



CERTIFICATE OF ANALYSIS

SLU-PP-332 Caps (100pcs)

LOT NUMBER
APX-2026-0708-S

REPORT NUMBER
APX-COA-2026-0708-S

COA ISSUE DATE
2026-07-08

COMPOUND REFERENCE

Material family
small molecule or cofactor

Reference formula
 $C_{18}H_{14}N_2O_2$

Average mass
290.3 Da

Monoisotopic mass
290.105527694 Da

RECORDED IDENTITY

Observed ion
291.112473 m/z

Ion assignment
[M+1H]⁺ | charge 1

Sequence / construct
See complete identity results

Recorded storage
2-8 C, protected from light

Formula and neutral masses describe the stated reference species. Counterions, solvates, formulation and measured ions retain their own reporting basis.

RECORDED RESULTS

SLU-PP-332 (E)

Purity

% integrated detector area

99.903%

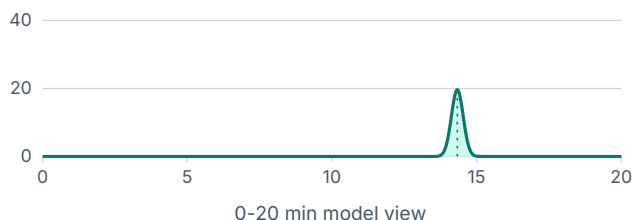
Active content

0.50135 mg/capsule

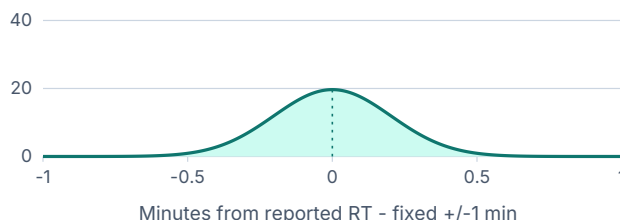
ESTIMATED PEAK PROFILE

Reported RT: 14.331 min

Modeled area density (10⁶ counts/min)



Reported integrated area: 9,990,300 counts



Gaussian model; N = 5,000 assumed. Width and height estimated; not detector measurements.

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 2026-07-08

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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

29 applicable endpoints reviewed against their stated specifications. 2 scope decisions are marked N/A below.

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		N/A
Bacterial endotoxins		N/A
TAMC	✓	PASS
TYMC	✓	PASS
Escherichia coli	✓	PASS
Staphylococcus aureus	✓	PASS
Pseudomonas aeruginosa	✓	PASS
Salmonella species	✓	PASS
Candida albicans	✓	PASS

N/A: sterility and endotoxin specifications are not assigned to this nonsterile capsule configuration. Microbial limits are reported separately; N/A is not a passing test.

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
03 / SLU-PP-332 (E) HRMS ion mass error	= -1.1376 ppm Basis B03	-5 to 5 Unit: ppm	M01 PASS C02
56 / SLU-PP-332 1H diagnostic NMR maximum shift deviation	= 0.004 ppm Basis B22	<= 0.05 Unit: ppm	M20 PASS C02
57 / SLU-PP-332 13C diagnostic NMR maximum shift deviation	= 0.015 ppm Basis B22	<= 0.2 Unit: ppm	M20 PASS C02
58 / SLU-PP-332 E/Z reference challenge resolution	= 3.75 Rs Basis B23	>= 1.5 Unit: Rs	M21 PASS C02
T02 / Chromatographic purity			
04 / SLU-PP-332 (E) chromatographic purity	= 99.903 % integrated detector area Basis B04	99.7 to 100 Unit: % integrated detector area	M02 PASS C02
T03 / Active content and assay			
09 / SLU-PP-332 (E) active content	= 0.50135 mg/capsule Basis B07	0.49 to 0.51 Unit: mg/capsule	M04 PASS C02
10 / SLU-PP-332 (E) label claim assay	= 100.27 % label claim Basis B08	98 to 102 Unit: % label claim	M04 PASS C02
T04 / Blend composition			
14 / 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 B09	Same as reported result Unit: qualitative Basis B10	M06 N/A — justified C05

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T05 / Related substances and degradants			
05 / SLU-PP-332 (E) Unknown U1	= 0.049 % integrated detector area Basis B05	<= 0.1 Unit: % integrated detector area	M03 PASS C03
06 / SLU-PP-332 (E) Unknown U2	= 0.029 % integrated detector area Basis B05	<= 0.1 Unit: % integrated detector area	M03 PASS C03
07 / SLU-PP-332 (E) Unknown U3	= 0.019 % integrated detector area Basis B05	<= 0.1 Unit: % integrated detector area	M03 PASS C03
08 / SLU-PP-332 (E) total related peaks	= 0.097 % integrated detector area Basis B06	<= 0.3 Unit: % integrated detector area	M03 PASS C02
59 / SLU-PP-332 resolved Z hydrazone	= 0.025 % response-corrected isomer area Basis B24	<= 0.1 Unit: % response-corrected isomer area	M22 PASS C02
T06 / Water content			
16 / Residual water	= 0.723 % w/w finished fill Basis B14	<= 2 Unit: % w/w finished fill	M07 PASS C02
T07 / Counterions and associated species			
17 / Applicability decision	Not applicable — No fixed counterion salt is assigned in this formulation; vehicle ions and intentional metal complexes are treated by their component specifications. Unit: qualitative Basis B09	Same as reported result Unit: qualitative Basis B10	M08 N/A — justified C05
T08 / Residual solvents			
18 / Methanol	= 21.088 ug/g finished fill Basis B15	<= 3000 Unit: ug/g finished fill	M09 PASS C07
19 / Acetonitrile	= 7.927 ug/g finished fill Basis B15	<= 410 Unit: ug/g finished fill	M09 PASS C08
20 / Dichloromethane	= 3.257 ug/g finished fill Basis B15	<= 600 Unit: ug/g finished fill	M09 PASS C09
21 / N, N-dimethylformamide	= 4.02 ug/g finished fill Basis B15	<= 880 Unit: ug/g finished fill	M09 PASS C10

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
22 / Ethanol	= 40.388 ug/g finished fill Basis B15	<= 5000 Unit: ug/g finished fill	M09 PASS C07
23 / Acetone	= 11.413 ug/g finished fill Basis B15	<= 5000 Unit: ug/g finished fill	M09 PASS C10
24 / Ethyl acetate	= 9.871 ug/g finished fill Basis B15	<= 5000 Unit: ug/g finished fill	M09 PASS C10
25 / Toluene	= 1.705 ug/g finished fill Basis B15	<= 890 Unit: ug/g finished fill	M09 PASS C11
26 / n-Hexane	= 1.002 ug/g finished fill Basis B15	<= 290 Unit: ug/g finished fill	M09 PASS C11
27 / Benzene	= 0.086 ug/g finished fill Basis B15	<= 2 Unit: ug/g finished fill	M09 PASS C12
T09 / Elemental impurities			
28 / Lead	= 0.0113 ug/g finished fill Basis B16	<= 0.5 Unit: ug/g finished fill	M10 PASS C13
29 / Cadmium	= 0.008 ug/g finished fill Basis B16	<= 0.2 Unit: ug/g finished fill	M10 PASS C13
30 / Arsenic	= 0.0164 ug/g finished fill Basis B16	<= 0.5 Unit: ug/g finished fill	M10 PASS C13
31 / Mercury	= 0.0057 ug/g finished fill Basis B16	<= 0.1 Unit: ug/g finished fill	M10 PASS C13
32 / Cobalt	= 0.0216 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
33 / Vanadium	= 0.0252 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
34 / Nickel	= 0.0336 ug/g finished fill Basis B16	<= 2 Unit: ug/g finished fill	M10 PASS C13
35 / Palladium	= 0.0107 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
36 / Platinum	= 0.0093 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
37 / Rhodium	= 0.0076 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
38 / Ruthenium	= 0.0096 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
39 / Iridium	= 0.0062 ug/g finished fill Basis B16	<= 1 Unit: ug/g finished fill	M10 PASS C13
T10 / Sterility test			
44 / Applicability decision	Not applicable — capsules are nonsterile solids. Microbial limits are appropriate; reporting a passing sterility test would imply an unassigned sterile product specification. Unit: qualitative Basis B09	Same as reported result Unit: qualitative Basis B10	M14 N/A — justified C05
T11 / Bacterial endotoxins			
45 / Applicability decision	Not applicable — No endotoxin-controlled intended use or specification is assigned to the nonsterile capsule . Microbial counts cannot be substituted for endotoxin testing. Unit: qualitative Basis B09	Not applicable — No endotoxin-controlled intended use or specification is assigned to the nonsterile capsule scenario. Microbial counts cannot be substituted for endotoxin testing. Unit: qualitative Basis B10	M15 N/A — justified C05
T12 / Microbial enumeration			
46 / TAMC	<1 CFU/g finished fill Basis B20	<= 100 Unit: CFU/g finished fill	M16 PASS C14
47 / TYMC	<1 CFU/g finished fill Basis B20	<= 10 Unit: CFU/g finished fill	M16 PASS C14
48 / Escherichia coli	Not detected in 1g Unit: qualitative Basis B21	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C15
49 / Staphylococcus aureus	Not detected in 1g Unit: qualitative Basis B21	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C15

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
50 / Pseudomonas aeruginosa	Not detected in 1g Unit: qualitative Basis B21	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C15
51 / Salmonella species	Not detected in 1g Unit: qualitative Basis B21	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C15
52 / Candida albicans	Not detected in 1g Unit: qualitative Basis B21	Conforms to the specified acceptance criterion Unit: qualitative	M16 PASS C15
T13 / pH and analytical solution			
40 / Applicability decision	Not applicable — No validated aqueous solution pH specification for this capsule/poorly aqueous-soluble material. Extraction conditions for identity/assay are separately specified; no pH value is invented for dry powder. Unit: qualitative Basis B09	Same as reported result Unit: qualitative Basis B10	M11 N/A — justified C05
T14 / Excipients and preservatives			
41 / Microcrystalline cellulose content	= 198.212 mg/capsule Numeric value: 198.21244 Basis B17	188.151 to 207.957 Lower: 188.1513 Upper: 207.9567 Unit: mg/capsule	M12 PASS C02
T15 / Unit uniformity			
11 / SLU-PP-332 (E) individual-unit mean	= 100.27 % label claim Basis B09	98 to 102 Unit: % label claim Basis B10	M05 PASS C04
12 / SLU-PP-332 (E) acceptance value (n=10)	= 0.8458 % label claim Basis B11	<= 15 Unit: % label claim	M05 PASS C04
13 / SLU-PP-332 (E) individual-unit RSD	= 0.3515 % Basis B12	<= 2 Unit: %	M05 PASS C04
15 / Physical capsule count	= 100 capsules/bottle Basis B13	100 to 100 Unit: capsules/bottle	M05 PASS C06

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T16 / Biological activity			
53 / 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 B09	Same as reported result Unit: qualitative Basis B10	M17 N/A — justified C05
T17 / Protein and conjugate characterization			
54 / Applicability decision	Not applicable — No recombinant protein, polymer conjugate or complex mixture for this material. Defined synthetic peptide identity is characterized under T01; GHK copper speciation, when relevant, is explicit. Unit: qualitative Basis B09	Same as reported result Unit: qualitative Basis B10	M18 N/A — justified C05
T18 / Process impurities			
55 / Applicability decision	Not applicable — chemical synthesis without cell/tissue manufacturing inputs; HCP, host DNA and Protein A are not relevant. Chemical process impurities are covered under T05/T08/T09. Unit: qualitative Basis B09	Same as reported result Unit: qualitative Basis B10	M19 N/A — justified C05
T19 / Particles and container closure			
60 / Container closure and visible package condition	No damage; closure and seal conform in 10 packages Unit: qualitative Basis B25	Conforms to the specified acceptance criterion Unit: qualitative	M23 PASS C16
T20 / Stability observations			
61 / Reported 6 month assay retention	= 99.9102 % of initial assay Basis B26	98 to 102 Unit: % of initial assay	M24 PASS C02
62 / Reported 6 month minimum component purity	= 99.861 % integrated detector area Basis B27	99.7 to 100 Unit: % integrated detector area	M24 PASS C02
63 / Dating disposition	6 month review point; actual expiry/retest not assigned Unit: qualitative Basis B26	Conforms to the specified acceptance criterion Unit: qualitative	M24 PASS C01

Endpoint	Reported result / basis	Acceptance criterion	Method / outcome
T21 / Appearance and physical inspection			
42 / Appearance	white to off-white; uniform intact capsule Unit: qualitative Basis B18	Conforms to the specified acceptance criterion Unit: qualitative	M13 PASS C01
43 / Visible foreign matter	None observed in 3 inspected units Unit: qualitative Basis B19	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-RP-UPLC-DAD	Component-specific reversed-phase chromatographic response purity	RP-UPLC with diode-array detection
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-T01-SLU-NMR	SLU-PP-332 diagnostic proton/carbon NMR identity comparison	Reference-matched ¹ H and ¹³ C solution NMR
M21 M-T01-SLU-E-Z	SLU-PP-332 E/Z hydrazone reference discrimination	Compound-specific isomer-resolving LC with qualified E/Z references
M22 M-T05-SLU-E-Z	SLU-PP-332 resolved Z-hydrazone impurity	E/Z-selective reference-calibrated LC impurity quantitation
M23 M-T19-DEFAULT	Particles and package integrity	Light obscuration plus vacuum decay
M24 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	SLU-PP-332: (E)-4-hydroxy-N-prime-(naphthalen-2-ylmethylene)benzohydrazide; free neutral compound, no intentional salt, E hydrazone configuration. Capsule configuration:0.500 mg active per capsule; microcrystalline cellulose q.s. to200.000 mg net fill;60.000 mg HPMC shell;100capsules per bottle. dry neutral active; shell is excluded from fill-weight and parent-content calculations.
B02	spectrum/peptide-map comparison; score is not proof of stereochemistry
B03	[M+1H] ⁺ ; reference monoisotopic M=290.105527694 Da; molecule excludes associated salt/solvate
B04	Single analyte method scope; intended blend co-components and excipients excluded by analyte-specific selectivity, not denominator manipulation
B05	Same analyte-specific chromatogram as T02; response factor assumed 1.00 for unknowns; area only
B06	Sum of U1+U2+U3; purity plus related areas = 100%
B07	Assigned component material basis; excludes vehicle/excipient/water; salt basis explicitly in identity specification
B08	Independent calibrated amount / nominal amount x 100; not chromatographic area purity
B09	specified sample/form only
B10	material-specific limit
B11	AV=abs(M-mean)+2.4 sample SD; target 100%; M=mean within 98.5-101.5
B12	Precision criterion for the listed specification, independently of AV
B13	three-bottle count inspection
B14	Water as percentage of total net formulation, not peptide area purity
B15	Material-based limit. Liquid numerical limits are listed specification and not ICH Option1 mass ppm.
B16	Total element; no speciation. material-based criterion, not a dose/route-derived safety limit.
B17	Separate excipient-specific assay; not label active
B18	Three containers under diffuse white illumination
B19	Visual observation only; subvisible particles reported separately
B20	Zero colonies observed from1g or1 mL equivalent filter; report <1, not exact absence
B21	Specified-organism enrichment in explicit1g/1 mL scope; not a universal pharmacopeial panel
B22	Selected primary-paper E-compound reference peaks; observed shifts. Match is corroborative, not independent proof of E geometry.
B23	$2 \cdot (11.10 - 10.20) / (.24 + .24)$; E identity established by reference coanalysis and primary-paper NMR comparison
B24	Orthogonal E/Z-selective method; do not add these percentages again to the independent generic impurity chromatogram
B25	Nonsterile capsule bottle or intentional dispersion; light-obscurate particulate numbers inappropriate for these matrices
B26	Reported change relative to the initial assay. This report does not assign a retest date or shelf life.

Key	Basis
B27	Separate endpoint; no shelf-life claim

Sampling and detection context

Key	Reported context
C01	Analytical replicates: 2; Statistic type: individual/qualitative observation; Units sampled: 3; Units type: capsules
C02	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules
C03	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.002 % integrated detector area; LOQ: 0.005 % integrated detector area
C04	Analytical replicates: 1; Statistic type: mean of independent sample preparations; Units sampled: 10; Units type: capsules
C05	Analytical replicates: 0; Statistic type: individual/qualitative observation; Units sampled: 0; Units type: capsules
C06	Analytical replicates: 1; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules
C07	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 1 ug/g finished fill; LOQ: 3 ug/g finished fill
C08	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.3 ug/g finished fill; LOQ: 1 ug/g finished fill
C09	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.2 ug/g finished fill; LOQ: 0.6 ug/g finished fill
C10	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.5 ug/g finished fill; LOQ: 1.5 ug/g finished fill
C11	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.1 ug/g finished fill; LOQ: 0.3 ug/g finished fill
C12	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.01 ug/g finished fill; LOQ: 0.03 ug/g finished fill
C13	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 0.0005 ug/g finished fill; LOQ: 0.002 ug/g finished fill
C14	Analytical replicates: 2; Statistic type: mean of independent sample preparations; Units sampled: 3; Units type: capsules; LOD: 1 CFU/g finished fill; LOQ: 1 CFU/g finished fill
C15	Analytical replicates: 1; Statistic type: individual/qualitative observation; Units sampled: 1; Units type: capsules
C16	Analytical replicates: 1; Statistic type: individual/qualitative observation; Units sampled: 10; Units type: capsules

Supporting analytical details

01 / Orthogonal identity against specified reference

Field	Reported value	Unit / note
identified structure or sequence	SLU-PP-332: (E)-4-hydroxy-N-prime-(naphthalen-2-ylmethylene)benzohydrazide; free neutral compound, no intentional salt, E hydrazone configuration. Capsule configuration:0.500 mg active per capsule; microcrystalline cellulose q.s. to200.000 mg net fill;60.000 mg HPMC shell;100capsules per bottle. dry neutral active; shell is excluded from fill-weight and parent-content calculations.	text
neutral average mass	290.3	Da or explicit reason
neutral monoisotopic mass	290.105527694	Da Reference, not measured neutral mass
observed mz	291.112473	m/z
charge state	1	integer
adduct	[M+1H] ⁺	text
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-2721; internal standard, not a purchased certified reference material	text

04 / SLU-PP-332 (E) chromatographic purity

Field	Reported value	Unit / note
main peak retention time	14.331	min
main peak area	9990300	counts
total integrated area	10000000	counts

09 / SLU-PP-332 (E) active content

Field	Reported value	Unit / note
sample preparation volume	1	mL
dilution factor	5	fold

11 / SLU-PP-332 (E) individual-unit mean

Field	Reported value	Unit / note
physical unit count	100	Explicit context; see value Method and sample context; reference facts are in Identity Reference.

16 / Residual water

Field	Reported value	Unit / note
dry basis correction	1.007282653585422	factor For mass-fraction reporting only; independent active assay is not blindly multiplied by this factor.

60 / Container closure and visible package condition

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

Apex Laboratory | APX-COA-2026-0708-S | APX-2026-0708-S