

Certificate of Analysis (COA)

Product Name: Tesamorelin Acetate

Lot No.: 3132064

Sequence: Tyr- Ala- Asp- Ala- Ile- Phe- Thr- Asn- Ser- Tyr- Arg- Lys- Val- Leu- Gly- Gln- Leu- Ser- Ala- Arg- Lys- Leu- Leu- Gln- Asp- Ile- Met- Ser- Arg- Gln- Gln- Gly- Glu- Ser- Asn- Gln- Glu- Arg- Gly- Ala- Arg- Ala- Arg- Leu- NH₂

Modifications: C-terminal amide

Storage Conditions: -20°C

Report Date: 05 May 2026

Test Results

Test Item	Specification	Result
Appearance	White to off-white lyophilized powder	Conforms
Molecular Weight (MS)	5135.9 ±1.0 Da	5136.8 Da
Purity (HPLC)	>98%	99.5%
Retention Time (HPLC)	+0.2 min of standard	Conforms
Assay	95.0–105.0%	99.3%
Solubility	Freely soluble in water	Conforms
Acetic Acid Content	≤ 5000 ppm	1050 ppm
TFA Content	≤ 50 ppm	9 ppm
DCM Content	≤ 50 ppm	N.D.
DMF Content	≤ 100 ppm	N.D.
Total Aerobic Count	≤100 CFU/g	<10 CFU/g
Yeast & Molds Count	≤10 CFU/g	<10 CFU/g
Endotoxins	≤0.5 EU/mg	<0.05 EU/mg