



Anabolic Complex

TB-500 Certification of Analysis

Product Name	TB-500 Acetate	CAS No.	77591-33-4
Molecular	C212H350N56O78S	Batch No.	P190122-BTC005
Molecular	1817.12	Manufacturing Date	20190122
Storage	Cool dry place	Retest Date	20210122
Sequence	<p>Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp -Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys -Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys -Gln-Ala-Gly-Glu-Ser-OH</p>		
TEST		SPECIFICATION	RESULT
1	Appearance	White powder	White powder
2	Solubility	Soluble in water or acetic acid at a to give a clear, colorless solution	Conforms
3	Identification (MS)	4963.49±1.0	4964.1
3	Amino Acid Composition	±10% of theoretical	Conforms
4	Peptide Purity (By HPLC)	≥98.0% by area integration	98.82%
5	Related Substance (By HPLC)	Total Impurities(%) 2.0% Largest Single Impurity(%) 1.0%	1.18% 0.64%
6	Acetate Content (By HPLC)	≤15.0%	12.8%
7	Water Content (Karl Fischer)	≤8.0%	3.5%
8	Bacterial Endotoxins	≤5EU/mg	Conform
	Peptide Content (N determination)	80.0%	86.3%
10	Assay (By Anhydrous, Acetic)	95.0~105.0%	102.6%