

Certificate of Analysis

Product	Semax	CAS No.	80714-61-0
Product No.	LJSEM	Batch No.	LJSEM2026030201
Date of Mfg	2026/03/02	Retest Date	2028/03/01
Test Method	In-house	Quantity	1.51kg
Storage Conditions	Protected from light, sealed, store at -20°C ± 5°C		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.72%
Identification By MS	813.93 ± 1.0	Conforms
Trifluoroacetic acid	≤0.5%	Not detected
Related Substances	Unspecified Impurity: ≤0.3%	0.02%
	Total Impurities: ≤2.0%	0.28%
Water content	≤7.0%	1.5%
Acetic Acid	≤15.0%	5.8%
Peptide Content	≥80.0%	92.5%
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤10EU/mg	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	

Reporter/Date: 张洁 2026/03/07

Approver/Date: 刘辉 2026/03/07

Storage: In an air tight container, protected from light.
Temperature :Short Term:2-8°C ; Long Term: -20°C ± 5°C

It is only supplied as chemical product.
It is only for R&D use.

