

Oxytocin

CAS	50-56-6
Molecular formula	C43H66N12O12S2
Molecular weight	1007.19 g/mol
Appearance	White lyophilized powder
Container sizes on this lot	5 mg

Analytical results

TEST	METHOD	RESULT
Purity	Reverse-phase HPLC, 214 nm	99.5% (spec ≥ 98.0%)
Bacterial endotoxin	LAL (Limulus ameocyte lysate)	0.11 EU/mg (spec < 0.5 EU/mg)
Identity	Mass spectrometry	1006.79 g/mol obs. vs 1007.19 g/mol calc.
Appearance	Visual	White lyophilized powder

Storage & handling

Lyophilized: -20 C, desiccated. Reconstituted: 2-8 C, use within 14 days.

Assayed: 2026-08-03

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Quality Assurance, PeptideSeed Laboratory Services