

Batch No: PEGM9251044
Test Date: 28th November 2025

TECHNICAL PROPERTIES

PRODUCT	PEG-MGF (Pegylated Mechano Growth Factor)
PUBCHEM CID	N/A (Modified Sequence)
MOLECULAR FORMULA	C₁₂₁H₂₀₀N₄₂O₃₉ + PEG
MOLECULAR WEIGHT	~3500 g/mol (Includes PEG mass)
STORAGE	Store lyophilised powder at -20 °C, protected from light and moisture. Stable for 3 years under these conditions. After reconstitution, store solution at 2–8 °C for up to 1 month
CHEMICAL STRUCTURE	PEG-Succ-Tyr-Gln-Pro-Pro-Ser-Thr-Asn-Lys-Asn-Thr-Lys-Ser-Gln-Arg-Arg-Lys-Gly-Ser-Thr-Phe-Glu-Glu-His-Lyss

TEST RESULTS

TEST ITEMS	SPECIFICATIONS	RESULTS
APPEARANCE	COLOURLESS OR WHITE POWDER	CONFORMS
PURITY (HPLC)	>98%	99.15%
TFA CONTENT	<0.50%	CONFORMS

CAUTION: This material has not been approved for human or veterinary use.
For laboratory research use only.