

Skin Nourish

Enhances Radiance, Moisture & Elasticity‡

DESCRIPTION

Skin Nourish contains a special skin nutrient blend containing polyphenolic compounds from grape seed, superoxide dismutase (SOD) from melon, vitamin C and zinc, to support healthy skin and appearance. These antioxidants, in combination with ceramides, enhance skin hydration and improve the appearance of wrinkles and elasticity for more radiant skin.‡

INDICATIONS

- Enhances skin radiance and elasticity‡
- Improves the appearance of wrinkles‡
- Supports skin hydration and collagen formation‡

FUNCTIONS AND MECHANISM OF ACTION

Skin elasticity, luminosity, and moisture are contributing factors to skin radiance. During the natural aging process, the skin undergoes morphological, structural and functional changes that affect these factors, including a reduction in collagen and elastin fibers, which leads to the formation of lines and wrinkles. In addition, environmental stressors may lead to oxidative stress exposure and impact skin aging and health

SkinAx²™, a clinically studied combination of grape seed, SOD, vitamin C, flavanols and zinc, was shown to enhance skin luminosity and firmness after eight weeks of supplementation. These rich sources of antioxidants also improved skin elasticity and imperfections. Grape seed extract provides a unique profile of proanthocyanidins and other polyphenols that possess a multitude of health benefits, including support for healthy cells and blood microcirculation, which play a role in skin complexion and appearance. Vitamin C is a known antioxidant that quenches free radicals to help protect the skin's lipids. Vitamin C supplementation has been shown to support skin health and collagen synthesis by directly mediating the generation of free radicals while providing antioxidant protection. Flavanols are a group of bioactive compounds that work synergistically with Vitamin C for greater antioxidant activity. In a clinical trial, individuals who supplemented with flavanols saw positive effects on facial wrinkles and elasticity. Melon provides a concentrated source of superoxide dismutase, which has been shown to increase endogenous antioxidant enzymes and break down free radicals. Zinc is a vital trace mineral that also possesses antioxidant function. It promotes skin barrier function against oxidative stress and plays a role in skin health through cell division and DNA repair.‡

Ceramides account for 40% of skin intracellular lipids, which are important for maintaining skin barrier function. When ceramides are lacking, water is lost through the epidermis layer, resulting in the appearance of skin dryness, wrinkles, and skin aging. Thus, increasing ceramide levels may contribute to healthy skin appearance. In clinical studies, individuals who supplemented with plant-derived glucosylceramides had enhanced levels of ceramides, along with improved skin moisture retention and skin barrier function. Digalactosyl diglyceride (DGDG) is an emulsifier that improves the intestinal absorption of glucosylceramide. Glucosylceramide and DGDG have been clinically studied to moderate wrinkles and promote skin hydration, elasticity, and smoothness. ‡

This formula contains silica and the antioxidant properties of bamboo extract, which may provide support against oxidative stress from environmental stressors that contribute to skin aging. Skin Nourish offers a unique combination of plant bioactive compounds that support healthy skin appearance, along with vitamin and mineral co-factors such as vitamin C and zinc, which play a role in collagen formation.‡

FORMULA (#202269)

Serving Size 1 Vegetarian Capsule:

Vitamin C (as ascorbic acid)	12 mg
Zinc (as zinc citrate)	4 mg

Polyphenols (from grade seed extract (<i>Vitis vinifera</i>))	105 mg
Total Flavanols Monomers	42 mg
Total Flavanols Oligomers	12 mg
Superoxide Dismutase (SOD) (coated dried melon juice concentrate (fruit) (<i>Cucumis melo</i>))	31.5 IU
Ceramosides™	30 mg
(ceramide wheat seed extract* (<i>Triticum vulgare</i>), standardized to 50% glycosylceramides, 40% digalactosyl diglyceride (DGDG))	
Bamboo Extract (<i>Bambusa vulgaris/Bambusa arundinacea</i> , exudate/stem, providing 50% silica)	100 mg

Other ingredients: Microcrystalline cellulose, hydroxypropyl methylcellulose (capsule), silica, ascorbyl palmitate, vegetable stearate and coating ingredients (ethylcellulose and palm oil)

*Wheat has been processed to allow Ceramosides™ to meet the FDA requirement for a gluten-free claim.

SkinAx²™ is a trademark of Activ' Inside.

Ceramosides™ is a trademark of EPI France.

SUGGESTED USE

Adults take 1 capsule daily or as directed by a health professional.

WARNING

If you are pregnant or nursing, or if you are taking prescription medication, consult your health professional before using this product.

STORAGE

Store in a cool, dry place. Keep out of reach of children.

REFERENCES

- Baret M, Bensimon N, Coronel S, et al. *Skin Res Technol*. 2006 Nov;12(4):254-60.
- Bielfeldt S, Springmann G, Seise M, et al. *Int J Cosmet Sci*. 2018 Aug;40(4):348-355.
- Puppels GJ, Caspers PJ, Lucassen GW. United States Patent Application, 2005. US2005/0117150 A1.
- Trojahn C, Dobos G, Schario M., et al. *Skin Res Technol*. 2015;21,69–75.
- Haydont V, Bernard BA, Fortunel NO. *Mech Ageing Dev*. 2019;177:150–6.
- Kohen R. *Biomed Pharmacother*. 1999;53(4):181–192.
- Choung BY, Byun SJ, Suh JG, Kim TY. *Exp Dermatol*. 2004;13(11):691–699.
- Dumoulin M, Gaudout D, Lemaire B. *Clin Cosmet Investig Dermatol*. 2016;9:315-324.
- Zhang H, Liu S, Li L, et al. *Medicine*. 2016;95(33):e4247.
- Hemmati AA, Foroozan M, Houshmand G, et al. *Glob J Health Sci*. 2014 Oct 29;7(3):52-8.
- Kaur M, Agarwal C, Agarwal R. *J Nutr*. 2009 Sep;139(9):1806S-12S.
- Sparavigna A, Tenconi B, De Ponti I, Guglielmini, G. *Cosmetics*. 2014;1:105-116.
- Baret M, Bensimon N, Coronel S, et al. *Skin Res Technol*. 2006 Nov;12(4):254-60.
- Pullar J, Carr A, Vissers M. *Nutrients*. 2017; 9(8). pii: E866.
- Hinek A, Kim HJ, Wang Y, et al. *J Dermatol Sci*. 2014;75(3):173–82.
- Kishimoto Y, Saito N, Kurita K, et al. *Biochem Biophys Res Commun*. 2013;430(2):579–84.
- Lee C, Yang H, Kim S, et al. *Int J Cosmet Sci*. 2016;38(4):375-81.
- Kim M, Yang H, Kim H, et al. *Int J Cosmet Sci*. 2014;36(3):207-12.
- Yoon HS, Kim JR, Park GY, et al. *J Nutr*. 2016 Jan;146(1):46-50.
- de Souza RF, De Giovani WF. *Redox Rep*. 2004;9(2):97–104.
- Tavadyan LA, Minasyan SH. *J Chem Sci*. 2019;131:40.
- Carillon J, Romain C, Bardy G, et al. *Free Radic Biol Med*. 2013 Dec; 65:254-261.
- Carillon J, Knabe L, Montalban A, et al. *Mol Nutr Food Res*. 2014 Apr; 58(4):842-50.

Carillon J, Fouret G, Feillet-Coudray C, et al. *Food Chem Toxicol*. 2013 May; 55:323-8.
Ighodaro OM, Akinloye OA. *Alexandria J*. 2018;54(4):287-293.
Vollmer D, West V, Lephart E. *Int J Mol Sci*. 2018;19(10). pii:E3059.
Ahmad W, Irvine AD, Lam H, et al. *Am J Hum Genet*. 1998;63(4):984-91.
Gray GM, Yardley HJ. *J Lipid Res*. 1975 Nov; 16(6):441-7.
Imokawa G, Abe A, Jin K, et al. *J Invest Dermatol*. 1991 Apr; 96(4):523-6.
Uchiyama T, Nakano Y, Ueda O, et al. *J Health Sci*. 2008;54(5):559-566.
Koikeda T, Tokudome Y, Okayasu M, et al. *Curr Med Chem*. 2017;17(1):56-70.
Ishikawa J, Takada S, Hashizume K, et al. *J Dermatol Sci*. 2009;56(3):220-222.
Asai S, Miyachi H. *Rinsho Byori*. 2007 Mar;55(3):209-15.
Hauksson JB, Bergqvist MHJ, Rilfors L. *Chem Phys Lipids*. 1995;78:97-102.
Meguro S, Higashi K, Hase T, Honda Y. *Eur J Clin Nutr*. 2001;55:513-517.
Bizot V, Cestone E, Michelotti A, Nobile V. *Cosmetics*. 2017;4(37).
Kawamura J, Kotoura, S, Okuyama T, et al. *J Japanese Soc Food Sci Tech*. 2013;5:218-224.
Tanaka A, Zhu Q, Tan H. *Molecules*. 2014 Jun 18;19(6):8238-60.
Wang J, Yue YD, Tang F, Sun J. *Molecules*. 2012 Oct 19;17(10):12297-311.
Zhao X, Qi Y, Yi R, Park KY. *Int J Biochem Cell Biol*. 2018 Oct;103:1-13.
Yang JH, Choi MH, Na CS, et al. *Nutrients*. 2019 Jan 8;11(1). pii: E114
Yu Y, Li Z, Cao G, et al. *J Food Sci*. 2019 Jun;84(6):1609-1620.
Paxton JZ, Grover LM, Baar K. *Tissue Eng Part A*. 2010;16:3515-25.
Shaw G, Lee-Barthel A, Ross ML, et al. *Am J Clin Nutr*. 2017 Jan;105(1):136-143.
Fernandez-Madrid F, Prasad AS, Oberleas D. *J Lab Clin Med*. 1973 Dec;82(6):951-61.
Tenaud I, Sainte-Marie I, Jumbou O, et al. *Br J Dermatol*. 1999 Jan;140(1):26-34.

For more information on Skin Nourish, visit douglaslabs.com

‡These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

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