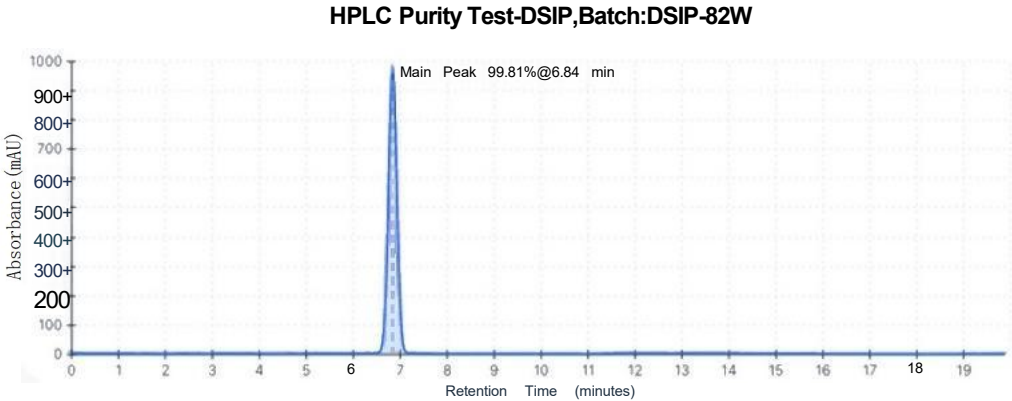


CERTIFICATE OF ANALYSIS

BATCH VERIFICATION

BATCH	DSIP
Date	2026.1.13
Purity	99.24%HPLC
Heavy Metals	Non-detected



TECHNICAL PROPERTIES

Property	Details
Product	DSIP(Delta Sleep-Inducing Peptide)
Identifiers	CAS 62568-57-4
Molecular Formula	C ₃₅ H ₄₈ N ₁₀ O ₁₅
Molecular Weight	848.9g/mol
Storage	Powder stable 3 yrs (-20°C),2 yrs(4°C),3 mo(25°C).Reconstituted:-80°C=6mo, -20°C=1mo,20°C=1wk.
Chemical Structure	Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu-OH

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilized solid	Visual	Conforms
Purity(HPLC)	≥98 %	HPLC(C18,220 nm)	99.24%@RT=6.84 min
TFA Content	≤0.50%w/w	NMR	Conforms
Identification	Consistent with reference.	MS/NMR	Pass

