

DEPIL RETARD

biogründl

AFTER DEPILATION GEL

(BODY HAIR GROWTH DELAYING) / A / HGL / CA11 /

INCI Name: AQUA, GLYCERIN, JASONIA GLUTINOSA EXTRACT, ALOE BARBADENSIS LEAF EXTRACT, HAMAMELIS VIRGINIANA LEAF EXTRACT, CETRIMONIUM CHLORIDE, LAURYL ISOQUINOLINIUM BROMIDE, POTASSIUM SORBATE, SALICYLIC ACID, MENTHOL.

Appearance: clear or slightly opalescent liquid.



OVERVIEW:

The problem with the rapid growth of body hair, after depilation, did not have a proper solution up until now. So much so, that the user found it necessary to undergo, ever more frequent, depilation treatments, regardless of the depilation technique that was used: pulling, shaving or chemical destruction by means of creams with thioglycolates. Any of these procedures involved expense, lost time and physical discomforts.

DEPIL RETARD (Body hair growth delaying) by BIOGRÜNDL, S.L. has been released to solve the mentioned inconveniences, by updating the techniques and using the suited active ingredients, resulting in an extraordinary delay of the normal growth of body hair. With this one, can extend the time between two successive depilation sessions, also making these more bearable as the hair physiological structure has been weakened.

DEPIL RETARD (Body hair growth delaying) by BIOGRÜNDL, S.L. acts in a completely natural manner, as it is based on the joint effect of three vegetable extracts: Rock tea (*Jasonia glutinosa*), Aloe vera (*Aloe barbadensis*) and Witch Hazel (*Hamamelis virginiana*), which complement and enhance their inhibiting action on the division and growth of germinal hair cells. This action is due to the high content in astringent agents (tannins) that lead to a precipitation of the proteins, as well as, their denaturation.

DEPIL RETARD (Body hair growth delaying) by BIOGRÜNDL, S.L., contains a cationic surfactant that boosts the actions of the vegetable actives above mentioned, leading to better and deeper penetration into the hair follicle.

USE AND DOSAGE:

Added to a base that can be a solution, a cremigel, a cream or a gel and applied after waxing. It should not rinsing and, in order to achieve better results, the application must be repeated within two days, and also, one, two and three weeks after the epilation. If turbidity is observed, it is advisable to previously dissolve the product in a portion of the water provided to manufacture the final product and filter after 12-24 hours. The recommended concentrations of use are between 2% and 10%. For very special effects the dosage can raise up to 15%.

DERMATOLOGY INNOCUOUSNESS

It was performed by the patch test (Patch test) on 10 volunteers. To this purpose, 15% DEPIL RETARD (Body hair growth delaying) by BIOGRÜNDL, S.L., was added to an O/W emulsion; 0,5g. of this emulsion was poured over the patch and attached on the forearm. It is thus maintained for 24, 48 and 72 hours, after which, the given reaction was evaluated, according to the following table of values:

1. No erythema.
2. Slight erythema.
3. Well defined erythema.
4. Severe erythema.

The result was absence of erythema on the 10 volunteers. On the recommended concentrations, the product is skin innocuous.

EFFECTIVENESS TESTS

Assay: Double blind spot trial and subsequent cosmetic evaluation.

Assayed parameters: Body hair growth delaying action.

N (volunteers): 30 (15 ♀ and 15 ♂).

Age (volunteers): 22 – 47 years old.

Left side part to be treated: Placebo, 30 volunteers, suitable cosmetic base.

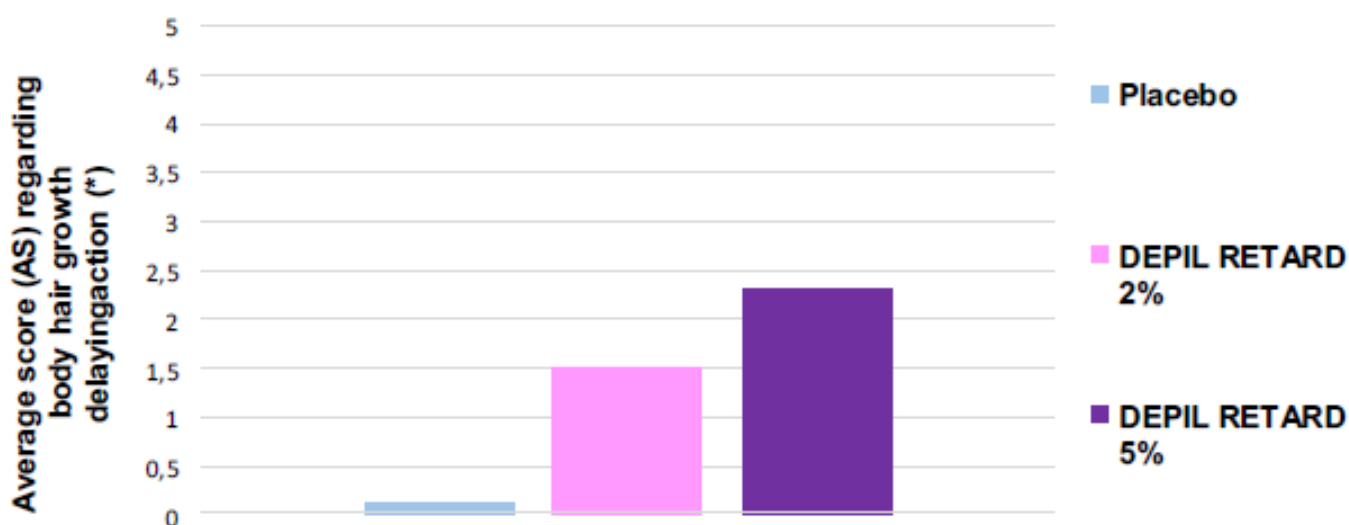
Right side part to be treated: DEPIL RETARD 2%, 15 volunteers, suitable cosmetic base.

Right side part to be treated: DEPIL RETARD 5%, 15 volunteers, suitable cosmetic base.

Assayed parameter:

	Assay	N (volunteers)	Age (volunteers)	Placebo	DEPIL RETARD 2%	DEPIL RETARD 5%	Assay performed (Days)	Results measured (Days)
Body hair growth delaying action	Double blind spot trial and subsequent cosmetic evaluation.	N = 30 15 ♀ 15 ♂	22 - 47	Left side part	Right side part 15 volunteers.	Right side part. 15 volunteers.	D = 12	D' = 1

SKIN CONDITION EVALUATION AFTER 12 MONTHS



(*) Body hair growth delaying action was determined by observation of time increase between successive epilations.

Total number of days in which the assay was performed (treatment was applied):

D = 12 days (monthly during the effectiveness test).

Total number of days in which the results were measured:

D' = 1 day (effectiveness test last day).

Average score:

Worst result: Zero limit value is assigned.

Best result: Five limit value is assigned.

Score is assigned to obtained results between the two limit values.

Average computation for each obtained results group is done:

Placebo, 2% DEPIL RETARD by BIOGRÜNDL, S.L., 5% DEPIL RETARD by BIOGRÜNDL, S.L.

Results meaning:

AS rank between 0 – 1: No significant changes.

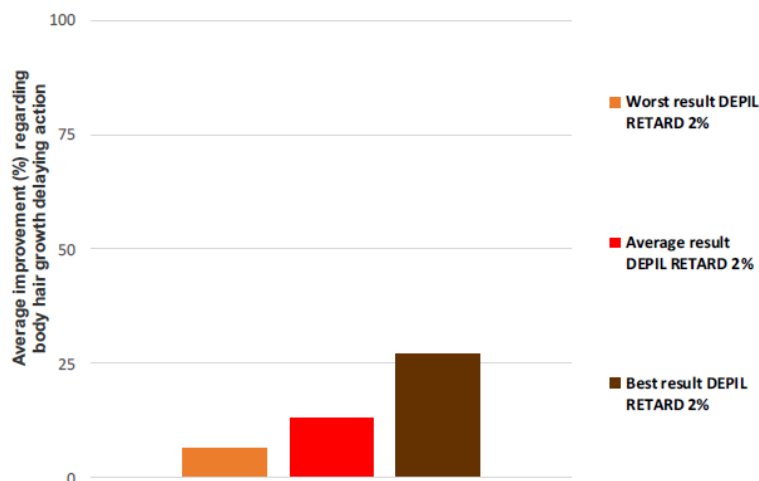
AS rank between 1 – 2: Slight improvement regarding placebo.

AS rank between 2 – 3: Appreciable improvement regarding placebo.

AS rank between 3 – 4: Great improvement regarding placebo.

AS rank between 4 – 5: Excellent cosmetic result.

DEPIL RETARD 2%



Results:

Worst result DEPIL RETARD 2%: **6,5%**.

Average result DEPIL RETARD 2%: **13%**.

Best result DEPIL RETARD 2%: **27%**.

Results meaning:

AI rank between < 20%: No significant changes.

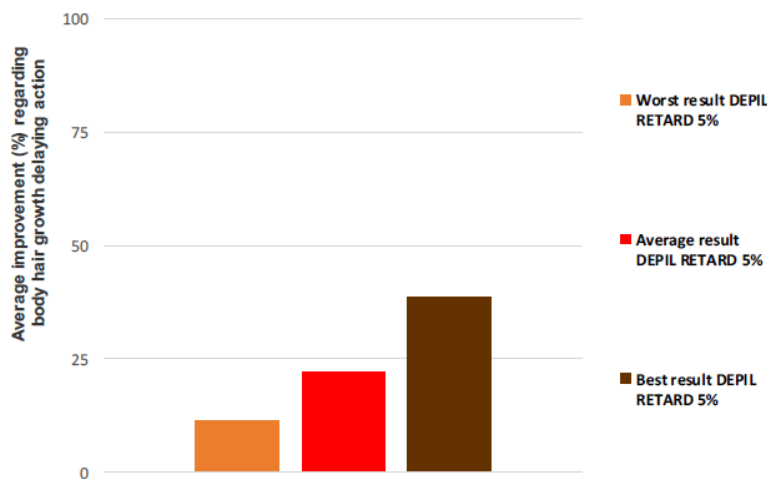
AI rank between 21 – 40%: Slight improvement regarding placebo.

AI rank between 41 – 60%: Appreciable improvement regarding placebo.

AI rank between 61 – 80%: Great improvement regarding placebo.

AI rank between > 81%: Excellent cosmetic result.

DEPIL RETARD 5%



Results:

Worst result DEPIL RETARD 5%: **11,5%**.

Average result DEPIL RETARD 5%: **22%**.

Best result DEPIL RETARD 5%: **38,5%**.

Results meaning:

AI rank between < 20%: No significant changes.

AI rank between 21 – 40%: Slight improvement regarding placebo.

AI rank between 41 – 60%: Appreciable improvement regarding placebo.

AI rank between 61 – 80%: Great improvement regarding placebo.

AI rank between > 81%: Excellent cosmetic result.