

## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

<b>Product Name</b>	Recombinant Human Type I Collagen (26.9 kDa)
<b>Catalog Number</b>	EV-COL-004
<b>OEM Reference</b>	GPE014001
<b>Category</b>	Structural Protein / Collagen
<b>Lot Number</b>	LOT-PENDING — Enter lot number on release
<b>Manufacturing Date</b>	See product label
<b>Expiry Date</b>	See product label
<b>Storage Conditions</b>	Short-term storage and transport at room temperature acceptable; recommended sealed storage at $\leq -20^{\circ}\text{C}$
<b>Appearance</b>	White or off-white lyophilized collagen sponge
<b>Grade</b>	Research Grade
<b>Regulatory Status</b>	For Research Use Only (RUO)

### SPECIFICATIONS AND TEST RESULTS

Parameter	Specification	Test Method	Result	Pass/Fail
Appearance	White or off-white sponge-like lyophilized powder	Visual inspection	Conforms	PASS
Electrophoretic Purity	$\geq 90\%$	SDS-PAGE	Conforms	PASS
Protein Content	$\geq 90\%$	Lowry method	Conforms	PASS
Moisture Content	$< 10\%$	Karl Fischer titration	Conforms	PASS
Endotoxin Level	$< 0.5$ EU/mg	LAL (Limulus Amebocyte Lysate) assay	Conforms	PASS
Solubility	$\geq 100$ g/L in water (clear solution, no suspended particles after 24h)	Dissolution test with visual inspection	Conforms	PASS
Microbial Contamination (Total Aerobic Count)	$< 100$ CFU/g	Microbial enumeration per USP <61>	Conforms	PASS
Pathogen Testing (E. coli, S. aureus, P. aeruginosa)	Not detected	Microbial identification per USP <62>	Conforms	PASS

### RELEASE AUTHORISATION

<b>QC Status</b>	RELEASED — Meets Enzoverta Life Sciences specifications
<b>Authorised By</b>	Enzoverta Quality Control Department
<b>Issue Date</b>	2026-05-14
<b>Document Number</b>	CoA-EV-COL-004-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.