

TechnoHYAL HyaPearl Your ally for active color cosmetics

High-effective lipo-available HA for moisturizing make-up

Cutting-edge matrix technology combining Olive Glycerides and HA Performing active for an optimal skin penetration

Quick efficacy, stable & resistant Vs. color cosmetics manufacturing process

Excellent skin feel, smooth and gliding effect

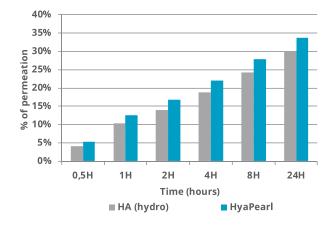
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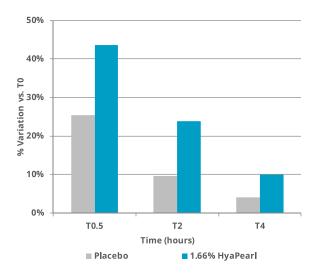
In-vitro efficacy dossier: skin permeation

✓ Results show a good ability of HyaPearl to penetrate human skin up to **33.7%**, comparable to HA in water.

- + Lipo-available HA can really penetrate your skin
- + Hydration is stimulated from inside



15 <u>.</u> 14 layer 13 Stratum corneum 12 11 10 9 2% Triolein 8% Triolein 8% 8% Caprylic/Capric Prunus triglycerides Amigdalus Dulcis oil



Description: cutting-edge matrix technology combining Olive Glycerides and HA

Suggested dosage: 1.5%

▼ Typical applications: protective formulas, moisturizing lipbalms, hydrating lipsticks, active make-up, dry & sensitive skins

In-vitro test: permeation test

In-vivo test: skin moisturization

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In-vivo efficacy dossier: skin absorption

✓ Triolein enhances the emulsion absorption when compared to the benchmarks:

- + Up to +26.5% than Caprylic/Capric triglycerides
- + Up to +7.5% than Almond oil

➡ Quick effectiveness in time (30 min) and already at low dosage (2% respect the others)

Protocol: a clinical-instrumental study is carried out on 10 female subjects. Emulsion absorption is measured by means of skin stripping tecnique using Corneofix[®] (courage+Khazaka GmbH) foils 30 minutes after products applications on the volar surface of the forearms

In-vivo efficacy dossier: lips moisturizing

✓ HyaPearl helps in maintaining lip skin hydrated. Compared to placebo, HyaPearl is more effective in moisturizing lips (+43.6% after 0.5 hours).

- + Quick action, plumping effect
- + Hydration from your make-up

Protocol: Clinical-instrumental assessment of the moisturizing effect carried on 10 women, age 18 to 50, by means of a non-invasive skin bioengineering technique able to measure skin moisturization. Product applications 1 time per day (3 passes on the upper and 3 passes on the lower lip)