Hyalufix™ GL
by Beauty Creations
The shadow eraser™
Modifying shadows from within

What if radiance was only a matter of shadows and light?

Why do the faces of celebrities, when splashed across magazines, beautifully reflect light? Have the photos been touched up or is there a scientific reality behind it?

While some faces tend to look dull and lackluster through a lens, others glow with an inexplicable radiance as if they have been professionally enhanced.

In fact, there is a physical aspect that makes all the difference in the ability to «catch» light and glow... it is the unique balance of shadows and light that enhance or tarnish our beauty, much more than those small crow feet.

What do we call shadows and where do they come from?

Shadows appear in different areas of our face when we are tired and tend to be accentuated with age. These shadowed areas include dark under eye circles, hollowed areas in the cheeks, lines around the mouth and shadows under the chin... which are generally caused by weight loss as well as the thinning of the skin.

Is there a molecule in the skin that is capable of restoring volume in order to erase shadows and enhance the face’s radiant glow?

There is... the famous hyaluronic acid! But not just any hyaluronic acid!

Widely used as a popular injectable filler, as well as a cosmetic ingredient, hyaluronic acid works on different levels depending on its form. In fragments, it offers simple moisturizing action. When it has a higher molecular weight, it has texturizing and moisturizing properties, yet doesn’t fill in wrinkles because it doesn’t penetrate the skin. Certain active ingredients, including hyaluronic acid peptides, help boost the production process of hyaluronic acid. However, there is no guarantee that this hyaluronic acid will be of high quality...

Only hyaluronic acid with high molecular weight has three dimensional volume-enhancing properties. This is the type of hyaluronic acid that we have chosen to target with Hyalufix™ GL.

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Hyaluronic acid is produced naturally in the skin by the Hyaluronan Synthase family of enzymes. One of these enzymes is HAS-2, which is the only one that is capable of producing hyaluronic acid with a high molecular weight. The production of HAS-2 leads to the induction of molecules that enhance volume within the skin. We have discovered that galanga leaf extract has the unique ability to stimulate this HAS-2 enzyme, and in vitro studies indicate that the synthesis of HAS-2 results in a quantifiable increase of hyaluronic acid on the skin.

A clinical study conducted on 50 women showed that Hyalufix™ GL in a 3% concentration decreases the appearance of nasogenian folds more effectively than an anti-wrinkle peptide, after 4 weeks of application. After 3 months, we noted a visible decrease in the appearance of nasogenian folds.

After one month, the panelists themselves found that their faces looked increasingly radiant and voluminous (their skin had a smoother texture and appeared denser, firmer and had shapelier contours).

In line with the most recent innovations by Beauty Care Solutions, which have lead to products to improve the appearance of the face and entire body, Hyalufix™ GL is another innovation to enhance the skin’s appearance through reducing shadows, improving radiance, and visibly diminishing signs of wrinkles.

**Hyalufix™ GL**, a galanga extract, which creates hyaluronic acid that erases shadows

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**Properties**
Activator of hyaluronic acid synthesis of high molecular weight.

**Origin**
Extract of Galanga (*Alpinia galanga*)

**Skincare**
Care corrective face deep wrinkles,
Serum pulping face.
Reduces the appearance of nasogenian folds from 4 weeks

Helps erase shadows that show on the skin

Hyalufix™ GL 3%

In vivo study
On 25 women, ages 42 to 65.
Application on one half of each panelist’s face, twice a day.
The women applied Hyalufix™ GL (3 %) versus an anti-wrinkle peptide (3 %).
The panelists’ smile lines were measured using fringe projection on Day 1, after 1 month and after 3 months of product application.
What were the panelists’ impressions?

After 1 month

Increasingly radiant face
Increasingly radiant skin

The appearance of greater volume
The appearance of greater density

Fewer wrinkles were visible
Crow’s feet appeared diminished

Visibly more effective than my regular product

I prefer this product to my regular product
I feel that this product is more effective than my regular product

Results from a study conducted on 234 women between the ages of 45 and 64, divided up into 2 groups. 1 group of 115 women applied Placebo, 1 group of 119 women applied Hyalufix™ GL 3%. Application on the whole face, twice a day over a 4 week period. Double blind randomized trial.

The appearance of greater volume

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<thead>
<tr>
<th></th>
<th>Placebo</th>
<th>Hyalufix™ GL 3%</th>
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<tbody>
<tr>
<td>More volume</td>
<td>58%</td>
<td>63%</td>
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Significant frequency of positive answers, p<0.001

The appearance of greater density

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<th>Hyalufix™ GL 3%</th>
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<tbody>
<tr>
<td>Greater density</td>
<td>57%</td>
<td>66%</td>
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Significant frequency of positive answers, p<0.001

Fewer wrinkles were visible

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<th>Hyalufix™ GL 3%</th>
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<tbody>
<tr>
<td>Fewer wrinkles</td>
<td>35%</td>
<td>53%</td>
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** statistically significant vs. placebo, p<0.05

Visibly more effective than my regular product

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<tr>
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<th>Regular product</th>
<th>Hyalufix™ GL 3%</th>
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<tbody>
<tr>
<td>More effective</td>
<td>39%</td>
<td>54%</td>
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I prefer this product to my regular product

* significant frequency of positive answers, p<0.05

I feel that this product is more effective than my regular product

Summary file

REF A00102

DESCRIPTION
Aqueous extract of galanga.

REGULATORY DATA
INCI Water, Butylene Glycol, Alpinia Galanga Extract, Pentylene Glycol, Xanthan Gum, Caryopy/Capric Triglyceride.


PRESERVATIVES
None

PRELIMINARY SPECIFICATIONS
Dry weight (15 hours, 105°C) 0.5 - 1.5
Total Inorganic Matter Content (15 hours, 600°C) 0.0 - 0.5
Sugar content (Anthrone) 0.1 - 0.6

Appearance Opalescent to opaque liquid
Color Pale yellow to orangey brown
Odor Characteristic
d pH (Direct) 4.5 - 7.0
Aerobic bacteria (30°C) < or = 100/g
Pathogens None

FORMULATION DATA
Concentration of use 1 to 3%
Incorporation method Add at the end of the formula at room temperature using planetary agitation.

PATENT