



INFO FLASH!

Get a "Vitamin C BOOST" with Bio-Pacific Skin Care's ColourDerma Serum!

Did you know?

Did you know that all Bio-Pacific products already contain Vitamin C?

It is one of the many vitamins, minerals, enzymes and amino acids occurring naturally in the Aloe Vera (Aloe Barbadensis Miller) plant ~ the freshly-harvested and cold-pressed extracts of which are the basis of every formulation in the Bio-Pacific and Natural Gold product ranges.

ColourDerma Serum

This is our "skin-whitening" product, used to treat problem areas of uneven dark skin pigmentation.

Apart from European berry extracts (like bearberry and mulberry) and liquorice, specially sourced for their gentle, natural lightening qualities, the ColourDerma Serum also contains Vitamin C extracted from grapefruit.

Whitening only?

When used twice-daily as part of a normal skincare treatment regime which addresses pigmentation problems, the ColourDerma Serum inhibits melanin production, "whitening" darker brown areas.

Boosting as well!

But, when used only once or twice a week (morning and evening) and *before* application of the Bio-Pacific Eye Contour Gel / Collagen Moist Gel, the ColourDerma Serum has the effect of more than "doubling-up" the skin's dose of Vitamin C!

Because all Bio-Pacific products are formulated in a natural base, the Vitamin C works with the <mps> mucopolysaccharide proteins (contained in different proportions in every product) to feed and stimulate the skin's own natural production of collagen, keeping it hydrated, supple and nourished.

Visibly "plumper" and smoothly "fuller" skin with a beautiful texture is the outcome!

Some background

Our skin darkens as a result of exposure to ultraviolet (UV) rays from the sun ~ this is one of the body's defensive mechanisms, the increased melanin forming a thicker protective layer (which is often really just crusty dead skin cells).

We can see this protective response having evolved to advanced levels (such as with "yellow" Asian skin types) or to an extreme degree (such as with dark African-American skin types).

But for fair European skin types, the body has had no need to adapt to the harsher sunlight of the tropical and equatorial regions ~ regardless of where in the world we live now ~ and this is why (apart from increased risk of skin cancers) such skin types often experience unbalanced pigmentation.

Processes involved

Exposure to UV rays activates tyrosinase molecules which interact with other components surrounding the melanocyte cells in the basal layer of the skin to trigger the production of melanin.

Tyrosinase activity then actually decreases as the melanosomes start to fill up with activated melanin.

Thus, if we can inhibit the tyrosinase from being triggered ~ without any harsh approaches or products which can actually damage the skin's cellular structure ~ we can slow down or stop the production of this unwanted extra brown melanin (especially if we are not genetically lucky to have even levels of melanin all over our faces and bodies).

Apart from improving the visual problems of uneven pigmentation, reducing unwanted melanin production also reduces the amount and thickness of the protective dark crusty cells which come to the surface, thus improving the skin's texture, health and overall complexion.

How does it work?

The bioflavonoids and triterpenes found in the raw plant and berry extracts (of which the ColourDerma Serum is partly comprised) have a synergistic effect ~ that is, they are more powerful than if they have been processed or artificially manufactured ~ and this works extremely well with the natural organic goodness of the base Aloe Barbadensis Miller formulation.

Both the bearberry and mulberry extracts are strong tyrosinase inhibitors, and both mulberry and liquorice also have strong anti-inflammatory properties (the latter also helps the product penetrate the skin).

The ascorbic acid of the Vitamin C extracted from grapefruit is a mild de-pigmenting agent, and is much more gentle for the skin than harsh AHA or glycolic products. Its nutritious stimulating effects go very well with the <mps> proteins in the base formulation, however.

Competitors' products?

Clinical studies have shown that other products, such as those using bergamot (almost completely useless for this application) or hydroquinone (seriously acidic, banned in France and the EU at levels above 2% in any skincare product, and capable of doing more harm than good to the skin), not only fail to inhibit melanin production in almost all instances, but, conversely, can more than double the enzyme activity of the tyrosinase!

At levels of 5% to 10%, the ingredients used in Bio-Pacific's ColourDerma Serum (actually 8%) have a near-100% success rate in inhibiting tyrosinase activity, stopping melanin production without stripping the skin away to do so. (Quite the opposite ~ feeding and nourishing the skin is Bio-Pacific's philosophy!)

Boost for benefit!

So incorporating the added "Vitamin C BOOST" of Bio-Pacific's ColourDerma Serum into even a normal daily skincare routine will swiftly and visibly produce natural, healthy benefits for your skin!