

Ms. Lavenda EZ Serum Benefits

Component	Action	Other Names
Allantoin	Skin moisturizer, increases the smoothness of the skin; promotes cell proliferation and wound & scar healing; has soothing, anti-irritant, and skin protectant effect by forming complexes with irritant and sensitizing agents, modulates inflammatory response, promotes fibroblast proliferation and synthesis of the extracellular matrix, anti-dermatitic, anti-acne, encourages skin to shed dead cells	5-ureidohydantoin;
Carnosine	This peptide is one of the most effective and fast acting natural anti-aging compound available. It can reverse the signs of aging in senescent (old) cells within days. Stimulates wound healing. Suppresses excess immune responses in those who have "hyper" immune systems, whereas it stimulates the immune response in those with weakened immune systems. This is a critical benefit for people with allergies and people with autoimmune disorders. It works as an antioxidant to prevent the formation of oxidized sugars, so it is an anti-glycating agent, and if ingested, slows down progression of many degenerative diseases, such as diabetes, atherosclerosis, chronic renal failure, senile cataracts, and Alzheimer's disease; helps in autism. Antioxidant, free radicals scavenger. Inhibits sympathetic nervous system activity, protects against ischemia/reperfusion injury, helps prevent cardiovascular damage and brain injury (stroke) and cataract formation, delays onset of diabetes t. 2, inhibits new metastases (cancer). The studies showed that cells cultured with carnosine lived up to 3x longer and retained their youthful appearance and growth patterns. Not a carnitine! More on http://jonbarron.org/article/carnosine-still-best-anti-aging#.Vx0Ad8cR_eI	beta-alanyl-L-histidine;
DMAE	Reduces liver spots, sagging skin & wrinkles; antioxidant, increases skin tone, skin anti-inflammatory. Extends the life of cells, inhibits the cross linking of proteins, which gives the skin a tone and firm appearance. If taken orally it improves memory & concentration, helps in ADHD, boosts energy level.	Dimethylaminoethanol; DMAE Bitartrate
Hyaluronic Acid	Induces tissue healing, especially the skin, good for eczema, moderates inflammatory response, scavenges free-radicals, results in fibrotic scarring by facilitating cell detachment. If ingested it delivers building blocks for connective tissue, skin and joints. the average human has approximately 15 grams of hyaluronan (hyaluronic acid) in the body, one-third of which is "turned over" (degraded and synthesized) every day. Promotes EZ water formation, compatible with all body fluids (EZ stands for exclusion zone; described by Gerald H. Pollack (2013) The Fourth Phase of Water; Beyond Solid, Liquid, and Vapor, Ebner & Sons Publishers, Seattle, WA, USA. Check the link: http://www.ebnerandsons.com	composed of D-glucuronic acid and D-N-acetylglucosamine;
Leucine	Helps regenerate aging skin and reduce fine lines and sagging skin; it is said to create firmer, more supple skin and increase elasticity by repairing aging skin tissue. Leucine also aids in wound healing. It has about a 10 fold greater impact on protein synthesis than any other amino acid.	L-Leucine, Leu, L;
Lysine	Promotes skin health through increased collagen formation. Cleanse the skin from blemishes, herpes, acne & cold sores, stimulates collagen & elastin synthesis, strengthens hair, increases serotonin levels (anti-anxiety), aids in the absorption of calcium	L-Lysine, Lys, K;
MSM	Natural analgetic, blocks inflammations and inflammatory processes, improves the permeability of cell membranes, dilates blood vessels, enhancing the blood circulation, muscle relaxant, aids the natural defense mechanisms in the body, regulates the formation of antibodies and immune complexes, heals scar tissue, making the skin more flexible, causes better absorption of nutrients, antioxidant, improves detoxification, alleviates the symptoms of a large number of allergies (including autoimmune), histamine inhibitor, slows down cancer, anti-parasitic, reduces stress, makes skin healthy, reduces itching, acne, dermatitis, dandruff, rashes, heals scars, boosts energy level.	Methylsulfonylmethane

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Niacinamide	Very useful in skin care applications. Enhances overall skin health and reduce the signs of aging. Studies report significant skin appearance improvement effects for topical niacinamide: reductions in fine lines and wrinkles, effective skin lightening for hyperpigmented spots, reduction in red blotchiness and rosacea, reduction in skin yellowing, and improvement in skin elasticity.	Vitamin B3
Pantothenic Acid	Has moisturizing effects on the skin. Supports wound healing, especially when applied topically, by stimulating growth of cells that are responsible for generating connective tissue after injury. This may be particularly true if vitamin B5 is combined with vitamin C (present in EZ serum). B5 vitamin may also promote the growth and differentiation of keratinocytes, which are essential for maintaining a healthy barrier function in the skin. Increases levels of glutathione in the cells, which acts as a potent antioxidant in the skin and protects against oxidative damage of cell membranes, reducing the effects of sun damage, pollutants, and other stressors. This can help reduce the signs of aging, prevent wrinkles, and even defend against skin cancer. Other health benefits of internal use include the alleviation of conditions like asthma, hair loss, allergies, stress and anxiety, respiratory disorders and heart problems. Plays a role in a wide variety of biological activities, including energy production and protein and fat synthesis, and is needed by many different types of skin cells for proper regeneration and growth. Needed for cholesterol synthesis, important cell membrane constituent.	Vitamin B5
Folic Acid	Promotes growth of fibroblasts. The microscopic observation of the test culture further revealed that the fibroblasts were in presence of folic acid more regular in shape (spindle-shaped), indicative of a high proliferation capacity. Folic acid treatment prior to UV exposure can increase the survival rate of skin cells after exposure to UV radiation and prevent photo-aging by increasing the repair rate of UV-damaged DNA. Acts as a cofactor in certain biological reactions, lowers levels of homocysteine.	Vitamin B9
Vita C Stable	The most stable Vitamin C derivative available. It reduces wrinkles, lightenes skin, reduces age spots, and promotes cell proliferation and collagen synthesis. Active at as low concentrations as 0.1%. More on http://www.ultrachem.com/skin-care/k3-vita-c	AAP, K3 Vita C, Aminopropyl Ascorbyl Phosphate;
Colhibin	Rice derived peptide fraction that protects collagen from the harmful effects of collagenases. Clinically proven to help to reduce skin roughness and to delay wrinkle formation. Promotes smooth skin and minimizes the appearance of fine lines and wrinkles.	Hydrolyzed Rice Protein;
Matrix Peptide	Matrix Peptide is pure (>99.7%) G-P-Hyp tripeptide. With a molecular weight of 285 D it shows excellent bioavailability. In-vitro experiments have demonstrated Matrix Peptide will significantly increase the synthesis of collagen I by binding to fibroblast receptors to initiate collagen production, making Matrix Peptide suitable for a variety of skin care applications to help minimize the appearance of fine lines and wrinkles.	Tripeptide-29
Pepha Tight	Highly purified biotechnologically produced extract from the microalgae <i>Nannochloropsis oculata</i> combined with a well balanced fraction of polysaccharides. It functions as a skin tightener which provides immediate tightening to the skin. It has been shown to protect human fibroblasts from oxidative stress, simultaneously increasing the formation of collagen-I thereby promoting a long term tightening effect through the strengthening of the skin's connective tissue.	Pullulan
Aloe Vera Juice	Enhances collagen and hyaluronic acid synthesis to help rejuvenate skin. Lightens blemishes, moisturizes the skin and gets rid of dead cells along with wrinkles and fine lines. It also helps in getting rid of stretch marks. Reduces the irritation and inflammation of the skin and heals the cuts. remedy for curing acne and pimples and also its scars. It has antimicrobial property that helps kill the bacteria causing acne and reduces the acne marks by lightening the skin. The juice contains also Citric Acid and Potassium Sorbate. Citric acid promotes skin peeling and re-growth in the case of anti-aging products. Citric acid is naturally found in lemon and other citric fruits. Potassium Sorbate is antifungal, naturally found in the berries of the mountain ash tree.	Used to replace water to dissolve all the ingredients.