Aim of the study
To verify the absence of comedogenicity and skin acceptability of Codex petroleum jellies under dermatological controls. Subjective assessment of cosmetic qualities and efficiency.

Protocol
21 female volunteers (aged 22-61) with combination-type facial skin.
Application of white Codex Petroleum Jelly Syntadex 87042 DI.
Treatment each evening for 28 consecutive days.

Verification of the absence of comedogenic potential
At the start and at the end of the products trial period: visual examination of the experimental area and count of comedons on the three skin regions defined by the dermatologist. Questioning of volunteers.

Skin acceptability
Examination of the experimental region (face) by the dermatologist and questioning of the volunteers before and after the 28 consecutive days of use. Analysis of any eventual discomfort reported by the volunteers directly to the dermatologist or in their daily written reports.

The cosmetic qualities and perceived efficacy were assessed at the end of the study using a self-assessment target questionnaire.

Results and conclusions
The results of the study demonstrated the absence of the potential comedogenicity of the White Codex Petroleum Jelly Syntadex 87042 DI.
Moreover, during the study, the number of comedones in most volunteers significantly decreased. Possible explanation it is known
that the oxidation of unsaturated lipids is one of the major factors for causing blackheads. Petroleum jelly forms a film that probably protects unsaturated lipids of sebum from oxidation. The Syntadex 87042 DI petroleum jelly was selected for the study because of its pleasant texture. Indeed, used 100% pure, most of the volunteers noted the absence of discomfort (87.5%) and its easy application (81%).

- Petroleum jelly is very well tolerated by the skin; the absence of irritation was reported by 100% of the volunteers.

- Last, but not least, the evaluation results of the cosmetic qualities of Codex petroleum jelly compare favourably with luxury beauty products. The volunteers reported that the skin was more hydrated (90.5%), more soft and supple (90.5%) and more smooth and elastic (71.4%). Explanation: petroleum jelly is recognized as the golden standard of moisturising and it is widely accepted that good moisturising is a bulwark against wrinkles and sagging skin.

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