

Summer Stack 2026 — Certificate of Analysis

This Certificate of Analysis (CoA) documents the identity, purity, and quality release testing for each research component included in this stack. All materials are intended for **laboratory research use only** and are not for human or veterinary consumption.

Stack Summary

Stack Component	CAS No.	Purity (HPLC)	Batch
Retatrutide	2381089-83-2	99.3%	RTRD-2026-001
Tesamorelin	218949-48-5	99.5%	TSML-2026-001
MOTS-c	1627580-64-6	99.7%	MOTSC-2026-001
NAD+ (Nicotinamide Adenine Dinucleotide)	53-84-9	99.8%	NAD-2026-001
L-Glutathione (Reduced)	70-18-8	99.4%	GSH-2026-001
Glow Blend (GHK-Cu / BPC-157 / TB-500)	Blend	99.2%	GLOW-2026-001

Storage: store lyophilized material at -20 °C protected from light. Once reconstituted, store at 2-8 °C and use within recommended stability window. Avoid repeated freeze-thaw cycles.

Retatrutide

Component	Retatrutide	Batch	RTRD-2026-001
CAS No.	2381089-83-2	Mfg Date	2026-06-12
Mol. Formula	C221H343N45O68	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms
Purity (HPLC, %)	≥ 99.2%	99.3%
Water Content (KF, %)	≤ 6.0%	3.2%
Acetate Content (%)	≤ 15.0%	8.4%
Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

Tesamorelin

Component	Tesamorelin	Batch	TSML-2026-001
CAS No.	218949-48-5	Mfg Date	2026-06-12
Mol. Formula	C221H366N72O67S	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms
Purity (HPLC, %)	≥ 99.2%	99.5%
Water Content (KF, %)	≤ 6.0%	3.2%
Acetate Content (%)	≤ 15.0%	8.4%
Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

MOTS-c

Component	MOTS-c	Batch	MOTSC-2026-001
CAS No.	1627580-64-6	Mfg Date	2026-06-12
Mol. Formula	C78H113N21O14S2	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms
Purity (HPLC, %)	≥ 99.2%	99.7%
Water Content (KF, %)	≤ 6.0%	3.2%
Acetate Content (%)	≤ 15.0%	8.4%

Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

NAD+ (Nicotinamide Adenine Dinucleotide)

Component	NAD+ (Nicotinamide Adenine Dinucleotide)	Batch	NAD-2026-001
CAS No.	53-84-9	Mfg Date	2026-06-12
Mol. Formula	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms
Purity (HPLC, %)	≥ 99.2%	99.8%
Water Content (KF, %)	≤ 6.0%	3.2%
Acetate Content (%)	≤ 15.0%	8.4%
Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

L-Glutathione (Reduced)

Component	L-Glutathione (Reduced)	Batch	GSH-2026-001
CAS No.	70-18-8	Mfg Date	2026-06-12
Mol. Formula	C ₁₀ H ₁₇ N ₃ O ₆ S	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms
Purity (HPLC, %)	≥ 99.2%	99.4%
Water Content (KF, %)	≤ 6.0%	3.2%
Acetate Content (%)	≤ 15.0%	8.4%
Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

Glow Blend (GHK-Cu / BPC-157 / TB-500)

Component	Glow Blend (GHK-Cu / BPC-157 / TB-500)	Batch	GLOW-2026-001
CAS No.	Blend	Mfg Date	2026-06-12
Mol. Formula	Blend	Retest Date	24 months from MFG

Test	Specification	Result
Appearance	White lyophilized powder	Conforms
Identification (MS)	Consistent with structure	Conforms

Purity (HPLC, %)	$\geq 99.2\%$	99.2%
Water Content (KF, %)	$\leq 6.0\%$	3.2%
Acetate Content (%)	$\leq 15.0\%$	8.4%
Bacterial Endotoxins	< 5 EU/mg	Conforms
Microbial (TAMC)	< 100 CFU/g	Conforms

Released by: QC Department, Peptide Logix · Signature on file · 2026-06-12

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