

Introducing DermaNiA®

DermaNiA[®] is a novel Manchurian wild rice (*Zizania latifolia*) aerial extract. Manchurian wild rice was first cultivated in ancient China for its grain to be consumed as a food but today, it is more commonly the stem of the plant that is consumed. DermaNiA[®] uses only Manchurian wild rice grown in Korea and Japan. Through a proprietary extraction process using ethanol, water, and an enzymatic treatment, BTC Corporation, a partner of Gencor™ standardized the extract to tricin. While it proved difficult to obtain the active components of the leaves through conventional extraction methods alone, BTC's bioconversion technology (enzymatic treatment) allows for successful standardization. Production occurs in BTC's state-of-the-art facility in Korea which employs various processes to preserve the desired qualities of the raw materials.

DermaNiA® Benefits

- Skin hydration*
- Reduced appearance of wrinkles around the eyes*

DermaNiA® Formulation Features

- Clinically supported dosage: 250mg/day
- Self-affirmed GRAS dossier in progress
- Allergen free (Major 9)
- Vegan/vegetarian
- Applications: capsule, tablet, softgel, gummy, ready-to-mix (RTM) powder, functional food

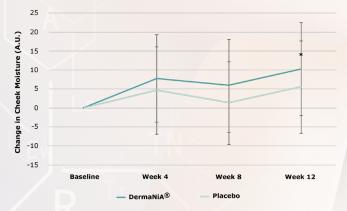
Science Inside

Moon, J. M., Kim, T. Y., Lim, C. Y., Kang, J. Y., & Oh, S. H. (2021). Food Supplements and Biomaterials for Health, 1(2).

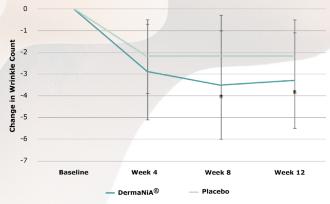
- Study Design: Randomized, double-blind, placebo-controlled trial
- Subjects: 80 women aged 30 to 50 with skin dryness and wrinkles around the eyes
- Intervention: 125mg twice daily (250mg/day) of DermiNia[®] of a matching placebo
- Study Duration: 12 weeks

Key Results

- Significant improvement in moisture level in the cheek in comparison to the placebo (p = 0.037)
 - Indicates that DermaNiA® supports skin hydration
- Significant improvement in wrinkle count around the eyes in comparison to the placebo (p = 0.016)
 - Indicates that DermaNiA[®] supports a reduced appearance of facial wrinkles



Mean change in moisture in arbitrary units (A.U.) (\pm SD) in comparison to baseline over 12 weeks. *Indicates a statistically significant (p < 0.05) change (increase) in cheek moisture over time as compared to the placebo group.



Mean change in wrinkle count (±SD) in comparison to baseline over 121 weeks. *
Indicates a statistically significant (p < 0.05) change (decrease) in wrinkle count over time as compared to the placebo group.





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