

# CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION	
Product Name	Recombinant Human Type XVII Collagen (10 kDa+)
Catalog Number	EV-COL-005
OEM Reference	GPE015001
Category	Structural Protein / Collagen
Lot Number	LOT-PENDING — Enter lot number on release
Manufacturing Date	See product label
Expiry Date	See product label
Storage Conditions	Store at -20°C in dry, sealed condition
Appearance	White or off-white lyophilized powder
Grade	Research Grade
Regulatory Status	For Research Use Only (RUO)

SPECIFICATIONS AND TEST RESULTS				
Parameter	Specification	Test Method	Result	Pass/Fail
Appearance	White or off-white lyophilized powder	Visual inspection	Conforms	PASS
Purity (SDS-PAGE)	≥95%	SDS-PAGE with Coomassie staining, densitometric analysis	Conforms	PASS
Protein Content	≥90%	Bradford protein assay with BSA standard curve	Conforms	PASS
Molecular Weight	10.0 kDa ± 2 kDa	SDS-PAGE with molecular weight markers	Conforms	PASS
Endotoxin	≤0.5 EU/mg	LAL (Limulus Amebocyte Lysate) chromogenic assay	Conforms	PASS
Bioburden	≤5 CFU/g	Microbial enumeration, plate count method	Conforms	PASS
Total Heavy Metals (as Pb)	≤10 ppm total (as Pb); As ≤2 ppm; Hg ≤2 ppm; Pb ≤2 ppm; Cr ≤2 ppm; Cd ≤2 ppm	ICP-MS (Inductively Coupled Plasma Mass Spectrometry)	Conforms	PASS
Pathogen Testing (E. coli,	Not Detected	Microbial culture and identification per USP <62>	Conforms	PASS

S. aureus, P. aeruginosa)				
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RELEASE AUTHORISATION	
<b>QC Status</b>	RELEASED — Meets Enzoverta Life Sciences specifications
<b>Authorised By</b>	Enzovera Quality Control Department
<b>Issue Date</b>	2026-05-14
<b>Document Number</b>	CoA-EV-COL-005-LOT-PENDING

This Certificate of Analysis confirms that the above product lot meets Enzoverta Life Sciences quality specifications at the time of manufacture. For technical assistance, contact [techsupport@enzovera.com](mailto:techsupport@enzovera.com). For Research Use Only. Not for use in diagnostic procedures.