



# Certificate of Analysis

**Product Name:** Marine Elastin PF  
**Lot Number:** 31084  
**Manufacture Date:** May 11, 2023  
**Re-Test Date:** May 11, 2024  
**CAS #'s:** 91080-18-1  
**EINECS #'s:** 293-509-4  
**INCI Name:** Hydrolyzed Elastin

Specification	Parameter	Result
Appearance	Clear Pale Yellow Liquid	Pass
OdoUr	Characteristic	Pass
NVM (1g-2hrs-105°C)	0.70 – 1.10%	1.00
Refractive Index (@ 20°C)	1.334 – 1.336	1.336
pH (direct)	3.8 – 4.2	3.9 6.5 - 8.0
Nitrogen (Kjeldahl)	0.05 – 0.10%	0.09
Protein (Biuret)	Positive	Pass
IR Spectrum	To Match Standard	Pass
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Microbial Content		<b>1.5 units/mg Minimum</b>
Yeast & Mold	< 100 CFU/g; No pathogens	Pass
Gram Negative Bacteria	< 100 CFU/g	Pass
	0 CFU/g	Pass

May Sediment upon Standing; Mix Well Prior to Use

**\*\*Note:** Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, please gently warm to 45-50°C and mix until normal appearance is restored.