

Certificate of Analysis

Ac-SDKP

CAS No	127103-11-1	Code	BIOJAc-SDKP-1G
Batch No	20260113-2	Manufacture Date	Jan.13, 2026
Retest Date	Jan.12, 2028	Quantity	1G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Soluble in water ($\geq 2\text{mg/ml H}_2\text{O}$)	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	4.01%
Acetic Acid (By HPLC)	$\leq 15.0\%$	1.18%
Trifluoroacetic Acid (By HPLC)	$\leq 1.0\%$	0.80%
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.74%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.15% 0.26%
Bacterial endotoxin	$\leq 10\text{EU/mg}$	$<10\text{EU/mg}$
Identity by MS	Theoretical Molecular Weight: 487.50	Complies
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