

## Certificate of Analysis

### Delta Sleep Inducing Peptide (DSIP 98%)

CAS No	62568-57-4	Code	BIOJDSIP001
Lot No	2024082301-1	Manufacture Date	Sep.07, 2024
Retest Date	Sep.06, 2026	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)	≤8.0%	4.1%
Acetic Acid (By HPLC)	≤15.0%	3.0%
Trifluoroacetic acid (By HPLC)	≤0.5%	Not detected
Peptide Purity (By HPLC)	≥98.0%	99.4%
Related Substance (By HPLC)	Largest single impurity ≤1.0% Total impurities ≤2.0%	0.3% 0.6%
Bacterial endotoxin	<10EU/mg	Complies
Molecular Weight	-----	848.81
Conclusion	This product conforms to In-house standard	

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