

Certificate of Analysis

Product Name: semax

Lot No.: 26062202

Salt Type: Acetate

Report Date: 2026-06-23

Retest Date: 2026-06-21

Items	Specification	Results
Appearance	White powder or off-white powder	Conforms
Solubility	Soluble in water	Conforms
Related Substances(HPLC)	Maximum single impurity $\leq$ 1% Total impurities $\leq$ 2.0%.	0.24% 0.73%
Purity	$\geq$ 98%	99.2%
Water Content	$\leq$ 10%	7.1%
Acetic acid	$\leq$ 15%	N.D
Residual solvents	Methanol: $\leq$ 300ppm Isopropanol: $\leq$ 500ppm Acetonitrile: $\leq$ 410ppm Methylene chloride: $\leq$ 600ppm	Methanol: N.D Isopropanol: N.D Acetonitrile:102ppm Methylene chloride: N.D
Peptide Content	$\geq$ 80%	92.1%
Bacterial endotoxin	$<$ 5EU/mg	Conforms

Storage: In the air tight container, protected from light at temperature -20 °C

Notes : Not for human use, for research purpose only.