

Certificate Of Analysis

Product Name:SS-31		
CAS No.: 736992-21-5	MF.: C ₃₂ H ₄₉ N ₉ O ₅	MW.:Mr= 639.79
Batch No.: PG-RETA-26021706	Batch Quantity: 1500g	Test Standard: Enterprise Standard
Test items	Specification	Results
Appearance	White or off-white powder	Conforms
Identity By ESI-MS	640±1	Conforms
Purity(HPLC)	≥99%	99.11%
Water Content(Karl Fischer)	≤8.0%	6.2%
Peptide Content	≥85%	89.9%
Acetic acid Content	≤0.5%	N.D
Sodium Content	≤5.0%	3.3%
PH	6.0-9.0	7.2
Bacterial Endotoxins	<10 EU/mg	Conforms
ACN(乙腈)	≤410 ppm	276 ppm
DMF(N,N-二甲基甲酰胺)	≤880 ppm	N.D
Ethanol(乙醇)	≤5000 ppm	N.D
Tetrahydrofuran(四氢呋喃)	≤720 ppm	N.D
DCM(二氯甲烷)	≤600 ppm	N.D
TAMC	≤100 cfu/g	<20 cfu/g
TYMC	≤100 cfu/g	<20 cfu/g
Total impurities	≤1.0%	0.58%
Conclusion:	Conforms to all requested specifications	
MFG Date:	Mar 07,2026	
Expiry Date:	Mar 06,2028	

Storage:Keep drv,Away from light and store at 2°C-8°C,long term store at-15°C to-25°C!

Reported By: Zhonghui Liu

Reviewed By: Liangen chan