

PhytoMilks™

Hydra-Rebalancing Milk

Inspired by nature,
**strengthened by
science**

PhytoMilks™ Hydra-Rebalancing Milk

INCI: Water (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Argania Spinosa Kernel Oil (and) Simmondsia Chinensis (jojoba) Butter (and) Glyceryl Stearate (and) Phospholipids (and) Glycerin (and) Polyglyceryl-10 Oleate (and) Polyglyceryl-10 Dioleate (and) Sodium Stearoyl Lactylate (and) Cetearyl Alcohol

Skin mimetic lipid

Vegan Milk

Deep skin conditioning

Micro-droplet emulsion for increased bio- availability

Delivery of nourishing natural oils

Recommended applications



Face care



Body care



Hair & scalp
care

When we are born, milk is our very first source of nutrients. PhytoMilks™ are bio-mimetic complexes that provide skin and hair care benefits in your formulations.

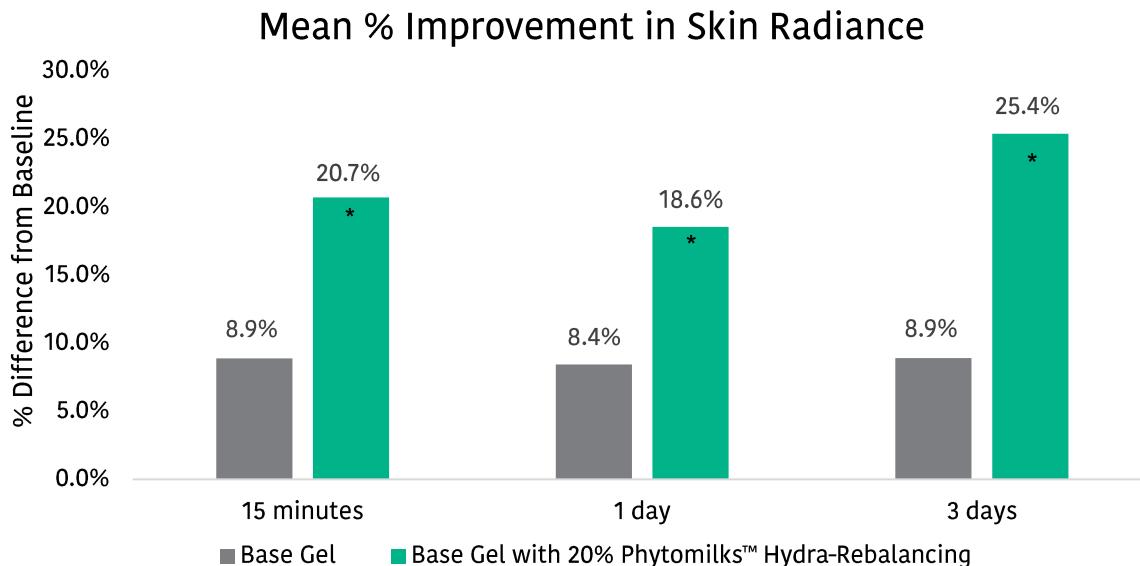
PhytoMilks™ are stable, water-thin, oil-in-water emulsions designed to be used alone or added in your formulations. PhytoMilks™ combine two Vantage proprietary technologies that contribute to skin and hair care benefits:

- Bio-mimetic and plant-based phospholipids restore skin's natural barrier function and rebuild skin hydration levels. They also help with the bio-availability of lipid-rich natural oils by creating micro-droplets that can easily be absorbed onto the skin.
- The ultrasonic cavitation process allows the creation of ultra-thin milks with specific particle size, making these milks stable when used alone or when incorporated in your formulation. The controlled emulsion structure makes PhytoMilks™ stable and improves the conditioning effect of natural oils.

PhytoMilks™ Hydra-Rebalancing Milk was created to leverage the skin benefits of jojoba oil and argan oil in an ultra-potent combination that regulates skin condition to restore skin barrier function, normalize skin microbiome and bring it back to its healthiest state. The potent ingredients that make PhytoMilks™ Hydra-Rebalancing Milk have been substantiated for multiple skin benefits including:



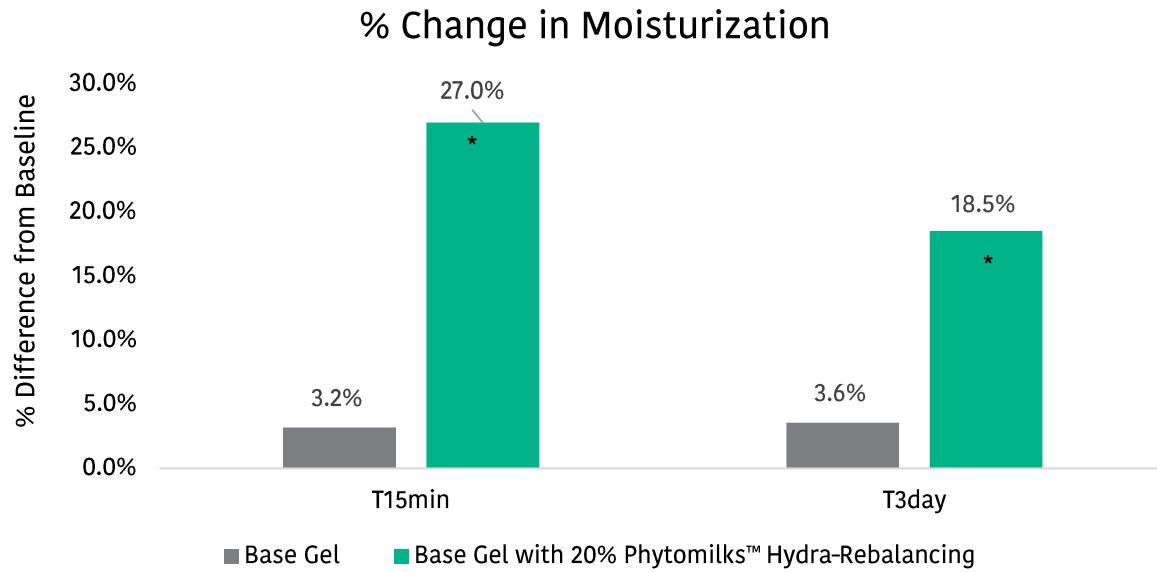
Significant effect on skin radiance and glow



* Statistically significant vs placebo (p-value <0.05)

Phytomilks™ Hydra-Rebalancing provides a greater than two-fold increase in skin radiance and glow compared to base gel

Significant effect on skin moisturization



* Statistically significant vs placebo (T15M p-value 0.000, T3D p-value <0.015)

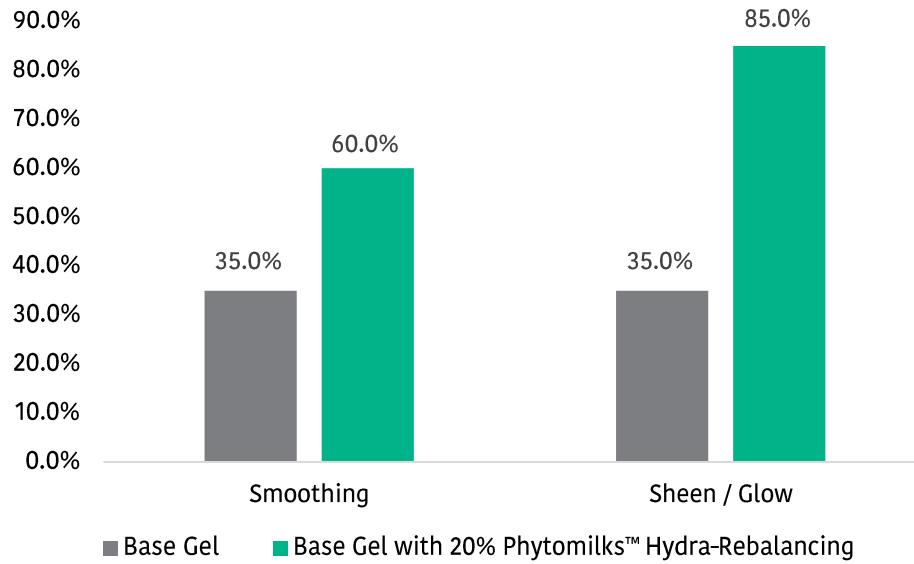
Phytomilks™ Hydra-Rebalancing provides a five-fold increase in moisturization compared to the base gel alone

Clinical evaluation: Effect on skin appearance



Clinical evaluations were conducted by a trained laboratory technician for skin smoothing, matte effect and sheen/glow 15 minutes after the first application. Results are shown for % of subjects with improved skin appearance for the skin parameters of smoothing, matte effect, and sheen/glow. Results are clinically relevant if at least 50% of subjects had improvement.

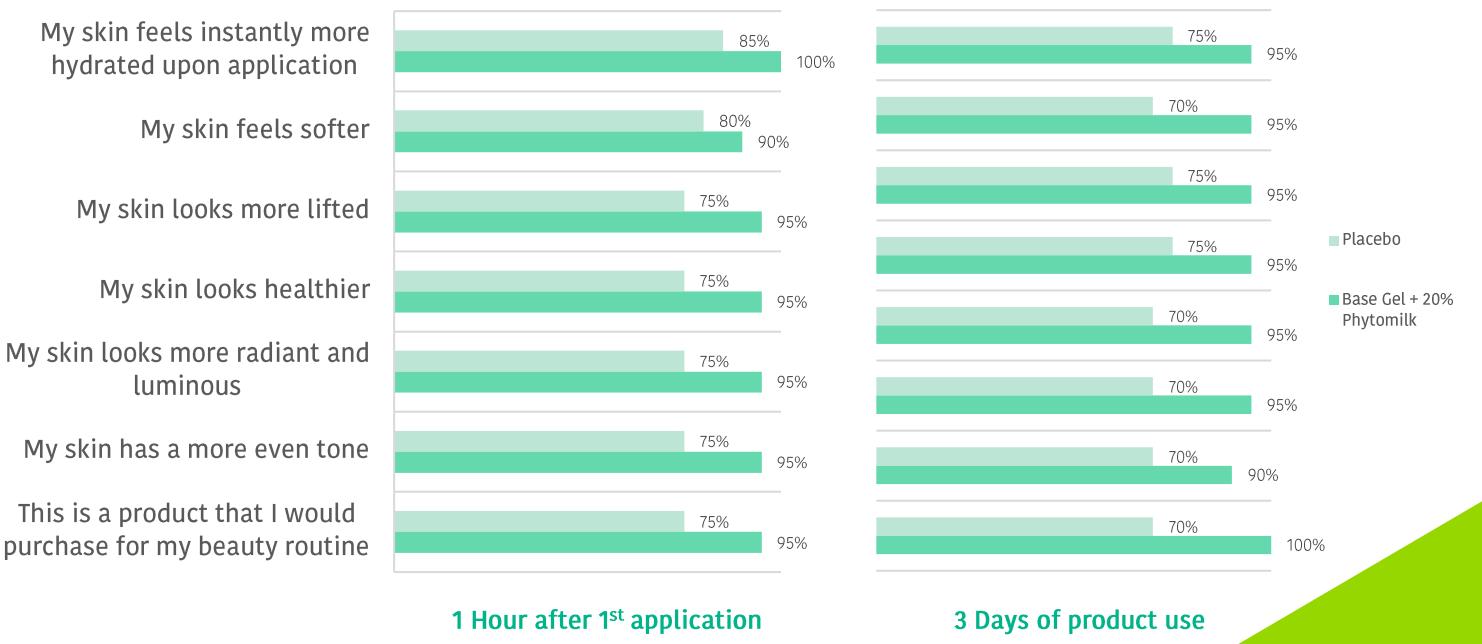
Mean % Improvement in Skin Appearance



Phytomilks™ Hydra-Rebalancing demonstrated clinically relevant improvements in >60% of subjects for a smoothing effect and 85% of subjects had improvements in sheen/glow

Consumer perception: Skin appearance attributes

Panelists were asked whether they agreed or not with several statements related to skin appearance 1 hour after the 1st application, and then again after using the base gel with 20% Phytomilks™ Hydra-Rebalancing for 3 days.

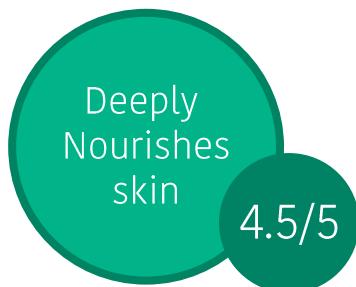
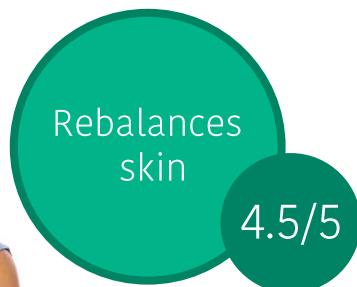


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Appearance @ 25°C	Fluid Emulsion
Preservative system	Glyceryl Caprylate, Glyceryl Undecylenate
Recommended use level	1-100%

Approved by consumers



Purchase intent - Tested by independent consumer research agency - 3000 female respondents

Formulation concepts based on PhytoMilks™ Hydra-Rebalancing Milk were introduced to consumer during a panel evaluation, among other type of beauty concepts. Consumers strongly connected with the concept of PhytoMilks™, and liked the notion of a vegan milk that would provide intensive skin nourishing, while rebalancing the skin and strengthening skin barrier function.

Fits all your clean and vegan project needs

PhytoMilks™ Hydra-Rebalancing Milk can easily be used alone and directly sold to consumers, or at lower percentage in your formulation. PhytoMilks™ Hydra-Rebalancing Milk is a light, fast absorbing milk. Upon application, it contributes to providing a subtle glow on skin which reemphasizes the perception of efficacy by the user.

- Designed to be added post-emulsion, post-neutralization or as a final step at temperatures below 35 °C (no high shear mixing; pH between 4.0 – 8.0)
- Suitable for cold-process and sprayable formulations
- Versatile and easy to use

1%

100%

Conditioning Milk

- Hair conditioning claims
- NOI > 99%
- Natural oils
- Excellent stability

Conditioning Complex

- Natural oils INCI claims
- Easily added to a broad range of formulas
- Cold-process



Sticks



Balms



Creams



Serums



Spray

Optimized cost

100% skin benefits

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All data, including the formulations and procedures discussed herein, to the knowledge of Vantage™, are believed to be correct, reliable and accurate. Please note, however, that Vantage™ does not warrant or guarantee any accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to determine the suitability and completeness of such information for the user's particular use (including performing any necessary confirmatory tests). Vantage™ is not responsible or liable for any loss or damage that may occur from the use of this information, nor do we warrant against any patent infringement. Nothing contained herein shall be construed as providing any permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.

 **Vantage**

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