

COMPOUND

Sermorelin

5mg · C149H246N44O42S

ASSAY RESULT — PURITY

99.0%

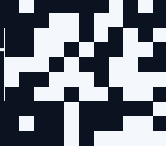
Spec ≥ 99.0%

PRODUCT SPECIFICATIONS

CAS NUMBER	MOLECULAR FORMULA
86168-78-7	C149H246N44O42S
MOLECULAR WEIGHT	APPEARANCE
3357.9 g/mol	White lyophilized powder
SOLUBILITY	STORAGE
Bacteriostatic water	Store at -20°C

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Purity	HPLC-MS	≥ 99.0%	99.0%	PASS
Identity	HPLC-MS	Conforms to ref.	Conforms	PASS
Mass (M+H)	ESI-MS	3357.9 g/mol	3357.9 g/mol	PASS
Water content	Karl Fischer	≤ 6.0%	3.1%	PASS
Acetate content	HPLC	≤ 12.0%	5.4%	PASS
Bacterial endotoxin	LAL	< 10 EU/mg	< 1 EU/mg	PASS
Appearance	Visual	Lyo. solid	White lyo. powder	PASS

TESTING LABORATORY	ANALYSIS DATE	RELEASE DATE	REPORT NUMBER	
Janoshik Analytical	2025-02-08	2025-02-08	REV-SRM-2401	
Dr. M. Halek, PhD AUTHORIZED SIGNATORY · Quality Assurance				