

## Certificate of Analysis

### Vasoactive Intestinal Peptide (VIP)

CAS No	40077-57-4	Code	BIOJVIP001
Batch No	2025042101	Manufacture Date	May.11, 2025
Retest Date	May.10, 2027	Quantity	1G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	3.5%
Acetic Acid (By HPLC)	$\leq 15.0\%$	8.8%
Trifluoroacetic Acid (By HPLC)	$\leq 0.5\%$	Not detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.5%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.2% 0.5%
Bacterial endotoxin	$<10\text{EU/mg}$	$<10\text{EU/mg}$
Conclusion	This product conforms to In-house standard	

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