

Certificate of Analysis

Product Name	Emideltide/DSIP		
Sequence	Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu-OH		
CAS No.	62568-57-4	Batch No.	TK230925
Molecular Formula	C ₃₅ H ₄₈ N ₁₀ O ₁₅	Date of Mfg	2024. 09. 26
Test Standard	Enterprise Standard	Date of Exp	2026. 09. 25
Storage	Keep in dark and cool dry place, 2 to 8℃		

Test Items	Specifications	Results
Appearance	White or almost white fluffy powder	Complies
Mass Spectrum	848. 81±1	Complies
Solubility	Soluble in water and acetic acid	Complies
Purity (HPLC)	≥98. 0%	99. 0%
Related Substance	Total Impurities≤2. 0% Largest Single Impurity≤1. 0%	1. 0% 0. 4%
Acetic Acid	≤15. 0%	0. 9%
Peptide Assay	≥90. 0%	95. 7%
Water	≤8. 0%	2. 2%
Residual Solvent	Acetonitrile≤410ppm Dichloromethane≤600ppm N, N-Dimethylformamide≤880ppm	Complies符合 Complies符合 Complies符合
Bacterial Endotoxins	<10EU/mg	<5EU/mg
Conclusion:This batch complies with enterprise standard		
QC Manager:Limei		Inspector:Gao Hongyu

Remark:The product is for research use only!