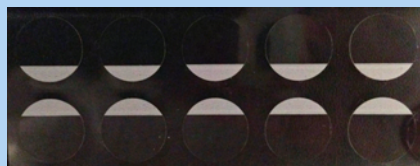
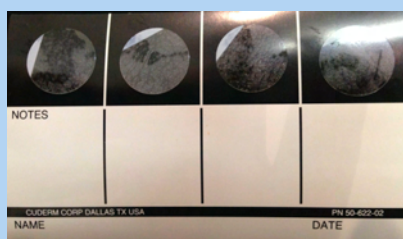




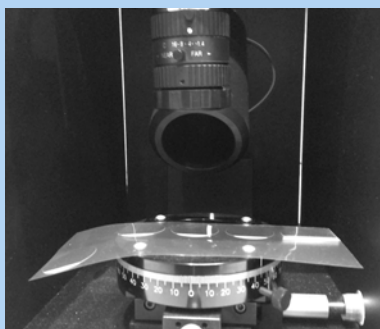
STEPS



1. D-SQUAME DISCS



2. D-SQUAME RECORD CARD



3. OPTICAL TRANSMISSION READING

Eurofins Dermatest Pty Ltd
 20 - 22 King St
 Rockdale NSW Australia
 ph 61 2 9556 2601
info@dermatest.com.au
www.dermatest.com.au

D-Squame® Test

Claims Supported

- Improvement in treatment of Xerotic (Dry) skin conditions by adhesive disk (D-Squame®) stripping.
- Supports claims related to dry skin improvement, moisturisation. Performance measurement of skin peels.

Test Sites

Test site may be nominated and are delineated for corresponding areas.

Test Steps

In order to pre-condition the test sites and keep all topical treatments constant for all test subjects, panelists are required to abstain from using deodorant soaps, moisturising soaps or cosmetic moisturisers on the test area for a period of one weeks prior to study commencement and during the course of the study. Base line is determined on a an adjoining area just prior to commencement of the study.

For Single Day Studies

On the day of the study, test material is delivered to the test sites through plastic volumetric syringes. The material is then evenly applied back of the hands using a glass rod to rectangular area measuring 2.5 x 10cm on the liberally

A site of equal size is left untreated to serve as a negative control. Panelists are blinded as to the nature of the material being applied. Panelists are required to remain in the lab under controlled humidity conditions for the entire initial test period.

For Multi-day Studies

Product is applied to test area according to client instructions.

At further nominated time points, test subjects are brought back to the laboratory for further measurements. In all other aspects, the methodology is the same.

Quantification

Quantification of removed cry cells by optical transmission measurement. D-SQUAME® discs uniformly sample a fixed area of stratum corneum for precise skin studies. Adhering corneocytes can be analyzed for drugs and other constituents as stripping discs provide a convenient way to reproducibly remove the stratum corneum for subsequent analysis procedures.

Optical Transmission

D-SQUAME® tapes are scored and the optical transmission documented.

References

A simple method for the study of scale pattern and effects of a moisturizer—qualitative and quantitative evaluation by D-Squame® tape compared with parameters of epidermal hydration

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 Clinical and Experimental
 Dermatology 1365-2230.1989.

Image analysis of scaly skin using Dsquame® samplers: technical and physiological validation

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