

Semax

Certificate of Analysis

Product Name	Semax		
CAS No.	80714-61-0	Batch No.	20250921013
Date of Producing	2025-09-21	Molecular Formula	C37H51N9O10S
Retest Date	2027-09-21	Molecular Weight	813.92
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Water Content (Karl Fischer)	≤8.0%	5.4%
Acetic Acid (By HPLC)	≤15.0%	2.9%
Peptide Purity (By HPLC)	≥98.0%	98.5%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	1.5%
	Largest Single Impurity(%)≤1.0%	0.8%

Conclusion	Conforms to the Enterprise standard
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