



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Semax

CAS: 80714-61-0

Batch Number: 0240911 **Batch Quantity:** 180g

Manufacture Date: Sep.09th,2024 **Analysis Date:** Sep.10th,2024 **Certificate Date:** Sep.11th,2024

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

Shelf life 3 years when properly stored.

Item	Specification	Results
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water and acetic acid	Conform
Water Content(Karl Fischer)	$\leq 8.0\%$	4.0%
Acetic Acid(By RPLC)	$< 15.0\%$	2.0%
Peptide Purity (By RPLC)	$> 98.0\%$	99.2%
Related Substance(By HPLC)	Total Impurities $\leq 2.0\%$	0.8%
	Largest Single Impurity $\leq 1.0\%$	0.6%
Organic Solvent Residue	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
	Dichloromethane $\leq 0.060\%$	$< 0.060\%$
	N,N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

