

MENKOR

CERTIFICATE OF ANALYSIS

PRODUCT	Oxytocin Acetate 5mg	BATCH NO.	MK260405
FORMULA	C43H66N12O12S2	MANUFACTURED	2026/04/05
MOL. WEIGHT	1007.19	EXPIRY DATE	2028/04/04
CAS NUMBER	50-56-6	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)	1007.19 ± 2.0Da	1008.0Da
pH	7.0 - 9.0	7.4
Water Content	≤ 8.0%	3.0%

HPLC PURITY

PARAMETER	SPECIFICATION	RESULT
Peptide Purity (HPLC)	≥ 98.0%	99.39%
Total Impurities	≤ 2.0%	0.47%
Largest Single Impurity	≤ 1.0%	0.21%
Peptide Content	≥ 85.0%	94.9%

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: 2026/04/05