



What Sets CharaOmni Apart

1. Regenerative Stem Cell Components

Wharton's jelly and amniotic membrane have been known to provide crucial and powerful growth factors, extracellular matrix, as well as other cell signaling molecules highly beneficial in skin repair and regeneration.

Wharton's Jelly Extract - provides rich supply of potent growth factors, natural nanoparticles (exosomes), and other signaling molecules, as well as important extracellular matrix. It promotes proliferation and migration of epithelial cells and fibroblasts, enhances collagen synthesis, reduces scar formation, and enhances wound healing.

Amniotic Extracellular Matrix - possesses powerful anti-inflammatory, anti-scarring and wound healing properties. Rich in cytokines, growth factors, and extracellular matrix molecules such as proteoglycans, hyaluronic acid, and collagens I, III and IV.

2. Powerful and Synergistic Peptide Blend

Collagens make up about 80% of our dermis. It helps our skin look firm and smooth, bringing out the youthful and radiant glow that we all desire. When we are young, we produce collagen at a very high rate. After age 20, our body produces about 1% less collagen each year, and stops production altogether around age 40. In addition, existing collagens begin to break down, known as "fragmenting".

Peptides are naturally occurring biological molecules, which are short chains of amino acids. They are small enough to penetrate the skin, and when applied topically, they signal the skin to repair and regenerate.

The unique and synergistic **peptide blend** in CharaOmni provides anti-wrinkle, skin-tightening and scar-softening benefits, and helps promote the production and maintenance of elastin & collagen, stimulates antioxidant activity, and enhances epithelial regeneration and migration.

3. Deep-penetrating

Just because a cream has a lot of amazing ingredients, it doesn't mean that those ingredients would be able to penetrate deep enough into the skin layers to exert their benefits. CharaOmni incorporates natural ingredients that promote deep penetration of the incredible nutrients **all the way into the subcutaneous layer**. This means the nutrients would pass through the outer epidermis, into the dermal layer, where the skin is alive, rich with small blood vessels, nerve endings, hair follicles and sweat glands. Below the dermis is the subcutaneous tissue, which contains larger blood vessels and nerves, **fibroblasts** and **fat cells**.

- Fat is of crucial importance in providing defenses against the environment and pathogens, and in maintaining our youthful look. Children have a lot more fat under their dermis, giving their skin the supple and youthful look. However, as we age, the number of fat cells declines, contributing to the aging and sagging look.
- Fibroblasts are crucial for skin regeneration, as they carry out the important task of synthesizing extracellular matrix and collagen, play a critical role in wound healing, and can convert into fat cells, thus replenish the fat supply under our skin.

4. Abundance of Natural Herbs, Oils, Antioxidants, and Hyaluronic Acid

Please refer to the full ingredients list for details of why each ingredient is included.



CharaOmni Main Ingredients

-- Detailed Explanations --

1. Birth tissue-derived regenerative extract

Derived from the Bio-Ethically donated birth tissue in our FDA-registered Tissue Bank that adheres to the most stringent criteria in the industry. Our proprietary process is absent of harmful enzymes and chemicals to preserve its structural integrity and potency.

Wharton's Jelly Extract - rich supply of potent cytokines, growth factors, natural nanoparticles (exosomes), multiple collagen types and proteins, as well as important extracellular matrix. It promote proliferation and migration of epithelial cells and fibroblasts, enhances collagen synthesis, reduces scar formation, enhances wound healing.

Amniotic Extracellular Matrix - powerful anti-inflammatory, anti-scarring and wound healing properties, rich in cytokines, growth factors, and extracellular matrix molecules such as proteoglycans, hyaluronic acid, and collagens I, III and IV.

2. Chara's proprietary peptide blend

- 1) anti-wrinkle, skin-tightening, scar-softening
- 2) promotes production and maintenance of elastin & collagen, enhances elasticity
- 3) promotes natural glow, stimulates antioxidant activity, counterbalances excess estrogen
- 4) enhances epithelial regeneration and migration, helps promote keratinocytes

3. Hyaluronic acid

Hyaluronic acid - is needed to produce collagen, helps retains moisture, oxygenate and rejuvenate

4. Natural oils

Vitis Vinifera (Grape) Seed oil - rich in Vitamin E (strong antioxidant) and Omega-6 fatty acids (may help reduce inflammation and improve skin's barrier function), hypoallergenic, doesn't clog pores, natural moisturizer, reduces acne and scars, tightens pores

Cocos Nucifera (Coconut) Oil - rich in antioxidants and healthy fatty acids, anti-inflammatory, hydrates, naturally anti-bacterial, anti-fungal, prevents growth of acne-causing bacteria, mild sunscreen effect, hydrates skin, stimulates collagen production

Oenothera biennis (Evening Primrose) Oil - high levels of antioxidants, soothes, moisturizes, and cleanses skin, anti-inflammatory, reduces redness, dryness, roughness, and wrinkles, can help ease acne and eczema, improves skin elasticity and firmness

Cymbopogon citratus (Lemongrass) Oil - antimicrobial, sterilizes pores and reduces pore size, skin-tightening, helps reduce oily skin, dissolves blackheads and opens up blocked pores, promotes even and glowing skin, and soothes skin irritation

5. Herbal extracts

Lonicera caprifolium (Honeysuckle) Flower Extract - used in traditional Chinese medicine, anti-inflammatory, soothing, rich in antioxidant, improves uneven skin tone and dullness, anti-bacterial, a natural cleanser

Aloe barbadensis (Aloe Vera) Leaf Extract - stimulates production of hyaluronic acid, stimulates cell growth, anti-inflammatory, soften skin cells, antiseptic, rich in antioxidants, promotes skin healing

Viti vinifera (Grape) Seed Extract - rich in Vitamin C, Vitamin E and other powerful antioxidants, protects against UV light exposure, cleanses skin, exfoliates, moisturizes, stimulates cellular growth, anti-inflammatory and anti-wrinkle

Chamomilla recutita Flower/Leaf (Chamomile) Extract - antiseptic, anti-inflammatory, decongests clogged pores, rich in antioxidants, soothing, hypoallergenic, neutralizes skin irritants, enhances skin healing, reduces dryness and flaky skin

Camellia sinensis (White Tea) Leaf Extract - inhibits activities of MMP (matrix metalloproteinases) which accumulates with age, thus protects collagen and elastin, high levels of antioxidants, strengthens skin's immune function, reduces DNA damage from sun exposure, brings blood flow to the face

Panax ginseng (Asian Ginseng) Root Extract - anti-inflammatory, calms redness, puffiness, dark circles, balances oil production, stimulates skin metabolism, increases collagen production, protects against photoaging and pigmentation, brightens complexion, rich in vitamins, minerals, and antioxidants

Citrus limon (Lemon) Peel Extract - removes toxins and dead skin, reduces oxidative stress, cleanses and brightens skin, stimulates new skin growth, enhances skin's clarity, reduces hyperpigmentation, improves glow and suppleness, helps protect against skin cancer

Astragalus propinquus (Astragalus) Root Extract - reduces signs of aging such as wrinkles and age spots, improves tissue regeneration, high antioxidant activity, relieves skin dryness, bruises, as well as symptoms of psoriasis and other cutaneous conditions

Calendula arvensis (Carlandula) Extract - stimulates collagen production, increases skin hydration, reduces dry skin, promotes skin-tightening, skin-brightening, wound healing and UV protection, anti-inflammatory, antibacterial, rich in antioxidants

6. Antioxidants

CoQ10 - strong antioxidant, neutralizes free radicals, improves collagen and elastin production

Tocopherol - Vitamin E, grape-derived, cleanses skin, moisturizes, tightens and firms skin, powerful antioxidant

Alpha Lipoic Acid - potent antioxidant, regenerates other antioxidants, increases cellular energy metabolism and mitochondrial function, improves cellular stress response, anti-inflammatory, reduces redness/blotchiness/puffiness, tightens pores, decreases appearance of photoaging (premature skin aging caused by repeated UV exposures)

*** The rest of the ingredients have PH-balancing, cell nourishing, antimicrobial, skin-tightening, stem cell stimulating, skin-penetrating and moisture-retention properties.