

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name	Recombinant Human Type III Collagen (55.9 kDa)
Catalog Number	EV-COL-003
OEM Reference	GPE012003
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; refrigeration temperature recommended
Appearance	White or off-white lyophilized collagen sponge
Grade	Research Grade
Regulatory Status	For Research Use Only (RUO)

SPECIFICATIONS AND TEST RESULTS

Parameter	Specification	Test Method	Result	Pass/Fail
Appearance	White to 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	55.9 kDa ± 2 kDa	SDS-PAGE with molecular weight markers	Conforms	PASS
Endotoxin	≤10 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	ICP-MS (Inductively Coupled Plasma Mass Spectrometry)	Conforms	PASS
Pathogen Testing (E. coli, S. aureus, P. aeruginosa)	Not Detected	Microbial culture and identification per USP <62>	Conforms	PASS

RELEASE AUTHORISATION

QC Status	RELEASED — Meets Enzovera Life Sciences specifications
Authorised By	Enzovera Quality Control Department
Issue Date	2026-05-14
Document Number	CoA-EV-COL-003-LOT-PENDING

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