

CERTIFICATE OF ANALYSIS

Product Name: Mazdutide	CAS No.: 2259884-03-0
Mfg. Date: 2024-08-08	Molecular Formula: C ₂₁₀ H ₃₂₂ N ₄₆ O ₆₇
Batch No.: uk-240808	Molecular Weight: 4563.06
Reference Standard: Enterprise Standard	Retest Date: 2026-08-07

Items	Specifications	Results
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤8.0%	5.07%
Sodium ion	≤5.0%	1.60%
Acetic Acid (By HPLC)	≤0.5%	0.03%
Trifluoroacetic Acid	≤0.5%	Not Detected
Peptide Purity (By HPLC)	≥98.0%	99.18%
Related Substance (By HPLC)	Total Impurities(%) ≤2.0%	0.82%
	Largest Single Impurity(%) ≤1.0%	0.31%
Bacterial Endtoxins	≤10EU/mg	Conform
Assay	≥90.0%	91.82%
PH(5mg/ml)	6.0 - 8.5	7.12
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C	
Conclusion	This batch meets the internal standards of the enterprise and is qualified	

Tested by: Wang Xiaohang



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