

Our acne formula's primary ingredients include Kiwi Seed Extract and Ceramide-PCD®, both clinically tested for their effects on acne, skin hydration and skin smoothness. The results of these tests are shown here.

#### Acne

Our Acne Formula was tested for its effect on the reduction of acne as measured by the actual occurrence of various types of acne on the skin, plus the ability for the skin to produce sebum, one of the primary causes of acne. Observations were made for the presence of comedonal acne, the kind of mild acne that involves blackheads and whiteheads. It forms because a component of skin oil called sebum, along with old skin cells; block the pores of the skin. Comedonal acne appears most often on the forehead, nose, and chin. As it gets more progressive it develops into pimples, can get inflamed, and develop into cysts. These were all measured during the 4 week study, with each stage scoring higher for its severance, with results shown in Fig 1. The observed acne improved 20% over the 4 week period.

The capacity to produce sebum, a primary cause of acne, was also tested with the results shown in Fig 2. Sebum capacity was reduced by 34% over the 4 week period.

The test concluded skin conditions and conditions of acne were improved, mainly due to the inhibitive effect on sebum secretion, one of the primary causes of acne.

## **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 3. 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.

# Clinical Trial Results

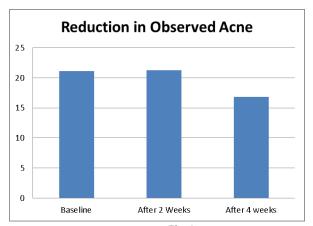


Fig 1

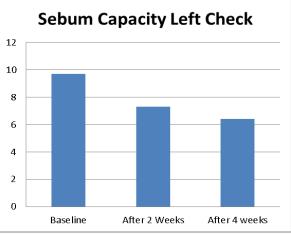


Fig 2

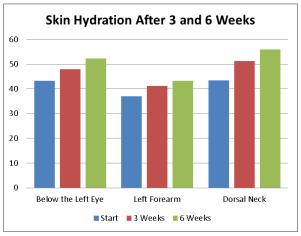


Fig 3

The hydration power of our Acne 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 4 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 5. Skin roughness was reduced 24% over a 6 week test, again across multiple parts of the body.

#### Other Test Results

Other test results not shown include improvements in skin health or fibroblast growth, scratch inhibition, under eye darkness and improvements in moisture of the corneous layers of the skin.

### Conclusion

Our Acne formula, made with Kiwi Seed Extract and Ceramide-PCD from rice, was shown to produce measureable improvement in the reduction in acne, better hydrated skin, and smoother more youthful skin, and other healthier skin benefits.

	<b>Percent Improvement</b>
Reduction of Acne	20%
Reduction of Sebum	34%
Improvement in Skin Hydration	22%
Reduction in Skin Roughness	24%

Add this to the fact the ceramides, a key component of the outer layers of the skin, reduce with age it seems apparent that our Acne formula should be considered an essential part of every person's daily skin moisturizing and health routine.

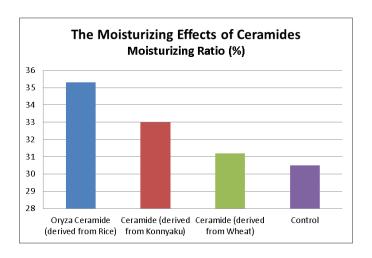


Fig 4

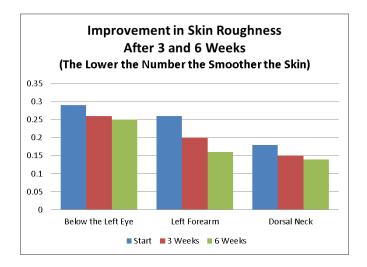


Fig 5