

Cosmetics: Efficacy Tests

Hydrating products

Beautiful and healthy skin is synonymous with a well-hydrated skin.

The measurement of the cutaneous hydration is an impartial method in order to evaluate the efficacy of your cosmetic products.

The testing portfolio of Eurofins consists of several methods to measure and to characterize the skin's moisture level as well as investigating the status of the skin's natural protective barrier, the hydrolipidic film.

Principle

In order to determine the skin's moisture level, measurement of capacitance is carried out using Corneometry. Thereby, we investigate the upper layers of the epidermis (stratum corneum).

To maintain a soft and well hydrated skin that is free of dead skin cells, an intact barrier function is essential. Measurement

of Trans Epidermal Water Loss (TEWL) is a reliable method to quantify the damage of the cutaneous barrier which is often the origin of dry skin.



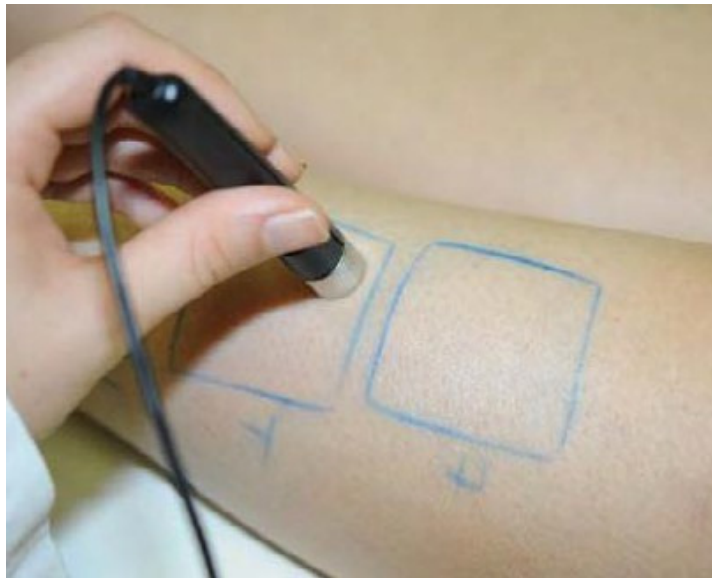
In contrast, we also use an indirect method to determine the skin's level of moisture. Thereby, the status of the hydrolipidic film, specifically the level of hydration of the epidermis, is investigated. This method is based on counting and characterization of corneocytes (dead cells) that are taken from the skin after application of a sticky patch (Corneofix).

Claims

- Moisturising, respectively hydrating effect
- Immediate and long lasting moisturising effect
- Skin protection
- Anti-drying effect
- Exfoliating effect

Methods

- pH meter
- Self-evaluation
- Dermatological assessment
- Tewameter (measurement of TEWL)
- Corneometer
- D-squam
- Corneofix



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For a competitive quotation and technical advice, please contact;



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