

Certificate of Analysis

HPLC-verified · documented per batch

PRODUCT NAME	Tesamorelin
CAS NO.	218949-48-5
MOLECULAR FORMULA	$C_{221}H_{366}N_{72}O_{67}S$
SALT TYPE	Acetate
LOT NO.	P242294
QUANTITY	110 g
REPORT DATE	26 Jan 2026
RETEST DATE	25 Jan 2028
STORAGE	Store at 2–8°C.

ITEM	SPECIFICATION	RESULT
Appearance / colour	White powder	Conforms
Solubility	Soluble in water ≥ 5 mg/ml	Conforms
Peptide content	$\geq 80.0\%$	92.7%
Water content	$\leq 10.0\%$	6.73%
Peptide purity (by HPLC)	$\geq 98.0\%$	99.7%
Related substance (by HPLC)	Total impurities $\leq 1.0\%$	0.3%
	Maximum single impurity $\leq 0.5\%$	0.3%
	Methanol ≤ 300 ppm	Conforms
Residual solvent	Isopropanol ≤ 500 ppm	Conforms
	Acetonitrile ≤ 410 ppm	Conforms
	Methylene chloride ≤ 600 ppm	Conforms
Acetic acid	$\leq 10.0\%$	5.96%
Bacterial endotoxins	< 5 EU/mg	Conforms
Identification (by MS)	Consistent with reference mass	Conforms

CONCLUSION	The product tested conforms with the in-house standard.
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Q.C.

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Q.C. Manager

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