



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Teicoplanin

CAS: 61036-62-2

Batch Number: FTF0231212 Batch Quantity: 100kg

Manufacture Date: Dec.10th,2023 Analysis Date:Dec.11th,2023 Certificate Date: Dec.12th,2023

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Items		Standard	Result
Characteristics	Appearance	Yellowish, amorphous powder.	Conform
	Solubility	Freely soluble in water, sparingly soluble in dimethylformamide, insoluble in ethanol (96 percent v/v)	Conform
Identification	IR	IR spectrum of the test specimen should consistent with the IR spectrum of reference standard.	Conform
	HPLC	The retention time of the principal peak is similar to which in the reference solution.	Conform
Appearance of solution		Clarity of solution: $\leq 1\#$	Conform
		Color of solution: $<BY3$ or $B4$	Conform
PH		6.5 -7.5	7.01
Composition and related substances		Teicoplanin A2 group: 80.0%min	94.0%
		Teicoplanin A2-2: 35.0%- 55%	42.8%
		Teicoplanin A2-1 group: 20.0%max	11.4%
		Teicoplanin A2-3 group: 20.0%max	9.50%
		Teicoplanin A2-4: 20.0%max	13.6%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

