

MENKOR

CERTIFICATE OF ANALYSIS

PRODUCT	Semax 10mg	BATCH NO.	MK260403
FORMULA	C37H51N9O10S	MANUFACTURED	2026/04/03
MOL. WEIGHT	813.90	EXPIRY DATE	2028/04/02
CAS NUMBER	80714-61-0	STORAGE	-20°C ± 5°C

IDENTITY & PHYSICAL

PARAMETER	SPECIFICATION	RESULT
Appearance	White to off-white powder	Conform
Solubility	Soluble in pure water	Conform
Identity (MS)	813.90 ± 2.0Da	814.8Da
pH	7.0 - 9.0	7.5
Water Content	≤ 8.0%	2.8%

HPLC PURITY

PARAMETER	SPECIFICATION	RESULT
Peptide Purity (HPLC)	≥ 98.0%	99.48%
Total Impurities	≤ 2.0%	0.43%
Largest Single Impurity	≤ 1.0%	0.20%
Peptide Content	≥ 85.0%	95.2%

MICROBIAL & ENDOTOXIN

PARAMETER	SPECIFICATION	RESULT
TAMC // TYMC	NMT 1000 // 100 cfu/g	Conform
Pathogens	Negative	Negative
Endotoxins (LAL)	< 5 EU/mg	< 5 EU/mg

For Research Use Only

Date of Analysis: 2026/04/03