

Gonadorelin

Certificate of Analysis

Product Name	Gonadorelin		
CAS No.	33515-09-2	Batch No.	20250822032
Date of Producing	2025-08-22	Molecular Formula	C55H75N17O13
Retest Date	2027-08-22	Molecular Weight	1182.29
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water and in 1% glacial acetic acid, sparingly soluble in methanol	Conforms
Water Content (Karl Fischer)	≤7.0%	2.6%
Acetic Acid (By HPLC)	8.0%~12.5%	8.6%
TFA(By HPLC)	≤0.25%	ND
Peptide Purity (By HPLC)	≥98.0%	99.6%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.4%
	Largest Single Impurity(%)≤1.0%	0.4%

Conclusion	Conforms to the Enterprise standard
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