

Nano-encapsulated polyphenols for skin & body health improvement



VIQUA® is a natural bio-compound formulated from pomegranates selected for their unique composition of polyphenols. VIQUA pomegranate is a geographically protected variety, GRANADA MOLLAR DE ELCHE, famous for containing 10 times more antioxidants than conventional varieties. Originated from the south of Spain, the pomegranates are grown without pesticides on the sea shore in Alicante using exclusively sea water for its irrigation. This natural stressor environment allows plants to develop polyphenols with more efficient actives even at low dosage.

VIQUA® complex rich in antioxidants such as punicalagin helps reduce free radicals production, reduce inflammation and glycation, promote cardiovascular health, improve micro-circulation and maintain healthy skin condition.

To assure the best delivery, the technology ADS is used so the bio-actives reach directly to the site they are effective in the body.

www.viqua.info

1 Skin moisturisation and regeneration

Increase Hydratation of dermis, epidermis and supporting structures of the skin

2 Skin lightning effect

Modulation of the overall skin tone to a lighter shade by inhibiting skin Roughness and Melansmas

3 Anti-aging and dermis protection

Inhibition of collagenase and elastase activity in human fibroblasts

1 SKIN MOISTURISATION AND REGENERATION

Method: Analysis of subjects skin condition after a randomized double-blind placebo controlled clinical study (ingestion of VIQUA® supplement during 4 weeks, 250mg/day), by VISIOSCAN Corneometer CM 825 – Visioscan VC98 – Skicon.

Hydration ↗ +40%

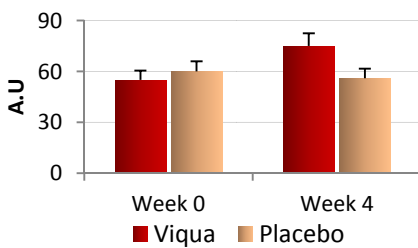


Figure 1: Skin layers moisturisation improved significantly under the treatment (40%).

Water Content ↗ +51%

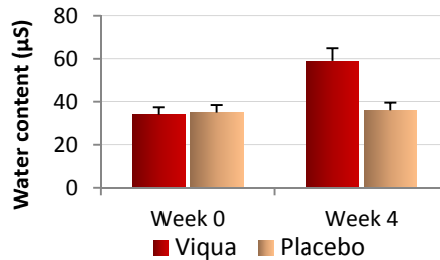


Figure 2: Water content of skin's upper layers (stratum corneum) increased by 51% after VIQUA® ingestion.

Wavy skin surface ↘ -27%

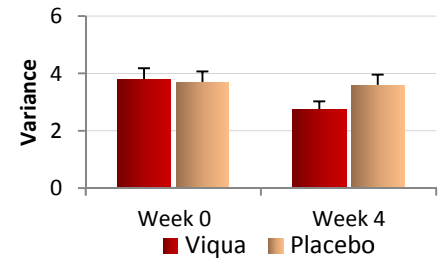


Figure 3: The size of wavy skin surface decreased by 27%, resulting in a better skin smoothness.

2 SKIN LIGHTENING - Skin Roughness and Skin Tone

Method: Analysis of subjects skin condition after a randomized double-blind placebo controlled clinical study (ingestion of VIQUA® supplement during 4 weeks, 250mg/day), by VISIOSCAN Corneometer CM 825 – Visioscan VC98 – Skicon.

Skin roughness ↘ -31%

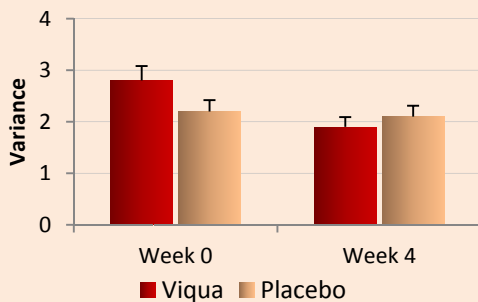


Figure 4: The skin roughness has significantly decreased after the active treatment (-31%) of VIQUA®.

Dark spot / Blemish up to ↘ -80%



Figure 5: Skin tone became brighter and dark spot color attenuated thanks to VIQUA® anthocyanins which enhance blood circulation. As a result, Melasmas are reduced up to 80%.

3 ANTI-AGING DERMIS PROTECTION - Inhibition of Collagenase and Elastase

Method: 72h treatment of human fibroblast cells (culture medium) with different concentrations of VIQUA®

Collagenase inhibition

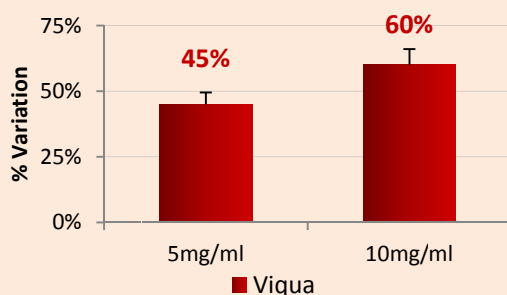


Figure 6: Collagenase activity decreased for each concentration (45% and 60%), reducing the degradation of collagen, a protein found in skin.

Elastase inhibition

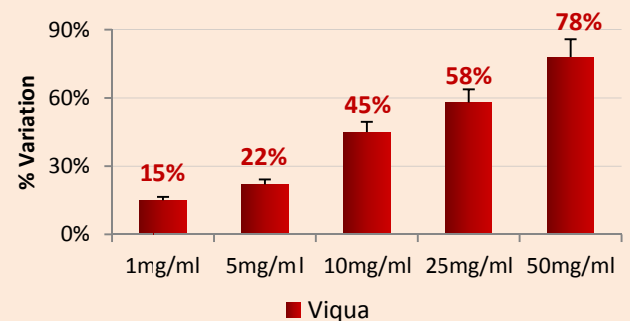


Figure 7: VIQUA® decreased up to 78% the catalytic activity of Elastase with a concentration of 50mg/ml. As a result, subjects also showed an attenuation of face wrinkles.