

All natural, gluten-free Phytoceramides is a nutricosmetic, and a revolutionary approach to skin care. The secret is Ceramide-PCD® from Oryza. This all natural rice-based ingredient strengthens your cells and allows your skin to retain more moisture, naturally where you need it.

Ceramide-PCD was tested in a placebo controlled double blind study six weeks in duration with subjects taking 40 mg per day. Both Dermatological and three dimensional microscopic skin surface analyses were performed via VISIOCAN conducted by Courage and Khaza GmbH. Skin moisture content, smoothness, roughness, and scaliness (degree of dryness of the stratum corneum) were analyzed. The results follow.

### Skin Hydration

Skin hydration, or the ability of the skin to retain water, the number one nutrient for healthy and youthful skin, was also tested. The results are shown in Fig 1. Skin hydration improved 22% over a 6 week period. This improvement occurred across multiple parts of the body including under the eye, on the forearm and the neck. One major advantage of a hydrating supplement over a topical application is that it can affect the skin all over the body, not just where it is applied, as shown here.

### Ceramide-PCD Versus Other Phytoceramides

The hydration power of our phytoceramide formula, and particularly Ceramide-PCD from rice, was also tested versus other phytoceramides sources such as wheat and konjac/konnyaku. These results are shown in Fig 2 with Ceramide-PCD providing a superior moisturizing effect over the others.

### Skin Smoothness

Skin smoothness, or the reduction in skin roughness, was also tested as shown in Fig 3. Skin roughness was reduced 24% over a 6 week test, again across multiple parts of the body.

## Clinical Trial Test Results

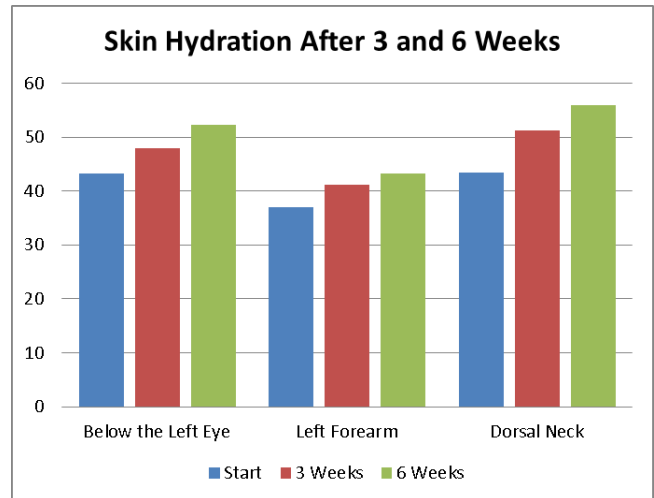


Figure 1

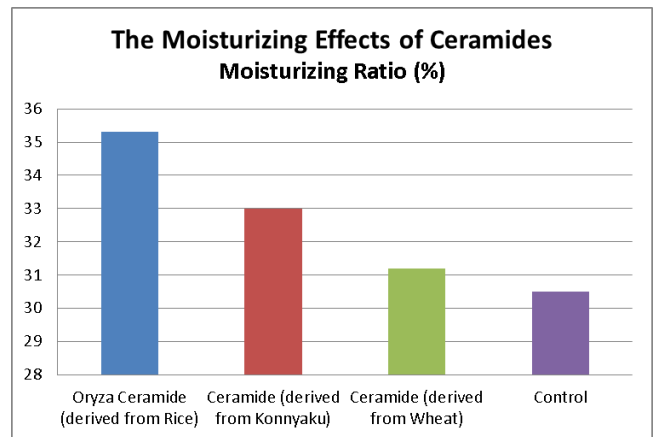


Figure 2

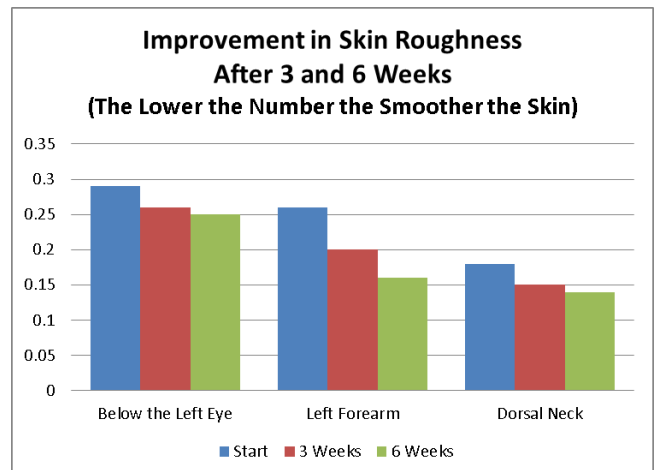


Figure 3

### Skin Cell Growth

Fibroblast growth was measured versus other ceramides and the results are shown in Fig 4. Versus the control ceramides from rice resulted in growth ratio of 65% versus 35% for corn and no effect for wheat.

### Anti-inflammatory

Besides moisturizing and smoothness effects, ceramides also exhibit anti-allergic and anti-inflammatory activities. Oral administration of Ceramide-PCD decreased scratching action in mice. See figure 5. Again rice was shown to be superior to other plant based ceramides reducing scratching nearly 90%.

### Conclusion

As our skin ages, research has shown the content of ceramides in our skin decreases. This decrease in ceramides leads to a number of changes that impact the overall health and appearance of our skin, including reduced moisture levels, increased roughness and inflammation.

Phytoceramides with Ceramide-PCD offers proven benefits in counteracting the impact of aging on our skin. Supplementing daily with only 40 mg of Ceramide-PCD improves ceramide content, increases moisture levels, reduces roughness, and promotes skin cell growth and a healthy response to inflammation.

	Percent Improvement
<b>Improvement in Skin Hydration</b>	<b>22%</b>
<b>Reduction in Skin Roughness</b>	<b>24%</b>
<b>Fibroblast (Cell) Growth</b>	<b>63%</b>
<b>Scratch Inhibition</b>	<b>90%</b>

Phytoceramides with Ceramide-PCD should be considered an essential part of every person's daily skin moisturizing and health routine.

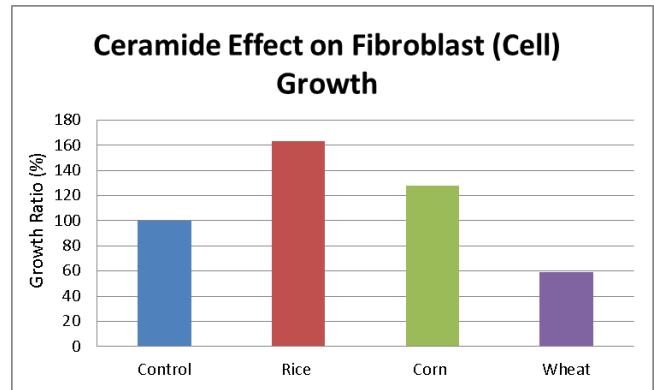


Figure 4

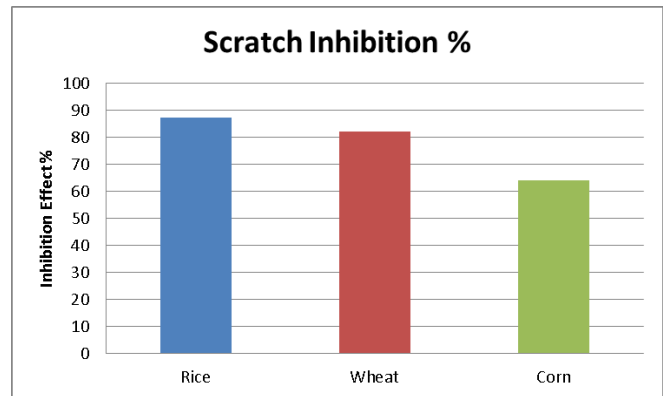


Figure 5