



**Nutramunity™ Beta-Glucan (NBG®):
Skin Care Applications**

Nutramunity™ is a beta-1,3/1,6-glucan, a bioactive component isolated from the inner cell walls of baker's yeast (*Saccharomyces cerevisiae*). In its purified form, this beta-glucan stimulates the surface of the skin and promotes cellular turnover.

Studies have demonstrated that the application of beta-1,3/1,6-glucan to the skin:

- ✓ Reduces the appearance of wrinkles and fine lines
- ✓ Reduces visible signs of skin aging
- ✓ Revitalizes the skin

How Nutramunity™ Works

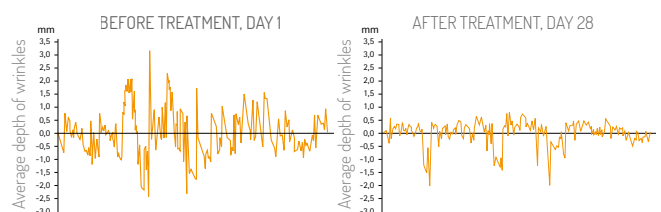
Epidermal immunity is what gives healthy skin the power to counteract the harmful effects of factors such as sun, smoke and stress, and to eliminate and regenerate injured or infected cells to maintain clear and healthy skin. As the skin gets older, it loses its healing power and the typical signs of aging appear. Collagen production diminishes, the skin's natural ability to protect itself declines, wrinkles and age spots appear, and the skin loses its healthy glow. NBG® is a powerful and clinically proven immune

enhancing skin care ingredient that works on the cellular level to stimulate the skin's ability to repair, renew and protect itself.

NBG® boosts the Langerhans cells in the skin. These cells are responsible for orchestrating collagen production and cell repair after exposure to sun, smoke and other environmental elements.

NBG® reduces the appearance of fine lines and wrinkles, delaying signs of early aging. Dermatological tests show reduction in wrinkle depth and length after 28 days of use.

**TOPICAL APPLICATION OF NBG®
REDUCES THE APPEARANCE OF WRINKLES AND FINE LINES**



Comparative FOITS* measurements were taken prior to and after four weeks of treatment with NBG® and confirmed a significant reduction in the appearance of wrinkles. The study was performed with female volunteers with an average age of 48 who had clear facial wrinkles. *Fast Optical In vivo Topometry of human Skin.

