

Visilift™



peach film-former for instant lift and firmness

Actera

INCI

Prunus Persica (Peach) Resin Extract

Applications

- Water-based gels, serums, and gel-creams
- Anti-aging serums
- Lifting and firming treatments
- Facial micro-sculpting

Key Benefits

- Hydrating film-former
- Skin feels firmer within 10 minutes
- It lifts and smoothes fine lines and wrinkles for up to 8 hours
- Improves skin elasticity



Bioactive Rationale

Visilift is a clean natural product derived from the peach gum (*Prunus persica*) and engineered to quickly smooth fine lines and wrinkles.

Peach gum is a highly branched polysaccharide made of arabinose and galactose polymers assembled in various molecular weights. To make Visilift, a proprietary process uses variable temperatures and ion exchange resins to extract a unique combination of polymers at specific molecular weight ranges, yielding a perfect balance of skin tightening and comfortable feel. This golden ratio of polymers only found in Visilift is capable of forming a dense network film when applied on the skin, resulting in an immediate mechanical lifting and silky firmness.

Peach gum or resin is secreted from the bark of peach trees when external forces cause wounds. It is the self-defense mechanism of the peach tree that tightens the cracked bark and promotes wound healing.

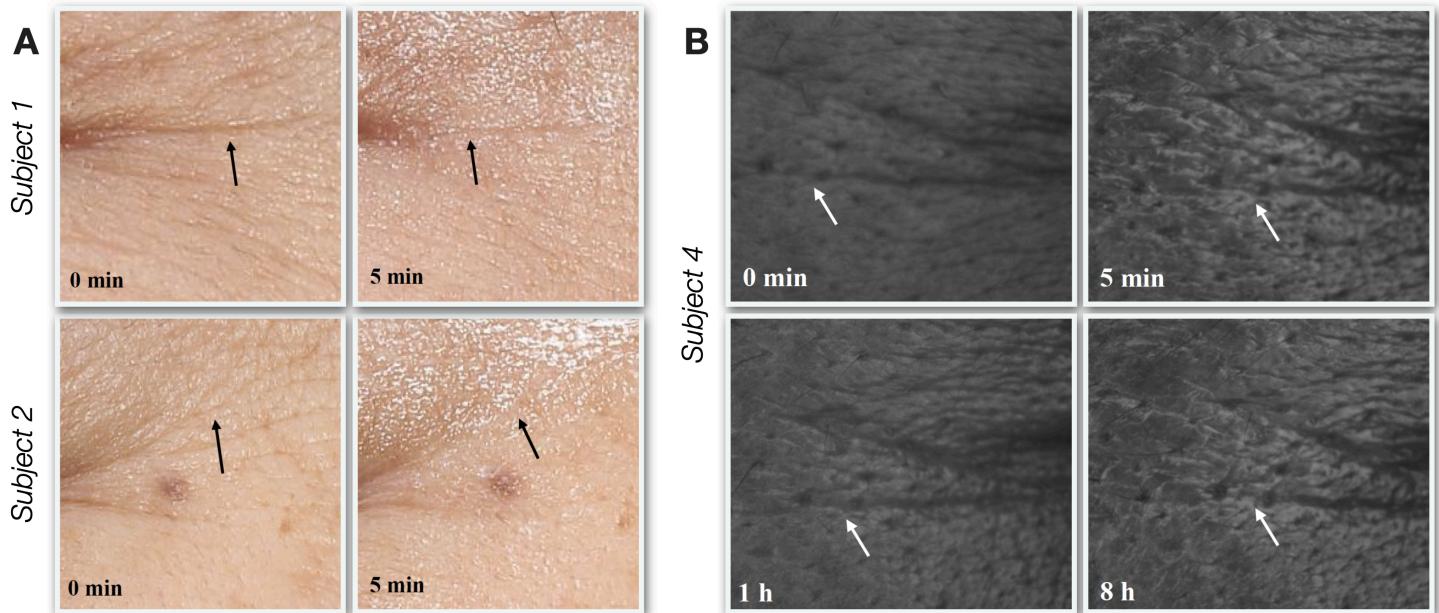


Formulation Guidelines

Suggested use level: 2.0% to 10.0% (clinically tested at 5.0% and 10.0%)

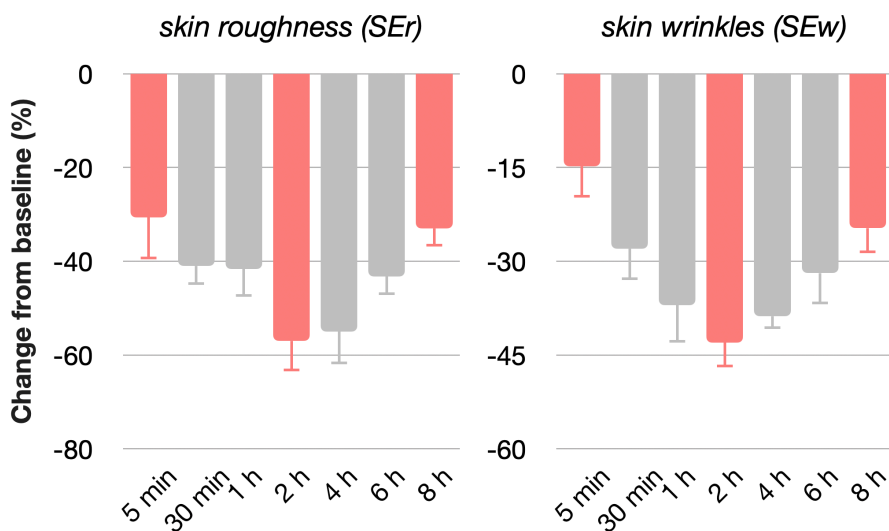
Suggested pH range: 4.0 to 7.5

Visilift is a water-soluble bioactive. We recommend to add it to the water phase of any cosmetic and personal care formulation at 45°C or lower. The instant mechanical lifting provided by Visilift is better observed in formulations with low contents of glycerin and glycols (< 7%), as well as oils (< 2%).



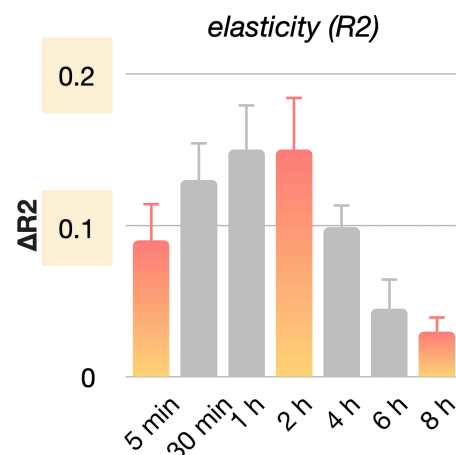
Before and after applying 5% Visilift™

- A) human clinical, apply gel containing 5% Visilift to the eye area, take digital pictures before and after the application. n= 11.
B) human clinical, apply gel containing 5% Visilift to the eye area, take pictures with Visioscan VC98 at different times. n= 11.



Method: human clinical, apply gel containing 5% Visilift to the eye area, determine parameters SEr and SEw at different times (Visioscan VC98). Baseline was set to zero. n= 11.

Clinical results show that 5% Visilift clearly improves skin roughness (30.6%) and wrinkles (14.8%) starting at 5 minutes of application. **The best wrinkle-smoothing effect is observed after 2 h.** Wrinkles remain smoothed for up to 8 h. $P < 0.05$.



Visilift at 10% immediately improves skin elasticity (5 min = 16.9%) and the benefits are **significantly noticeable for at least 8 h.** $P < 0.05$.

Method: human clinical, apply gel containing 10% Visilift to the cheekbone area, determine skin elasticity ($R2 = Ua/Uf$) at different times (Cutometer MPA 580). Baseline was set to zero. n= 6.

References

- DU, B. et al. Skin Health Promotion Effects of Natural Beta-Glucan Derived from Cereals and Microorganisms: a Review. *Phytother. Res.*, v. 28, p. 159-166, 2014.
- PILLAI, R. et al. Anti-Wrinkle Therapy: Significant New Findings in the Non-Invasive Cosmetic Treatment of Skin Wrinkles with Beta-Glucan. *Int. J. Cosm. Science*, v. 27, p. 292, 2005.
- WEI, D. et al. Glucan Stimulates Human Dermal Fibroblast Collagen Biosynthesis Through a Nuclear Factor-1 Dependent Mechanism. *Wound Rep. Reg.*, v. 10, p. 161-168, 2002.

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66 Walker Lane • Newtown, PA 18940 • USA
 +1 (215) 525-4564
 acteraingredients.com