

# CeraLOK® From Oryza

Ceramide from Rice for Smoother,  
Healthier and Younger Skin\*

# CLINICALLY PROVEN

## to Improve Skin Moisture and Appearance\*

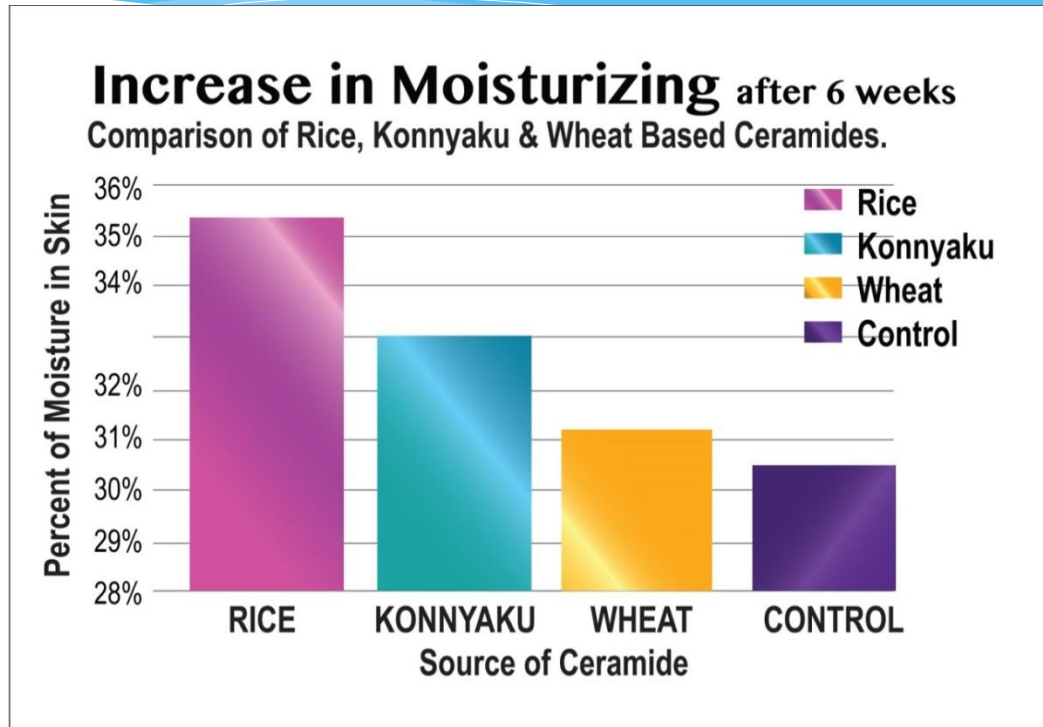
- Tested and Sold in Japan since 2001
- Key to moisture retention, skin health, and appearance.\*
- Ceramides make up 40% of the skins outer layer
- Clinical tested and shown to improve
  - Moisture retention\*
  - Dryness\*
  - Roughness\*
  - Appearance\*
- Gluten Free
- Superior to wheat based ceramides

# CLINICAL TRIAL DETAILS

- 33 people
  - 6 male
  - 27 female
  - Average age 25
- Placebo-controlled double blind study six weeks duration
- 40 mg/day daily intake of ceramides provide by Oryza
- Both dermatological and three dimensional microscopic skin surface analysis performed (VISIOCAN by Courage and Khaza GmbH)
- Evaluated skin moisture content, smoothness, roughness, and scaliness (degree of dryness of the stratum corneum)
- Study released June 1, 2000, completed by the independent third party at Soiken, Japan, Institute of General Medical Sciences.

# CeraLOK® FROM RICE

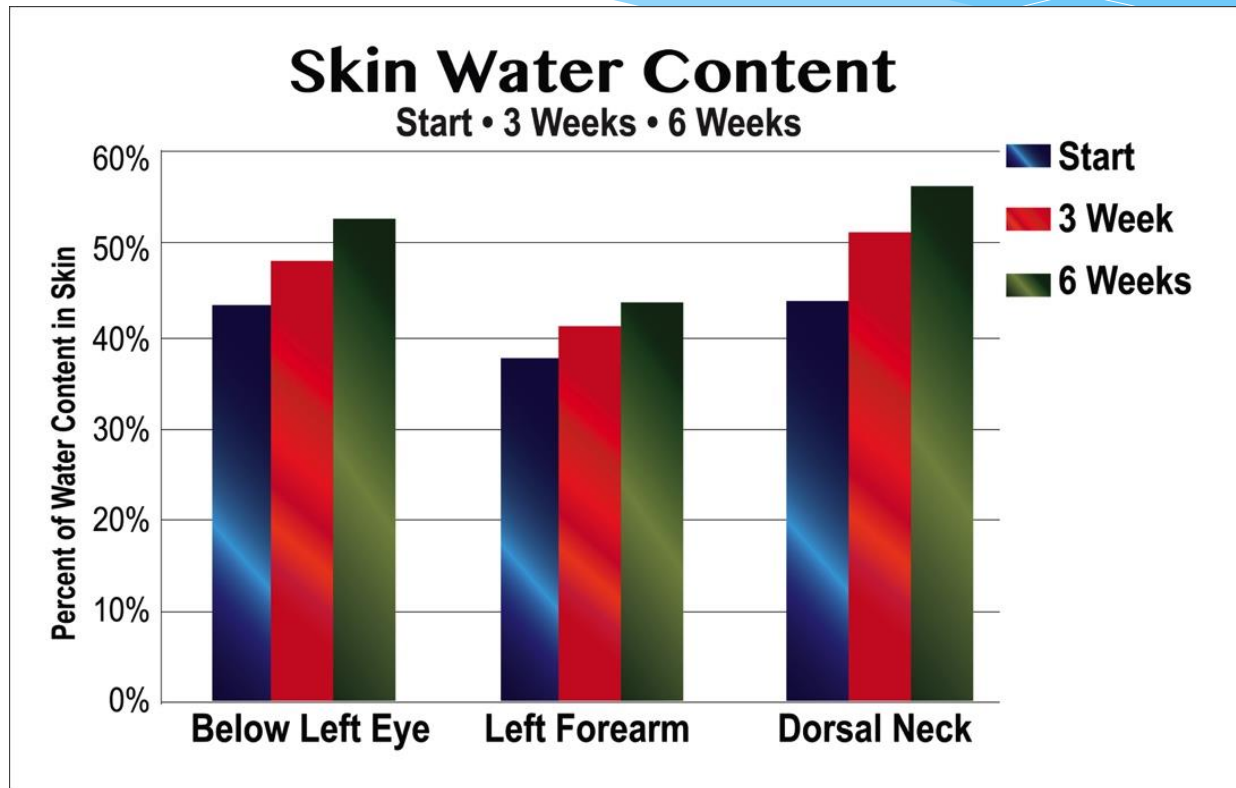
## Versus Wheat Derived Ceramides



The moisturizing effects of Oryza Ceramide was compared with other commercially available ceramides **Rice based ceramides demonstrated superior moisturizing effect with a moisturizing ratio of 35%.\***

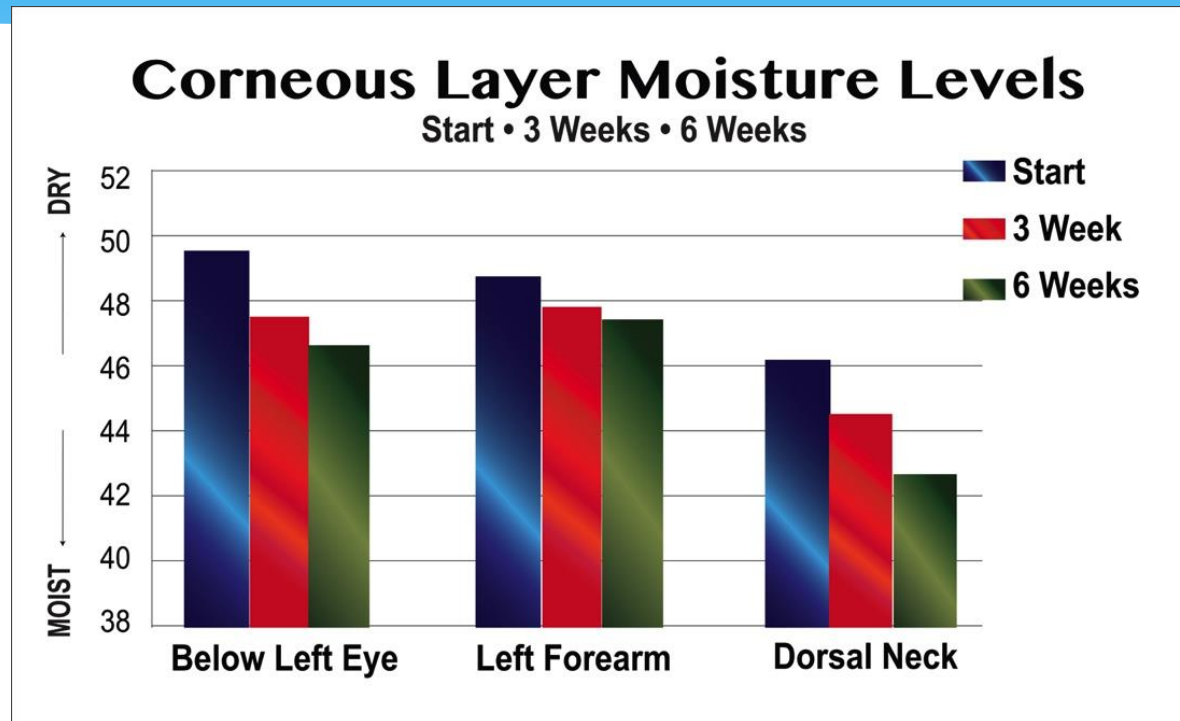
# SKIN MOISTURE CONTENT

After 3 and 6 Weeks



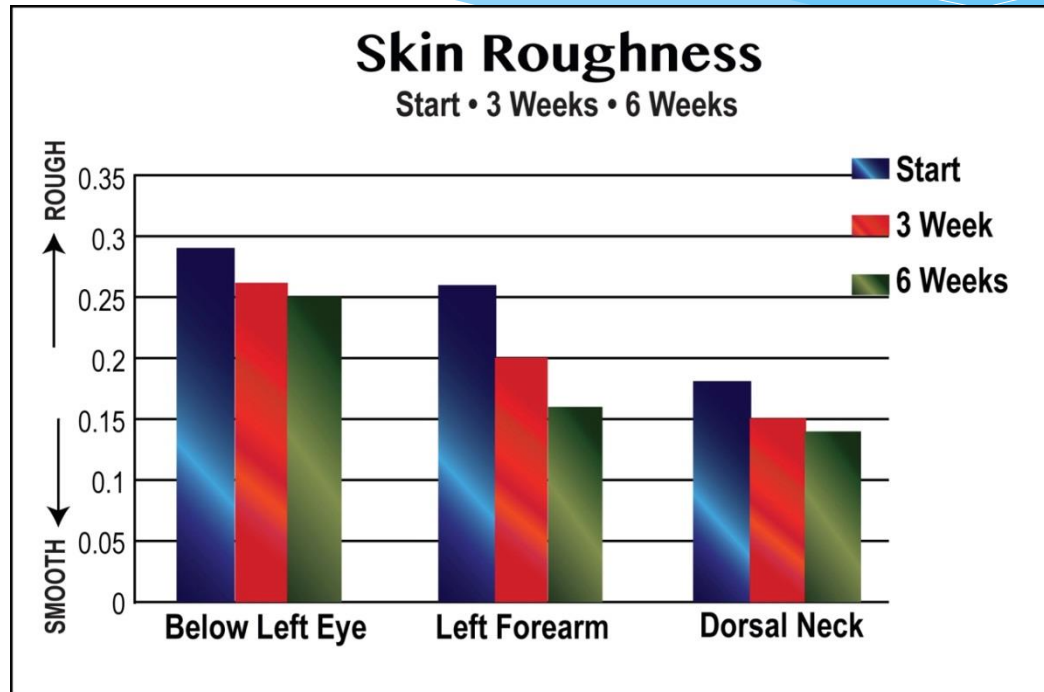
# CORNEOUS LAYER OF THE SKIN

Dryness after 3 and 6 weeks



Dry skin is characterized by a lack of moisture in its corneous layer, resulting in tightness and even flaking. The skin appears dull, especially on the cheeks and around the eyes. It may lack elasticity, with accentuated fine lines and wrinkles. In more severe cases, itching and burning may occur. Extremely dry skin shows signs of cracking and fissuring.

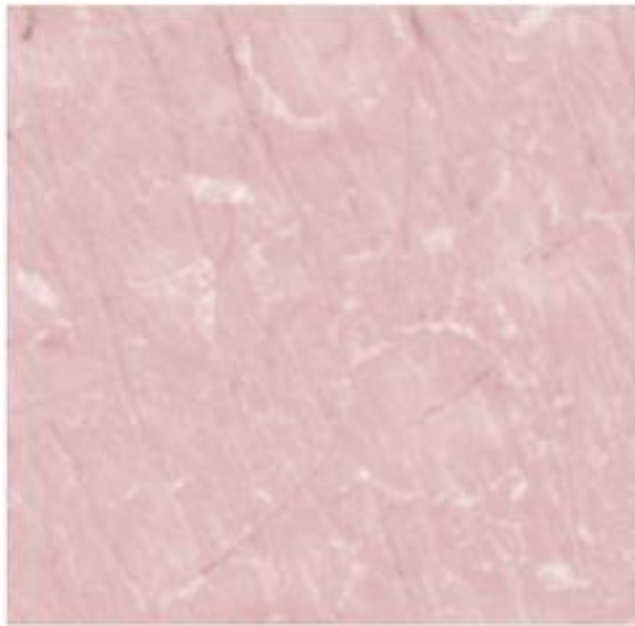
# IMPROVEMENT IN SKIN TEXTURE



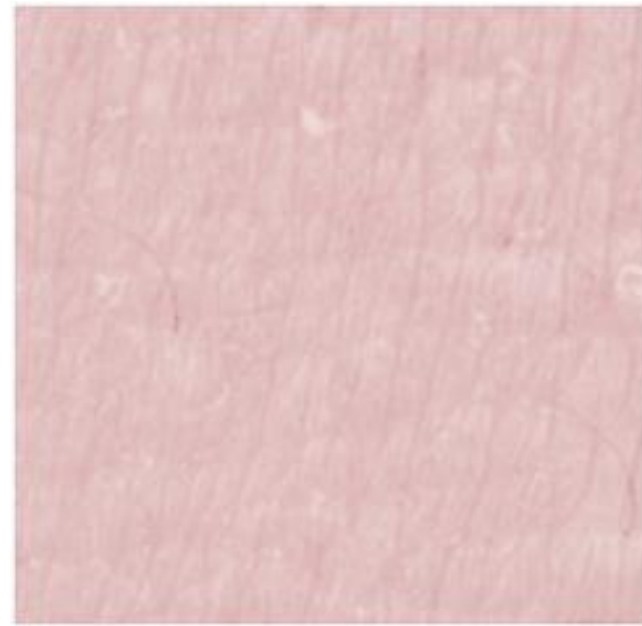
# RESULTS FROM 23-YEAR OLD WOMAN

Below the Left Eye

Before Taking Ceramide PCD



After 6 Weeks Taking Ceramide PCD





# CONCLUSIONS

**CeraLOK® was demonstrated to be effective in prevention of skin dryness and roughness by objective measurement in addition to observation by physicians. \***

Therefore, the dietary supplement containing rice-derived ceramide evaluated in this study may be a safe and superior beautifying agent, showing the effect by oral ingestion.\*

\*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.