



## Certificate of Analysis-N-Acetyl semax

CAS: 4037-01-8

Batch Number: 0240911 Batch Quantity: 180g

Manufacture Date: Sep.09<sup>th</sup>,2024 Analysis Date: Sep.10<sup>th</sup>,2024 Certificate Date: Sep.11<sup>th</sup>,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)	≤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 ≤2.0%	0.8%
	Largest Single Impurity ≤1.0%	0.6%
Organic Solvent Residue	Acetonitrile ≤ 0.041%	< 0.041%
	Dichloromethane ≤ 0.060%	< 0.060%
	N,N-Dimethylformamide ≤ 0.088%	< 0.088%

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

