

## Certificate of Analysis

### Ac-LKKTETQ

CAS No	885340-08-9	Code	BIOJAc-LKKTETQ-1G
Batch No	2025121801	Manufacture Date	Dec.30, 2025
Retest Date	Dec.29, 2027	Quantity	1G

Testing Items	Specifications	Results
Appearance	White or almost white fluffy powder	White fluffy powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	2.0%
Acetic Acid (By HPLC)	$\leq 15.0\%$	2.7%
Trifluoroacetic Acid (By HPLC)	$\leq 0.5\%$	Not detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.8%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.1% 0.2%
Peptide content	$\geq 80.0\%$	95.1%
Bacterial endotoxin	$\leq 10\text{EU/mg}$	$< 10\text{EU/mg}$
Molecular Weight	-----	889.01
Conclusion	This product conforms to In-house standard	

**\*Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at -20 °C