Grupo kosmo science

MAKEUP & NAILS

HIGH PERFORMANCE IN VITRO AND IN VIVO

At Kosmoscience, we offer a comprehensive portfolio of standardized protocols designed to evaluate the physical stability and visual performance of makeup products under controlled conditions of heat and humidity. Using VitroSkin®- a biomimetic substrate that simulates human skin – we deliver reliable, instrument-based assessments of products' durability and efficacy.

TECHNOLOGICAL PLATFORMS

Digital Image Analysis | Climatic Chamber | Durability under Thermal and Humidity Stress | Water Resistance Testing (Waterproof/Water-resistant) | Film Formation and Uniformity | Fixation and Long-lasting Effect | Makeup Removal and Cleansing Potential | Nail Polish Quality and Performance



FILM FORMATION

Evaluation of the product's ability to form a continuous, uniform, and adherent film on synthetic skin (VitroSkin®), using pixel-based image analysis.

DURABILITY AT HIGH TEMPERATURES

Assessment of product stability after exposure to elevated temperatures and humidity, measuring visual and functional integrity.

WATER RESISTANCE

Immersion tests to quantify visual changes and adhesion after water exposure, determining waterproof capabilities.

MAKEUP REMOVAL EFFICACY

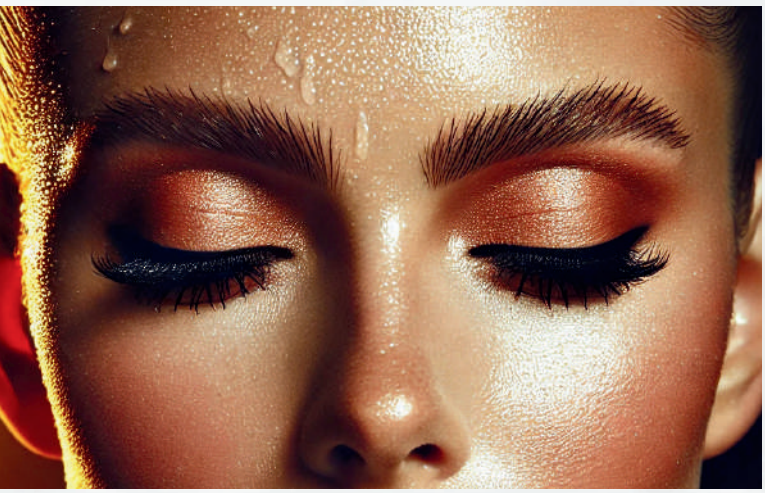
Clinical and in vitro protocols to measure the effectiveness of different removers, using image analysis to quantify residual makeup.



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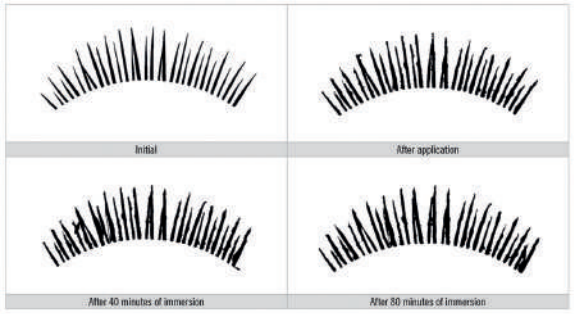
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CLAIMS BY PRODUCT CATEGORY



EYES (EYELASHES & EYEBROWS)

- Growth and lengthening
- Volume and definition – Curling effect (bambi eye)
- Eyelash darkening
- Water resistance / waterproof
- Clump prevention



FACE

- Makeup Long-lasting effect (with or without color) and with UV filter
- Build-up
- Transfer resistance and drying time
- Resistance to water, heat, and humidity
- Matte and Radiant finishes
- Optical blurring
- Coverage

LIPS

- Long-lasting effect
- Color intensity and shine
- Volume and plumping
- Transfer resistance
- Drying time
- Lip restoration
- Lip hydration

NAIL POLISH PERFORMANCE

- Durability
- Shine
- Shine loss
- Color intensity
- Color fading/loss
- Drying time

CLAIMS

✓ Long-lasting even at high temperatures – Does not smudge – Maintains coverage for hours under extreme heat – Does not transfer, even in warm environments – Adheres to the skin even under intense heat conditions.

✓ Maintains makeup color and texture – Sweat resistance – Water resistance – Reinforced adhesion under light to moderate perspiration.

✓ Removes even waterproof makeup – Effectively removes makeup residues – Removes up to 99% of makeup in a single application – Proven efficacy in removing long-lasting foundations, mascaras, and lipsticks – Removes makeup without excessive friction – High performance in removing intense pigments.

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