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Certification of Analysis

INCI Name	Nonapeptide-1		
CAS. No.	158563-45-2	Batch No.	YSN231201
Molecular Formula	$C_{61}H_{87}N_{15}O_9S$	Molecular Weight	1206.52
Cat. No	QT-1010	Manufacturing Date	12/04/2025
Storage	2 - 8°C	Retest Date	12/04/2027
Sequence	H-Met-Pro-D-Phe-D-Trp-Phe-Lys-Pro-Val-NH ₂		
TEST		SPECIFICATION	RESULT
Appearance		White or off-white hygroscopic powder	Conformed
Identity by HPLC		The retention is same as the reference substance	Confirmed
Identity by MS		1206.52 ± 1	1205.80
Solubility		Soluble in water, ≥2mg/ml	Conformed
Peptide Purity (By HPLC)		≥ 98.0%	98.99%
Acetic Acid content (By HPLC)		≤ 150%	10.46%
Water Content (Karl Fischer)		≤ 8.0%	0.86%
Conclusion: The test results meet the required specifications, and the item is qualified.			

Storage Recommendation:

- Short-Term Storage: Store at 2–8°C in a cool, dry place.
- Long-Term Storage: Store at -20°C to -15°C.
- General Conditions: Protect from light and keep the packaging airtight when not in use.

Tested By Jane Merrill, Checked By Ashley Bennet, Audited By Liu Jing

Qualitide Quality Control Department Date: 2026-03-21