



Certificate of Analysis

Product Name	Mazdutide	CAS No.	2259884-03-0
Molecular Formula	C ₂₁₀ H ₃₂₂ N ₄₆ O ₆₇	Molecular Weight	4563.06
Batch No.	XR23120201-1	Date of Mfg	Jan 26,2024
Reference Standard	Enterprise Standard	Retest Date	Jan 25,2026
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
TEST	SPECIFICATION	RESULT	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	< 8.0%	2.80%	
Sodium ion	< 5.0%	1.78%	
Acetic Acid	< 0.5%	0.09%	
Trifluoroacetic	< 0.5%	Not Detected	
Peptide Purity (By HPLC)	> 98.0%	99.32%	
Related Substance (By HPLC)	Total Impurities(%) < 2.0%	0.68%	
	Largest Single Impurity(%) < 1.0%	0.26%	
Bacterial Endotoxins	< 10 EU/mg	< 1 EU/mg	
Assay	> 90.0%	94.17%	
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only.