

Certificate of Analysis

Semax (Semax Acetate)

CAS No	80714-61-0	Code	BIOJSEM001
Batch No	2026031701-1	Manufacture Date	Mar.17, 2026
Retest Date	Mar.16, 2028	Quantity	10G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	3.1%
Acetic Acid (By HPLC)	$\leq 15.0\%$	6.1%
Trifluoroacetic Acid (By HPLC)	$\leq 0.25\%$	Not detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.1%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.5% 0.9%
Peptide content	$\geq 80.0\%$	89.8%
Bacterial endotoxin	$< 10\text{EU/mg}$	$< 10\text{EU/mg}$
Conclusion	This product conforms to In-house standard	

***Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at -20 °C.