

Certificate of Analysis

Ac-SDKP

CAS No	127103-11-1	Code	BIOJAc-SDKP-1G
Batch No	2024090101	Manufacture Date	Sep.25, 2024
Retest Date	Sep.24, 2026	Quantity	10G

Testing Items	Specifications	Results
Appearance	White or almost white fluffy powder	White fluffy powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	3.7%
Acetic Acid (By HPLC)	$\leq 15.0\%$	4.2%
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 $\leq 2.0\%$	0.2% 0.2%
Bacterial endotoxin	$\leq 10\text{EU/mg}$	$<10\text{EU/mg}$
Molecular Weight	-----	487.50
Conclusion	This product conforms to In-house standard	

***Storage: Store at $-20 \pm 5^{\circ}\text{C}$, Protect from moisture and light.**