

# TEST REPORT

## WHITENING HAIR DELAYING ROLL-ON DEODORANT EFFICACY TEST REPORT

### SKIN LIGHTENING EFFICACY

The whitening activity of beesline whitening & hair delaying deo is due to the additional effect of 3 processes: photo-protection, free radical scavenging and inhibition of melanine formation.

### IN VIVO TRIAL

#### ABSTRACT

A blinded, controlled, study of the whitening effect of the whitening roll-on deo, compared to a conventional anti-perspirant deodorant was conducted.

#### METHOD

Human evaluation study by Chromametry on 10 volunteers with blackened or dull skin in armpit area applied a placebo normal deodorant & **BEESLINE WHITENING ROLL-ON DEODORANT** respectively, on left and right axis zone over a period of four weeks. At the beginning of the study and after 4 weeks the skin colour was objectively evaluated by chromametry with the Minolta Chroma Meter.

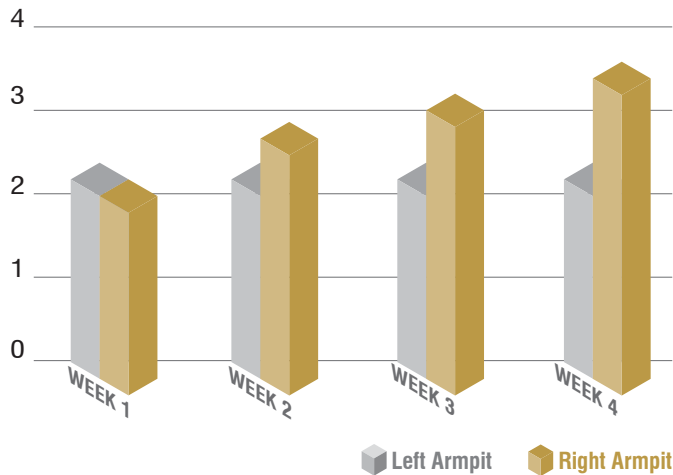


Fig.1 the brightness relative to the placebo formulation is shown. **BEESLINE WHITENING ROLL-ON DEODORANT** shows good effects in skin brightening properties.

### PREVENTING BROWN SPOTS APPEARANCE & SKIN LIGHTENING

The natural whitening active ingredients used in this deodorant are the combination of: **LUMISKIN** from Boldo tree bark, **SODIUM LACTATE**, **LACTIC ACID** and extracts of **OLEA EUROPEA** (Olive Leaves) and **PETROSELINUM SATIVUM** (Parsley Leaves). These ingredients have a natural whitening synergistic activity that inhibits melanin formation and regenerates skin to give a new clearer and brighter skin.

Visible results from 2 weeks



Darkened underarm area

No more embarrassing dark skin

### RESULTS

A significant increase in skin brightening was observed after these 4 weeks. The skin appeared less dull whiter and brighter. The data (mean of all left armpit results compared to the mean of right ones) demonstrate that **BEESLINE WHITENING ROLLON DEODORANT** is effective.



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## WHITENING HAIR DELAYING ROLL-ON DEODORANT EFFICACY TEST REPORT

### DELAYING HAIR GROWTH EFFICACY

Beesline whitening & hair delaying deo contains 2% of ginger root extract. It's use will minimize the need for hair removal by delaying the growth of unwanted hair. Ginger also helps maintain physical vitality.

### IN VIVO TRIAL

#### ABSTRACT

A blinded, controlled, study of the whitening hair delaying deo on hair regrowth after shaving, compared to a conventional anti-perspirant deodorant was conducted.

#### METHOD

Twenty-two subjects used the whitening hair delaying deo on the axillary zone of the right arm, and a conventional deo on the left for 28 days.

Standardized high-resolution photographs were made at baseline for both sides, once a week during treatment. Both active and control sites were shaved prior to baseline and allowed to regrow for a fixed period of time before first application, to provide a consistent and well-defined baseline hair condition. Quantitative hair counts were made by a third party from the photographs and standard statistical analysis was performed to look for differences between the active and control sites.

Visual assessments and quantitative analysis was also performed on the photographs to see if there were any differences in hair thickness (diameter) and hair color between the active and control sites.



Unwanted hair

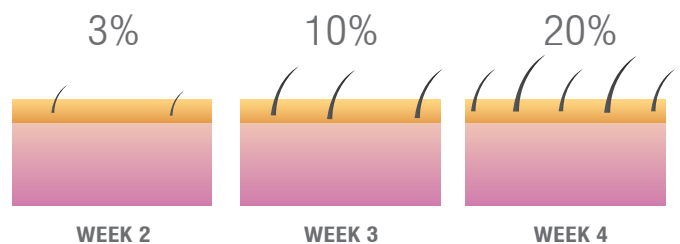
Hairs get thinner, softer & less visible

#### RESULTS

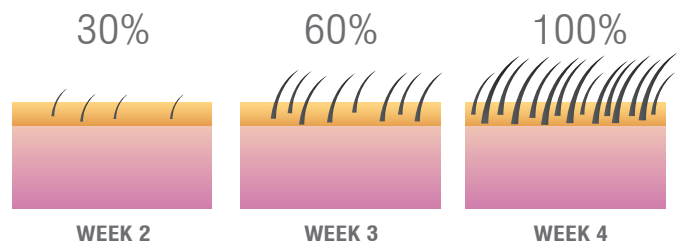
In 4 weeks, people noticed that hair growth cycle becomes slower, the dormancy period lasts longer, the hair, grows back finer, shorter, weaker and is more sparse.



#### BEESLINE HAIR DELAYING DEO



#### REGULAR DEO



# TEST REPORT

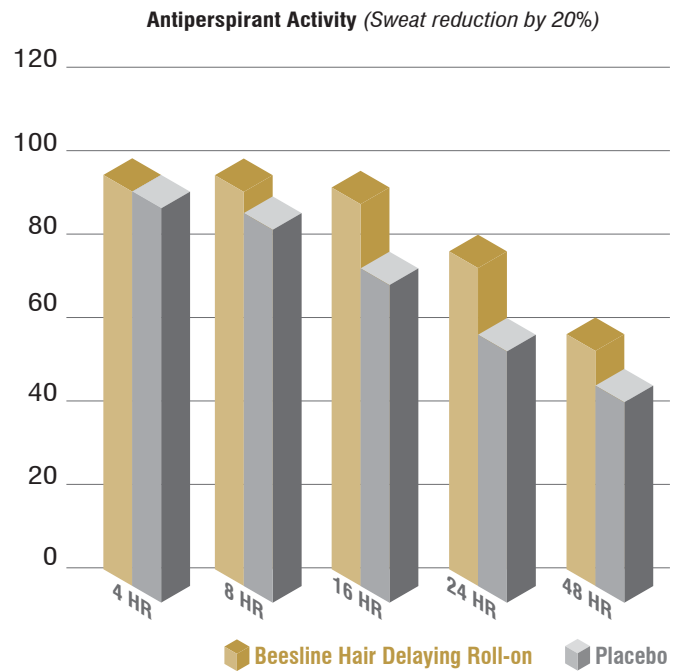
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### ODOR & SWEAT CONTROL EFFICACY

Beesline whitening & hair delaying deo contains 2% of ginger root extract. It's use will minimize the need for hair removal by delaying the growth of unwanted hair . Ginger also helps maintain physical vitality.

#### 1. ANTIPERSIRANT EFFICACY METHOD

Comparative test for detecting the antiperspirant activity (sweat reduction by 20%) on a panel of 25 male & female volunteers. A control placebo formulation was used based on a double blind principle on the opposite axilla. Sweat amount was measured during 48 hours.



#### 2. DEODORANT EFFICACY METHOD

Sniffing test for Deodorant activity (No detection of mal odor) on a panel of 25 male & female volunteers. They defined the degree of malodor on a 0 to 10 scale (0 has the no axillaries odor, 10 has the strongest axillaries odor). The mean rate is then calculated.

**Antiperspirant Activity (No bad odor detection by sniffing test)**

