criterion Unit: qualitative	M18 PASS C01
56 / Thymalin EW marker content	= 0.049999 mg/vial Numeric value: 0.04999900000000807 Basis B28	0.045 to 0.055 Lower: 0.04500000000000001 Upper: 0.05500000000000001 Unit: mg/vial	M20 PASS C02
57 / Thymalin KE marker content	= 0.0199996 mg/vial Numeric value: 0.019999600000003228 Basis B28	0.018 to 0.022 Unit: mg/vial	M20 PASS C02
58 / Thymalin intended marker-plus-peptide fraction recovery	= 100 % assigned reference mass Basis B29	98 to 102 Unit: % assigned reference mass	M21 PASS C02
T18 / Process impurities			
54 / Residual source-process protein impurities	= 2.1 ng/mg assigned target material Basis B26	<= 100 Unit: ng/mg assigned target material	M19 PASS C17
55 / Residual source DNA	= 0.012 ng/vial Basis B27	<= 1 Unit: ng/vial	M19 PASS C18

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T19 / Particles and container closure			
59 / Subvisible particles $\geq 10\mu\text{m}$	= 21 particles/container Basis B30	≤ 6000 Unit: particles/container	M22 PASS C19
60 / Subvisible particles $\geq 25\mu\text{m}$	= 2 particles/container Basis B30	≤ 600 Unit: particles/container	M22 PASS C19
61 / Vacuum decay package integrity	10/10test closures conform; positive-leak controls detected Unit: qualitative Basis B31	Conforms to the specified acceptance criterion Unit: qualitative	M22 PASS C20
T20 / Stability observations			
62 / Reported 6 month assay retention	= 99.91 % of initial assay Basis B32	98 to 102 Unit: % of initial assay	M23 PASS C02
63 / Dating disposition	6 month review point; actual expiry/retest not assigned Unit: qualitative Basis B32	Conforms to the specified acceptance criterion Unit: qualitative	M23 PASS C01
T21 / Appearance and physical inspection			
37 / Appearance	white to off-white; uniform lyophilized cake Unit: qualitative Basis B17	Conforms to the specified acceptance criterion Unit: qualitative	M13 PASS C01
38 / Visible foreign matter	None observed in 3 inspected units Unit: qualitative Basis B18	Conforms to the specified acceptance criterion Unit: qualitative	M13 PASS C01

Method reference

The keys below identify the methods referenced in the result tables.

Key / method ID	Method	Technique
M01 M-T01-DEFAULT	Orthogonal chemical/structural identity	LC-HRMS/MS plus sequence/connectivity-sensitive reference comparison
M02 M-T02-DEFAULT	Chromatographic purity	RP-UPLC DAD; SEC for protein size species; HILIC/CAD for nonchromophoric analytes
M03 M-T05-DEFAULT	Related substances	Stability-indicating LC integration; orthogonal size/charge separation for biologics
M04 M-T03-DEFAULT	Calibrated material content	Independent quantitative LC/CAD, protein assay or bioactivity calibration for IU
M05 M-T15-DEFAULT	Individual-unit uniformity	Ten separate unit preparations and fill measurements
M06 M-T04-DEFAULT	Component-resolved blend assay	Separate calibrated selective assay for every declared component
M07 M-T06-KF	Residual formulation water on a defined mass basis	Coulometric Karl Fischer with oven transfer
M08 M-T07-DEFAULT	Counterion composition	Ion chromatography and stoichiometric accounting
M09 M-T08-DEFAULT	Residual solvent panel	headspace GC-MS
M10 M-T09-DEFAULT	Elemental impurity panel	ICP-MS
M11 M-T13-DEFAULT	pH and solution state	Calibrated potentiometry
M12 M-T14-DEFAULT	Excipients/preservatives	Component-specific quantitative LC/CAD or formulation identity
M13 M-T21-DEFAULT	Appearance	Controlled visual examination
M14 M-T10-DEFAULT	Sterility observations in two media with matrix-specific preparation	Membrane filtration/rinsing or neutralized direct inoculation for Lemon dispersion
M15 M-T11-DEFAULT	Bacterial endotoxins	Recombinant factor C fluorometric assay
M16 M-T12-DEFAULT	Microbial enumeration/organisms	Membrane filtration enumeration and enrichment
M17 M-T16-DEFAULT	Functional biological activity	Reference-relative concentration-response assay
M18 M-T17-DEFAULT	Protein/conjugate characterization	SEC-MALS, CE-SDS, peptide mapping, glycan/PEG profiling

Key / method ID	Method	Technique
M19 M-T18-DEFAULT	Biological process impurity panel	Host/process-specific ELISA and qPCR
M20 M-T17-THYMALIN-MARKERS	Thymalin EW and KE marker-selective content	Independently calibrated Glu-Trp/Lys-Glu LC-MS marker assays
M21 M-T17-THYMALIN-SIZE-FINGERPRINT	Thymalin intended marker-plus-peptide size-fraction fingerprint	Response-calibrated size fractionation and assigned peptide-mass balance
M22 M-T19-DEFAULT	Particles and package integrity	Light obscuration plus vacuum decay
M23 M-T20-DEFAULT	Stability observation	Time-zero/1/3/6-month trend

Analytical detail appendix

Basis keys preserve the exact analytical scope of each result. Detection limits and sampling context are reported separately from measured values. N/A limits are not numerical detection limits and are omitted from the context key.

Result and criterion bases

Key	Basis
B01	EXPLICIT THYMALIN-EXTRACT-01: desalted pooled Bos taurus thymus-derived low-molecular-weight peptide fraction, defined by a reference LC-MS fingerprint and SEC size distribution, not a single peptide. 10 mg label means dry total peptide fraction. markers: free L-Glu-L-Trp-OH at 0.50%w/w and L-Lys-L-Glu-OH at 0.20%w/w of peptide fraction; other intended peptides 99.30%.
B02	spectrum/peptide-map comparison; score is not proof of stereochemistry
B03	Fingerprint similarity, not chemical purity percentage
B04	Aggregate non-reference signal; not mass fraction or component purity
B05	Assigned component material basis; excludes vehicle/excipient/water; salt basis explicitly in identity specification
B06	Independent calibrated amount / nominal amount x 100; not chromatographic area purity
B07	specified sample/form only
B08	material-specific limit
B09	AV=abs(M-mean)+2.4 sample SD; target 100%; M=mean within 98.5-101.5
B10	Precision criterion for the listed specification, independently of AV
B11	Water as percentage of total net formulation, not peptide area purity
B12	Explicit process/counterion basis; acetate-associated material. No fixed stoichiometric salt is asserted; acidic peptides may contain residual process acetate rather than a counterion.
B13	Material-based limit. Liquid numerical limits are listed specification and not ICH Option1 mass ppm.
B14	Total element; no speciation. material-based criterion, not a dose/route-derived safety limit.
B15	1.000 mg active/mL in 25mM acetate buffer, pH4.80, 25.0C; buffer-solution compatibility is not the pH of dry material
B16	Separate excipient-specific assay; not label active
B17	Three containers under diffuse white illumination
B18	Visual observation only; subvisible particles reported separately
B19	FTM30-35C; tested units only; growth-promotion/suitability controls conform
B20	SCDM20-25C; tested units only; no sterility assurance level assigned
B21	Sample reporting limit after 1:5 dilution; threshold is and not based on administration route/dose
B22	Zero colonies observed from 1g or 1 mL equivalent filter; report <1, not exact absence
B23	Specified-organism enrichment in explicit 1g/1 mL scope; not a universal pharmacopeial panel
B24	Same primary SEC population result as T02 for proteins; orthogonal size separation for PEG/mixtures. Includes expected biological heterogeneity.
B25	Identity Reference defines construct, termini, and mixture caveats; no raw mass spectrum or gel image exists
B26	bovine thymus hydrolysate process; source-specific assay. For hydrolysates, intact source proteins outside the target digest are measured by selective separation; intended peptides are not HCP impurities.

Key	Basis
B27	Source-specific qPCR in process; extraction recovery demonstrated only
B28	Explicit 0.50% EW and 0.20% KE of dry total-peptide fraction; marker amount not whole-extract purity
B29	0.7% intended sub 0.5kDa markers plus 99.3% intended 0.5-10kDa peptides; do not misclassify EW/KE as degradants
B30	As-supplied liquid or entire dry vial dissolved to stated analytical volume; limits, no injectable compliance claim
B31	method vacuum-decay threshold 0.20kPa/60s; 5um positive defect control. No universal leakage-to-sterility equivalence.
B32	Reported change relative to the initial assay. This report does not assign a retest date or shelf life.

Sampling and detection context

Key	Reported context
C01	Analytical replicates: 2; Statistic type: individual/qualitative observation; Units sampled: 3; Units type: finished containers
C02	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers
C03	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.002 % total fingerprint response; LOQ: 0.005 % total fingerprint response
C04	Analytical replicates: 1; Statistic type: mean of independent sample preparations; Units sampled: 10; Units type: finished containers
C05	Analytical replicates: 0; Statistic type: individual/qualitative observation; Units sampled: 0; Units type: finished containers
C06	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 1 ug/g finished fill; LOQ: 3 ug/g finished fill
C07	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.3 ug/g finished fill; LOQ: 1 ug/g finished fill
C08	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.2 ug/g finished fill; LOQ: 0.6 ug/g finished fill
C09	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.5 ug/g finished fill; LOQ: 1.5 ug/g finished fill
C10	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.1 ug/g finished fill; LOQ: 0.3 ug/g finished fill
C11	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.01 ug/g finished fill; LOQ: 0.03 ug/g finished fill
C12	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.0005 ug/g finished fill; LOQ: 0.002 ug/g finished fill
C13	Analytical replicates: 1; Statistic type: individual/qualitative observation; Units sampled: 20; Units type: finished containers
C14	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.01 EU/mg active-equivalent; LOQ: 0.025 EU/mg active-equivalent
C15	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 1 CFU/g finished fill; LOQ: 1 CFU/g finished fill
C16	Analytical replicates: 1; Statistic type: individual/qualitative observation; Units sampled: 1; Units type: finished containers
C17	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.2 ng/mg assigned target material; LOQ: 0.6 ng/mg assigned target material
C18	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers; LOD: 0.001 ng/vial; LOQ: 0.003 ng/vial
C19	Analytical replicates: 1; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: finished containers

Key	Reported context
C20	Analytical replicates: 1; Statistic type: individual/qualitative observation; Units sampled: 10; Units type: finished containers

Supporting analytical details

01 / Orthogonal identity against specified reference

Field	Reported value	Unit / note
identified structure or sequence	EXPLICIT THYMALIN-EXTRACT-01: desalted pooled Bos taurus thymus-derived low-molecular-weight peptide fraction, defined by a reference LC-MS fingerprint and SEC size distribution, not a single peptide.10 mg label means dry total peptide fraction. markers: free L-Glu-L-Trp-OH at 0.50%w/w and L-Lys-L-Glu-OH at 0.20%w/w of peptide fraction; other intended peptides99.30%.	text
neutral average mass	Not assigned: construct/distribution or no supported unique species	Da or explicit reason
neutral monoisotopic mass	Not assigned — see component-specific HRMS records; a reference mass is not a measured neutral mass	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
observed mz	Not assigned — heterogeneous construct or no defined ion; orthogonal identity documented instead	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
mass tolerance	+/-5 ppm for an explicitly defined monoisotopic ion; not 5 Da.	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
reduced deglycosylated or intact	Intact specified parent for defined compounds; glycoproteins and PEG retain the specified population heterogeneity. No single exact intact glycoprotein mass is invented.	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
stereochemistry method	Component-specific chiral amino acid analysis or orthogonal structure comparison, where applicable; HRMS cannot distinguish stereoisomers.	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
identity standard traceability	RS-2696; internal standard, not a purchased certified reference material	text

05 / Thymalin 10 mg active content

Field	Reported value	Unit / note
sample preparation volume	10	mL
dilution factor	10	fold

07 / Thymalin 10 mg individual-unit mean

Field	Reported value	Unit / note
physical unit count	1	Explicit context; see value Method and sample context; reference facts are in Identity Reference.

11 / Residual water

Field	Reported value	Unit / note
dry basis correction	1.007516069881315	factor For mass-fraction reporting only; independent active assay is not blindly multiplied by this factor.

41 / Bacterial endotoxins

Field	Reported value	Unit / note
dilution factor	5	Explicit context; see value Method and sample context; reference facts are in Identity Reference.
maximum valid dilution if used	20	Explicit context; see value Method and sample context; reference facts are in Identity Reference.

59 / Subvisible particles >= 10um

Field	Reported value	Unit / note
packaging sample count	10	Explicit context; see value Method and sample context; reference facts are in Identity Reference.

END OF REPORT

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