

## Certificate of Analysis

### Ac-SDKP

CAS No	127103-11-1	Code	BIOJAc-SDKP-1G
Batch No	2026032401-2	Manufacture Date	Apr.21, 2026
Retest Date	Apr.20, 2028	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)	$\leq 8.0\%$	3.7%
Acetic Acid (By HPLC)	$\leq 15.0\%$	9.2%
Trifluoroacetic Acid (By HPLC)	$\leq 0.5\%$	0.4%
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 conditions:**

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

**Long-term storage recommended at -20 °C**