



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SERMORELIN**

TEST	SPECIFICATION
APPERANCE	WHITE OR OFF-WHITE POWDER
MASS SPECTRAL ANALYSIS	EXHIBITS CORRECT MOLECULAR ION( $\pm 2$ MASS UNITS)
SOLUBILITY	SOLUBLE IN WATER AND MOST AQUEOUS BUFFERS.
ACETIC ACID CONTENT	$\leq 12.0\%$
WATER	$\leq 6.0\%$
SPECIFIC ROTATION	$-80^{\circ}$ TO $-90^{\circ}$
MASS BALANCE	95%~105%
PEPTIDE PURITY BY HPLC	$\geq 98\%$ WITH NO SINGLE IMPURITY $> 1\%$
PEPTIDE CONTENT	$\geq 80\%$