

CERTIFICATE OF ANALYSIS

Tesamorelin

Batch AL-TSA-2503-008 · 10 mg / vial · Lyophilized for subcutaneous reconstitution

Product Identification

PRODUCT NAME	Tesamorelin
SYNONYM	Tesa
CAS NUMBER	218949-48-5
MOLECULAR WEIGHT	5135.85 g/mol
SEQUENCE / COMPOSITION	trans-3-hexenoyl-Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-...
STORAGE	−20 °C, protected from light
MANUFACTURE DATE	12 March 2025
RETEST DATE	12 March 2027

Analytical Results

Test	Specification	Result	Method	✓
Appearance	White / off-white lyophilized powder	White lyophilized powder	Visual	✓
Identity (HPLC-MS)	Conforms to reference	Conforms	USP <621>	✓
Purity (HPLC)	≥ 98.0%	99.41%	RP-HPLC 220nm	✓
Water content	≤ 6.0%	2.8%	Karl Fischer	✓
Acetate content	≤ 12.0%	8.4%	Ion chromatography	✓
Bacterial endotoxin	≤ 1.0 EU/mg	<0.5 EU/mg	LAL gel-clot	✓

Test	Specification	Result	Method	✓
Microbial limit	≤ 100 CFU/g	< 10 CFU/g	USP <61>	✓
Heavy metals	≤ 10 ppm	< 2 ppm	ICP-MS	✓

Quality Statement

The above-referenced batch has been manufactured, tested and released in accordance with Amino Labs internal quality system and ISO 9001:2015 guidelines. Independent verification performed by a third-party ISO/IEC 17025 accredited laboratory. All results meet or exceed published specifications. This material is intended for laboratory research use only.

Released by
Dr. M. Hartwell, QA Director
Amino Labs · Quality Assurance

Verified by
Veritas Analytical Labs (ISO 17025)
Independent third-party

COA #
AL-TSA-2503-008
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