Jellyfish Collagen Age Renewal Serum – Ingredient Purpose

Aloe Barbadensis Leaf Juice	Serves as the rich, nutrient-dense, and deeply soothing base of the serum in place of standard water. Naturally abundant in skin-repairing polysaccharides, antioxidant vitamins, and enzymes, it actively calms the skin, reinforces moisture balance, and intensely hydrates the surface layer. By thoroughly conditioning the skin barrier, it establishes an optimal, receptive environment that enhances the absorption of the formula's high-performance active ingredients.
Propanediol	A sustainably plant-derived humectant and clean solvent that acts as an efficient moisture magnet for the skin. It actively draws hydration into the outer skin layers while simultaneously optimizing the delivery and surface absorption of the serum's key active ingredients. Exceptionally lightweight and skin-compatible, it refines the formulation's sensory profile to ensure a smooth, luxurious, and completely non-sticky texture.
Glycerin	A foundational powerhouse humectant that intensely attracts and retains water at the skin's surface and throughout its outer layers. By mimicking the skin's Natural Moisturizing Factors (NMF), it replenishes essential moisture, helps reinforce the skin barrier, and keeps the complexion visibly supple, balanced, and plump throughout the day.
Pentylene Glycol	A multifunctional, high-performance ingredient that acts as both a deeply hydrating humectant and a mild preservation-supporting agent. It actively binds moisture within the skin's surface to enhance hydration while simultaneously boosting the efficiency of the serum's preservation system. This dual action reduces the need for high levels of traditional preservatives, contributing to optimal formula stability, texture refinement, and overall shelf integrity.
Lecithin	A natural plant-derived phospholipid that serves as the advanced liposomal encapsulation system for PhytoCellTec™ Argan. Lecithin creates microscopic lipid vesicles that securely envelope and stabilize the argan stem cell extract. Because these liposomes mimic the natural structure of human skin membranes, they promote significantly enhanced skin penetration, targeted assimilation, and heightened bioavailability of the active compound.
Isomalt	A natural, plant-derived sugar alcohol sourced from beet sugar that functions as the high-performance delivery substrate for both clinically researched actives in this formula (MossCellTec™ No.1 and PhytoCellTec™ Argan). During the raw material manufacturing process, the advanced cellular extracts are

	precision-sprayed onto the isomalt powder base. This specialized biotechnology matrix stabilizes the delicate bioactive compounds, protecting their structural integrity for optimal preservation and enhanced skin absorption.
Niacinamide (Vitamin B3)	One of skincare's most well-researched vitamins, niacinamide may help visibly support and strengthen the skin barrier, improve the appearance of uneven skin tone, minimize the look of pores, and promote a brighter, more refined complexion with consistent use.
Argania Spinosa Callus Culture Extract ★ CLINICALLY RESEARCHED	One of two clinically researched actives in this formula, incorporated at its scientifically studied concentration. PhytoCellTec™ Argan is derived from the stem cells of the rare, protected argan tree using a patented biotechnology that cultivates callus cells sustainably in a bioreactor system thus eliminating the need to harvest from living wild trees. In placebo-controlled clinical trials conducted on the active ingredient, this biotechnology demonstrated profound structural rejuvenation: • **Crow's Feet Reduction**: Reduced wrinkle depth around the delicate eye area by up to 18.5% after 28 days, and up to 26.2% after 56 days of twice-daily application. • **Nasolabial Smoothness**: Visibly reduced the depth of challenging nasolabial folds (smile lines) by 13.1% after 84 days. • **Dermal Tissue Density**: Improved dermal tissue density by 12.7% after 56 days via ultrasonographic evaluation, indicating tighter tissue cohesion. By supporting and vitalizing the skin's natural regenerative microenvironment, this active targets signs of structural aging at its source. Promoting the appearance of a firmer, denser, and more youthful complexion while visibly smoothing deep wrinkles from within.
Caprylyl Glycol	Provides mild preservation support and light moisturization, helping to maintain the formula's integrity over time while contributing to a softer, more comfortable skin feel.
Benzyl Alcohol	A mild, organic compound inspired by the natural aromatic components of jasmine and ylang-ylang essential oils. It provides essential preservation support by targeting bacteria and mold, effectively maintaining product freshness and stability. Globally recognized as a safe and trusted component in clean skincare, it is fully approved under rigorous organic and natural standards.
Hydrolyzed Jellyfish Extract (SimplySEA™ Jellyfish Collagen Peptides) ★ HERO INGREDIENT	The hero ingredient in this formulation. As America's only 100% USA sourced jellyfish collagen on the market. Sustainably sourced and manufactured in Georgia. SimplySEA™ is backed by over eight years of pioneering marine biotechnology research at the University of Georgia, which earned its co-founder the prestigious UGA Entrepreneur of the Year award. SimplySEA™ introduces a radical leap in skin rejuvenation featuring an amino acid profile for

	true cellular efficacy:The 500-Dalton Advantage: Utilizing a patent-pending tissue engineering technology, this active is precision-cleaved into micro-peptide fractions down to ~482 Daltons. This ultra-low molecular weight allows it to easily bypass outer surface barriers for rapid, deep surface absorption.Advanced Structural Anchoring: Naturally abundant in hydroxylysine—an essential amino acid found in exceptionally high concentrations in jellyfish—it provides the precise building blocks required to physically anchor collagen fibers together, reinforcing the skin's structural matrix.Pristine & Clean-Processed: Crafted with absolute purity in mind, this active is minimally processed and completely free from additives, fillers, bleaching agents, or hidden preservatives.Visible Transformation: Formulated at its active threshold to intensely lock in multi-layered moisture, fortify the skin barrier, and reveal a visibly firmer, smoother, and younger-looking complexion.
Phytol ★ CLINICALLY RESEARCHED	The second clinically researched active in this formula, incorporated at its scientifically studied concentration. Phytol is the key bioactive compound extracted from *Physcomitrella patens* moss cells, cultivated using Mibelle Biochemistry's proprietary MossCellTec™ tissue culture biotechnology. Mosses have extraordinary biological resilience to drought, freeze-thaw cycles, and extreme temperature shifts is naturally encoded in their cellular biology. In placebo-controlled clinical trials, this active ingredient demonstrated profound structural rejuvenation: ● **Anti-Wrinkle Efficacy**: Reduced wrinkle depth by up to 15% versus placebo after 28 days. ● **Deep Hydration**: Increased skin hydration by more than 6% after just two weeks, with documented improvement in 100% of volunteers. ● **Barrier Support**: Reduced transepidermal water loss (TEWL) by more than 8% after two weeks, with barrier improvement seen in 91% of volunteers. ● **Climate Adaptation**: Significantly improved skin tone homogeneity after just two weeks even when volunteers were exposed to dramatic daily climate changes. MossCellTec™ No.1 is sustainably sourced, non-GMO, and proudly COSMOS-approved and NATRUE-approved.
Salicylic Acid	An oil-soluble hydroxy acid renowned for its ability to gently exfoliate the skin's surface and deep within the pores. It helps to refine pore appearance, smooth skin texture, and support a clearer, more even-looking complexion with consistent use.
Sorbic Acid	A mild, food-grade preservative inspired by compounds found naturally in rowan berries. It safeguards the serum against microbial contamination, ensuring product safety and stability as a trusted alternative to traditional, harsh preservatives.

Sodium Hyaluronate	A highly purified, low-molecular-weight form of hyaluronic acid. Due to its smaller molecular size, it penetrates past the skin's surface barrier to attract and retain moisture within the epidermis. This deeper hydration helps promote a visibly plumper, smoother appearance over time while working alongside the serum's hydrating base to provide comprehensive, layered moisture throughout the skin.
Panthenol (Provitamin B5)	Converts to Vitamin B5 upon skin absorption, where it provides deep soothing and moisturizing benefits that may help reinforce the skin barrier, calm the appearance of irritation, and promote calmer, healthier-looking skin.
Allantoin	A gentle, naturally occurring compound with well-documented soothing and skin-renewing properties that may help calm irritation, support cellular renewal, and promote a softer, smoother-looking complexion.
Xanthan Gum	A naturally derived polysaccharide that provides the serum's luxurious, elegant texture. It offers exceptional shear-thinning properties for a smooth, effortless glide across the skin during application. As a foundational stabilizer, it prevents ingredient separation, maintaining total formula uniformity and consistency in every drop.
Sodium Phytate	Derived from phytic acid found naturally in plants and grains, sodium phytate functions as a chelating agent and natural antioxidant, helping to stabilize the formula, protect against oxidative degradation, and support the longevity of the active ingredients.
Ethylhexylglycerin	A multi-functional skin-conditioning emollient and high-performance preservation booster. It actively enhances skin comfort by drawing in light hydration and contributing to a noticeably smoother, softer skin feel. On a structural level, it functions as a powerful potentiator that optimizes the efficiency of the serum’s preservation system, allowing for a safer, more stable formula while reducing the need for high levels of traditional preservatives.
Fragrance* (100% Natural Fragrance)	A 100% natural, plant-derived fragrance system crafted from botanical aromatic compounds, essential oil fractions, and isolated plant distillates. Formulated without synthetic aroma chemicals, artificial fixatives, parabens, or phthalates, it delivers a clean, subtle sensory experience that beautifully complements the serum.
Vanilla Planifolia Fruit Extract	Derived from the vanilla bean, this naturally aromatic botanical extract provides gentle antioxidant support while contributing a warm, clean signature aroma to the serum. Rich in natural polyphenols, it delivers dual-action benefits: it actively scavenges free radicals to protect the skin from environmental stressors, while simultaneously shielding the formula from oxidative degradation to preserve the potency and freshness of the active ingredients.

Typical ingredient profile — formulation values may vary slightly between batches. All skin-related language refers to the established cosmetic roles of these ingredients and to supplier-conducted clinical trials. These statements are not intended to diagnose, treat, cure, or prevent any disease. Clinical data for PhytoCellTec™ Argan and MossCellTec™ No.1, as well as the SDS and COA for the 100% natural fragrance blend, are available upon request.