

TEST REPORT 15 24 01581

BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004)

USE TEST
PANEL OF 10 SUBJECTS

JANUARY 2016

OBJECTIVE

The study's objective is to investigate the effect that the product 'BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004)' has regarding hair removal, when used in a controlled panel test.

TEST PRODUCT DESCRIPTION

PRODUCT MANUFACTURED BY	: TRED A HIZLI
RECEIPT DATE	: 08/09/2015
STUDY PERIOD	: 09/09/2015 - 21/01/2016
LAB ID	: 15 24 01581
TEST PRODUCT	: BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004)
BRAND	: -
PRODUCT TYPE	: WAX
METHOD	: IN USE TEST, 10 SUBJECTS
STUDY SPONSOR	: QACS Ltd

STUDY SUMMARY

The product 'BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004)', is a yellow wax that is kept in a plastic container (see Annex 2) and is applied using a roller head.

10 healthy female volunteers with leg hair, were included in the study. The product was used on the shin. After waxing, a clinical evaluation regarding the level of efficacy, was performed by the dermatologist, with the aid of photos, macroscopic and dermoscopic. The volunteers were asked to answer a questionnaire regarding the product 4 weeks after waxing.

The study was conducted under the supervision of a dermatologist.

The study was performed by QACS Ltd.

Assessment after the end of the treatment:

- ✓ Clinical evaluation (including photos, macroscopic and dermoscopic)
- ✓ Auto evaluation (questionnaire)

NORMATIVE, CONFIDENTIALITY AND ARCHIVING

Normative

The study was conducted by suitably trained and experienced personnel in accordance with the Efficacy Evaluation Guidelines published by COLIPA - May 2008.

Precautions were taken to avoid the possibility that participants in the study might experience undesirable effects. The test products were complying with requirements of the Regulation 1223/2009.

The manufacturer of the test product is responsible for its compliance with requirements of current Cosmetics Regulation (EC/1223/2009).

Ethical requirements which have been taken into consideration in the planning of the study include:

- i) participants are informed volunteers selected after application of inclusion/non inclusion criteria
- ii) participants are aware of the purpose and nature of the study and of any foreseeable risks involved in participation in the study and have given written informed consent before the study starts.

Confidentiality

Requirements of Law 2472/1997 on the Protection of Individuals with regard to the Processing of Personal are taken into consideration. The anonymity of the volunteers is respected, no personal records have been kept. Each volunteer can be identified by the persons in charge of the study, thanks to his personal volunteer's code.

Archiving

The laboratory book which contains all the information (raw data and results) regarding the study and the study reports are kept in the laboratory archives for 2 years.

PANEL STUDIED, INCLUSION / NON INCLUSION CRITERIA

Number of volunteers

A number of 10 volunteers has been recruited to satisfy the objectives of the test.

Panel characteristics

Volunteers were selected on the basis of inclusion and non-inclusion criteria. The volunteers satisfied all the inclusion criteria, were not in conflict with any of the non-inclusion criteria and had a medical examination (health certificate) and a dermatological examination. The volunteers were clearly informed, verbally and in writing, regarding the nature of the study, the timetable, constraints and possible risks. They gave their written informed consent before participation in the study.

Inclusion criteria

- ✓ Informed volunteers who agree to follow the conditions specified
- ✓ where appropriate of relevant age : 18-65 years old
- ✓ where appropriate of relevant gender : male and female
- ✓ where appropriate of relevant origin and health
- ✓ free from any dermatological problems on the area studied
- ✓ able to understand the Greek language and the study requirements
- ✓ users of razor, no use of any depilatory products for 1 month

Non inclusion criteria

- ✓ volunteers who do not meet the inclusion criteria
- ✓ pregnancy or nursing condition
- ✓ irritated skin on test site(s)
- ✓ blemishes, marks (e.g. tattoos, scars, sunburn) on the test site(s)
- ✓ presenting contact allergy to one of the ingredients of the tested product
- ✓ volunteers who refused to give their free and informed consent.

Instructions given to the volunteers

- No razor use 10 days prior to testing, in order to achieve hair length of 1-10mm at the application area
- After the waxing process, let the hair grow naturally for 4 weeks

METHODOLOGY

The methodological approach used to evaluate whether or not the product tested has any effect on hair removal, was the sensorial approach by consumers themselves, and clinical evaluation by the dermatologist (see Colipa Guidelines Efficacy 2008).

The study took place in QACS Ltd., under the supervision of a dermatologist.

Prior to the waxing process, the wax was heated using provided devices (wax warmers). The volunteers applied the product on one shin under the supervision of trained personnel. The product was removed with a rapid motion against the direction of hair growth, using cloth strips. Before and after the waxing process, macroscopic and dermoscopic photos of the test site were taken. The volunteers were instructed to let the hair of the test site grow naturally, for the following 4 weeks.

The sensorial test is based on the appreciation of product's performance made through the senses of either panellists and/or of experts. They give information mainly on observed or perceived parameters.

The sensorial test that was used for this study was auto evaluation (questionnaire).

The volunteers were given a questionnaire (see Annex 1), 4 weeks after the waxing process. They were asked to evaluate the product, in five parameters, at a scale of 1-5 (where 1 being "repulsive" and 5 being "excellent").

The clinical evaluation included efficacy grading of the product by the dermatologist and was supported by photos, macroscopic and dermoscopic.

VOLUNTEER DATA

Table I depicts the number, code, sex and age of the volunteers.

Table I. Volunteers Description

Volunteer No	Volunteer Code	Sex	Age
1	1404	F	26
2	1397	F	26
3	1395	F	28
4	1004	F	52
5	1028	F	47
6	1529	F	55
7	1527	F	59
8	1479	F	30
9	1528	F	27
10	1433	F	50

QUESTIONNAIRE QUANTIFICATION

The volunteers were asked to evaluate the product according to a scale from 1 to 5 where:

- 1 is Repulsive
- 2 is Not Satisfying
- 3 is Acceptable
- 4 is Good
- 5 is Excellent

The questions the users were asked to answer regarding the product, were the following:

- Q1- Evaluate the impact on the skin (redness, burning, peeling, itching etc.).*
- Q2- Is the product easy to use?*
- Q3- Does the product remove many hairs after one use?*
- Q4- Does the product remove the hairs from their roots?*
- Q5- Did you feel the smoothness and softness on your skin up to 4 weeks?*

They were also asked to answer the following YES-NO questions:

- Q6- Would you buy this product?*
- Q7- Would you recommend this product?*

The users were also asked to add comments, if any, after the use of the product.

RESULTS ON QUESTIONNAIRES

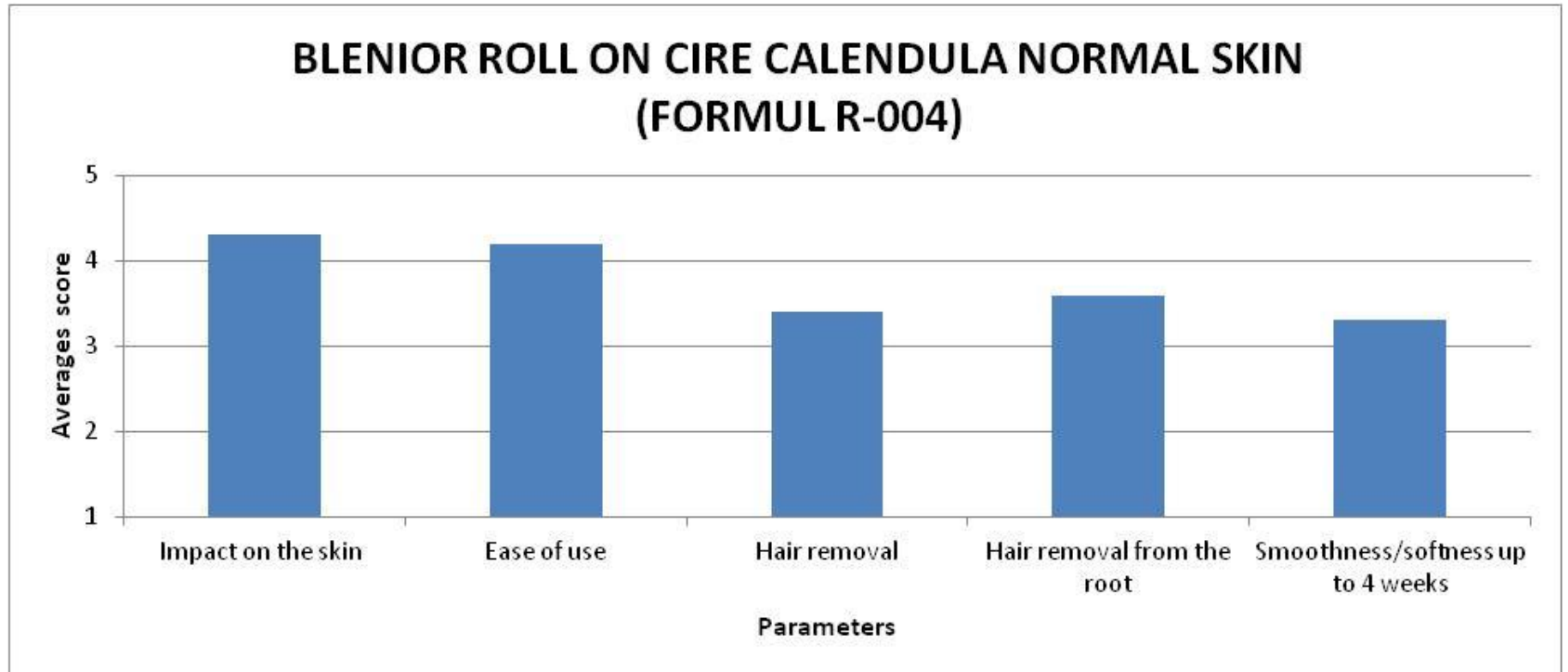
Table II. Volunteer assessment on the product

PRODUCT	Volunteer No	1	2	3	4	5	6	7	8	9	10
	Q1. Impact on the skin (redness, burning, peeling, itching etc.)	5	5	4	3	5	5	4	3	4	5
	Q2. Ease of use	3	4	5	4	5	4	4	4	4	5
	Q3. Hair removal	3	4	4	4	4	4	3	2	2	4
	Q4. Hair removal from the root	3	4	3	4	4	5	5	2	2	4
	Q5. Smoothness/softness up to 4 weeks	2	3	3	3	4	5	5	2	1	5

Table III. Average assessment on the product

	Average score	Classification
Q1. Impact on the skin (redness, burning, peeling, itching etc.)	4,3	More than good
Q2. Ease of use	4,2	More than good
Q3. Hair removal	3,4	More than acceptable
Q4. Hair removal from the root	3,6	More than acceptable
Q5. Smoothness/softness up to 4 weeks	3,3	More than acceptable

The Graph below depicts the average assessments of the volunteers for each parameter for the product (Q1 - Q5).



Q1. Impact on the skin (redness, burning, peeling, itching etc.)

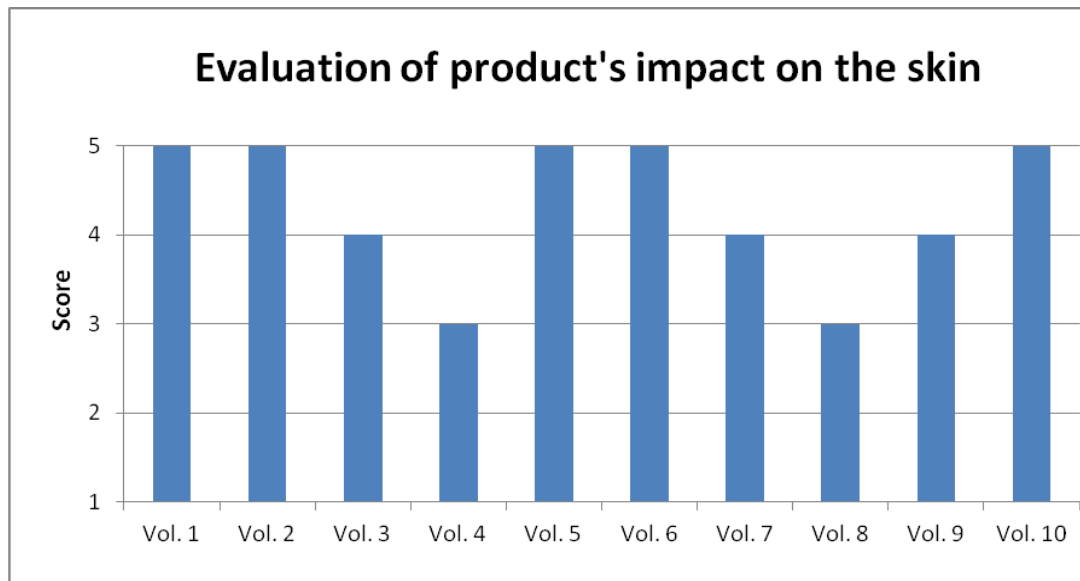
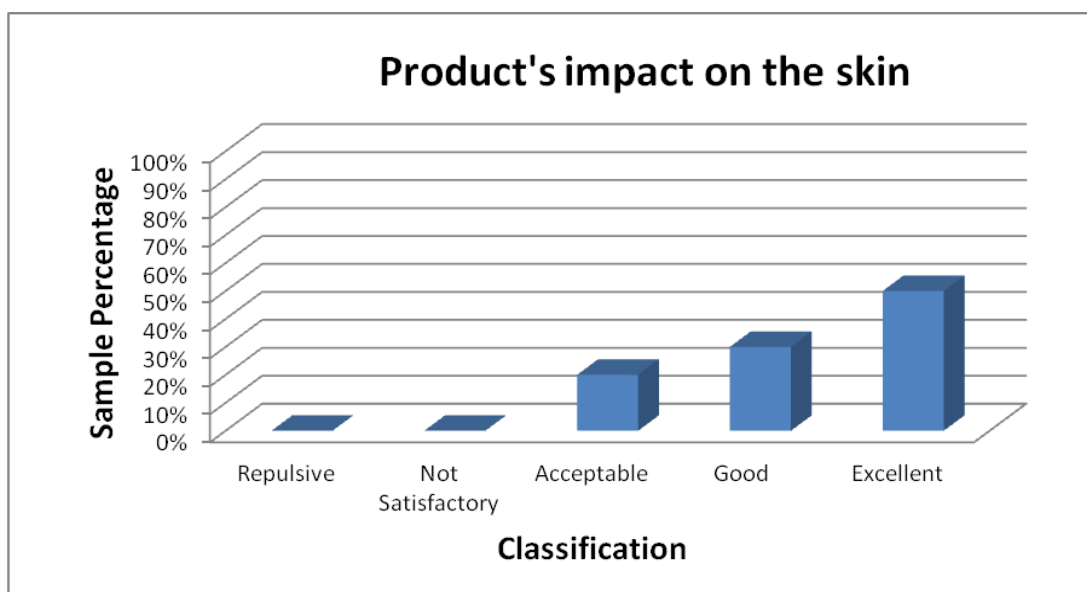


Table IV. Answers on Parameter 1.

1 (Repulsive)	2 (Not satisfactory)	3 (Acceptable)	4 (Good)	5 (Excellent)	Total
0	0	2	3	5	10

- 80% of the users assessed the impact of the product on the skin as more than good



Q2. Ease of use

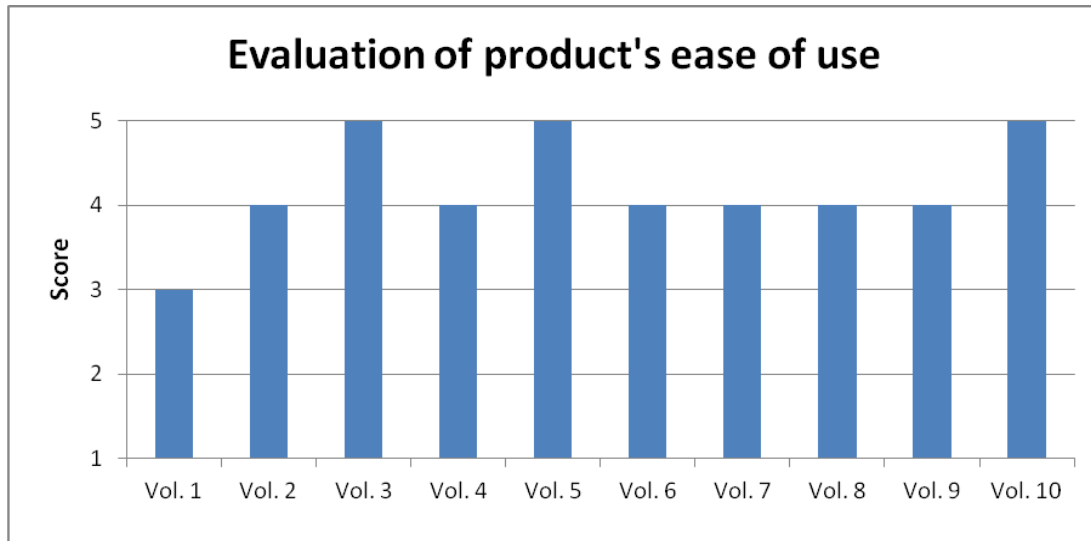
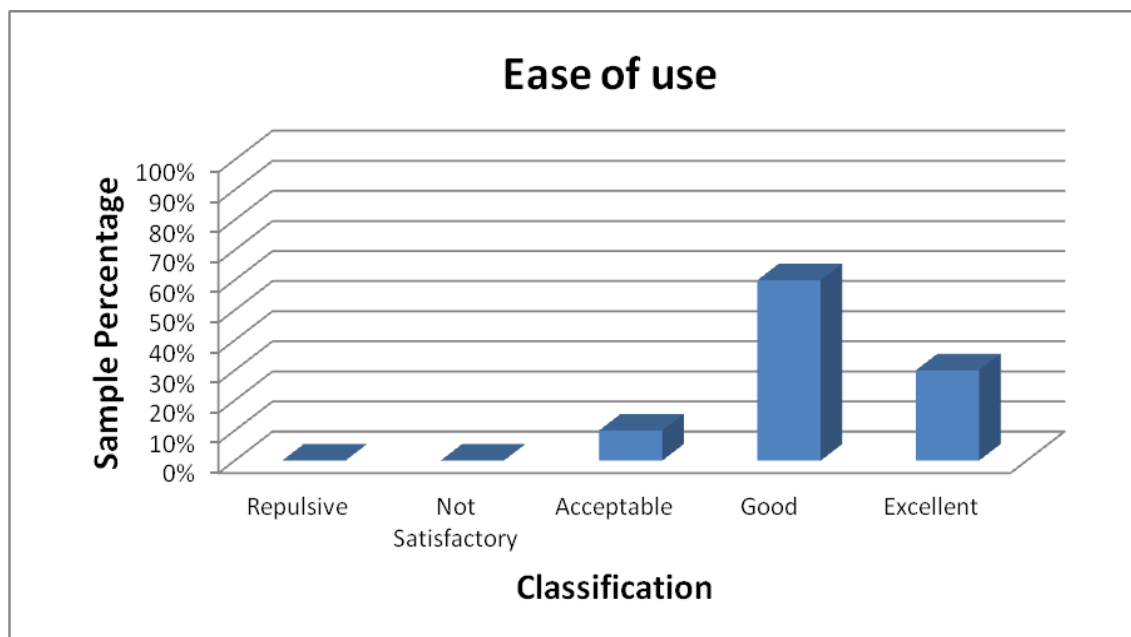


Table V. Answers on Parameter 2.

1 (Repulsive)	2 (Not satisfactory)	3 (Acceptable)	4 (Good)	5 (Excellent)	Total
0	0	1	6	3	10

- 90% of the users assessed the ease of product's use as more than good



Q3. Hair removal

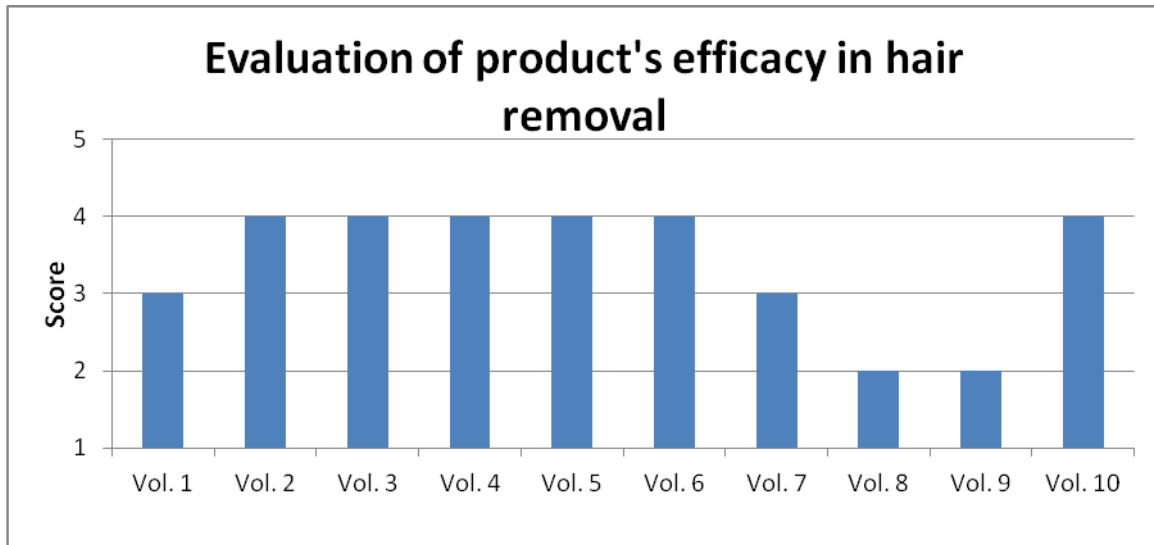
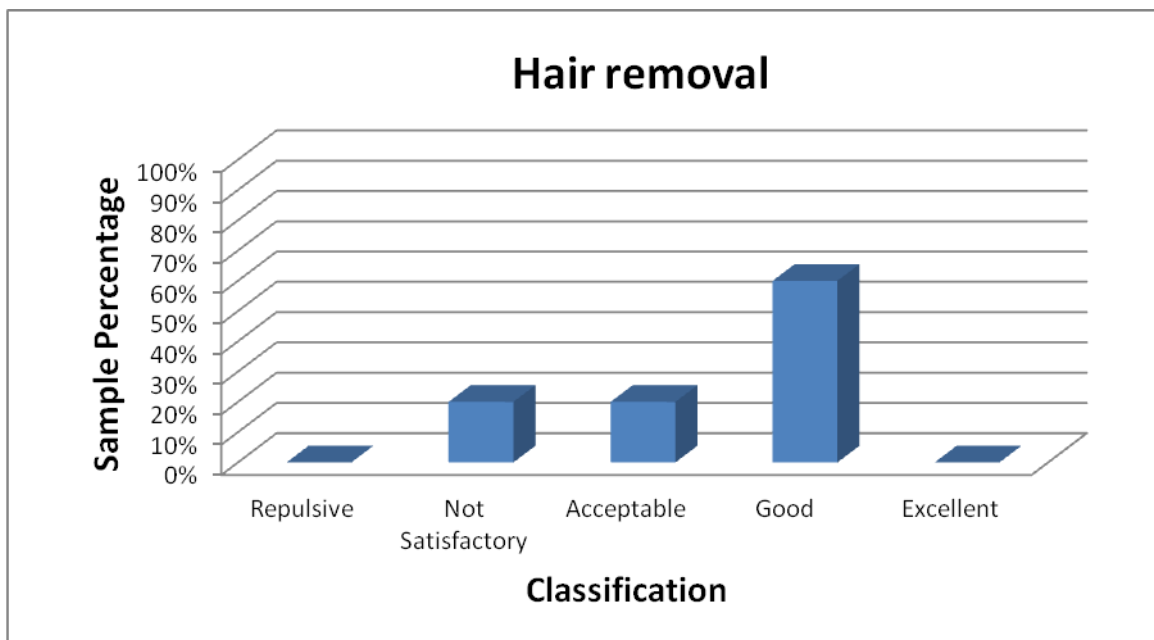


Table VI. Answers on Parameter 3.

1 (Repulsive)	2 (Not satisfactory)	3 (Acceptable)	4 (Good)	5 (Excellent)	Total
0	2	2	6	0	10

- 60% of the users assessed the product's efficacy in hair removal as more than good



Q4. Hair removal from the root

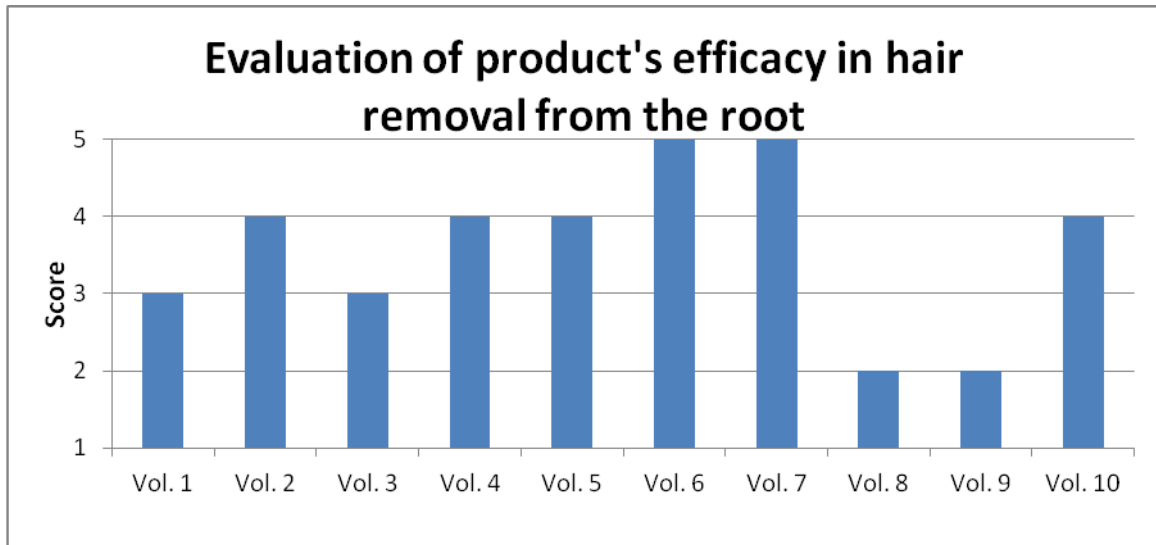
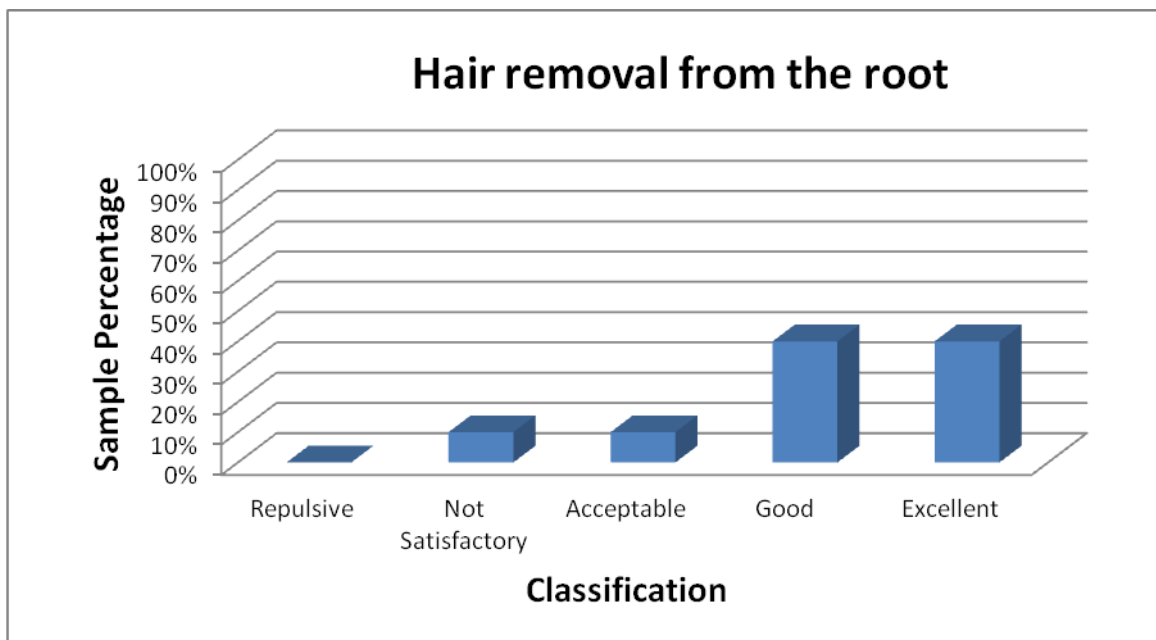


Table VII. Answers on Parameter 4.

1 (Repulsive)	2 (Not satisfactory)	3 (Acceptable)	4 (Good)	5 (Excellent)	Total
0	1	1	4	4	10

- 80% of the users assessed the product's efficacy in hair removal from the root as more than good



Q5. Hair removal from the root

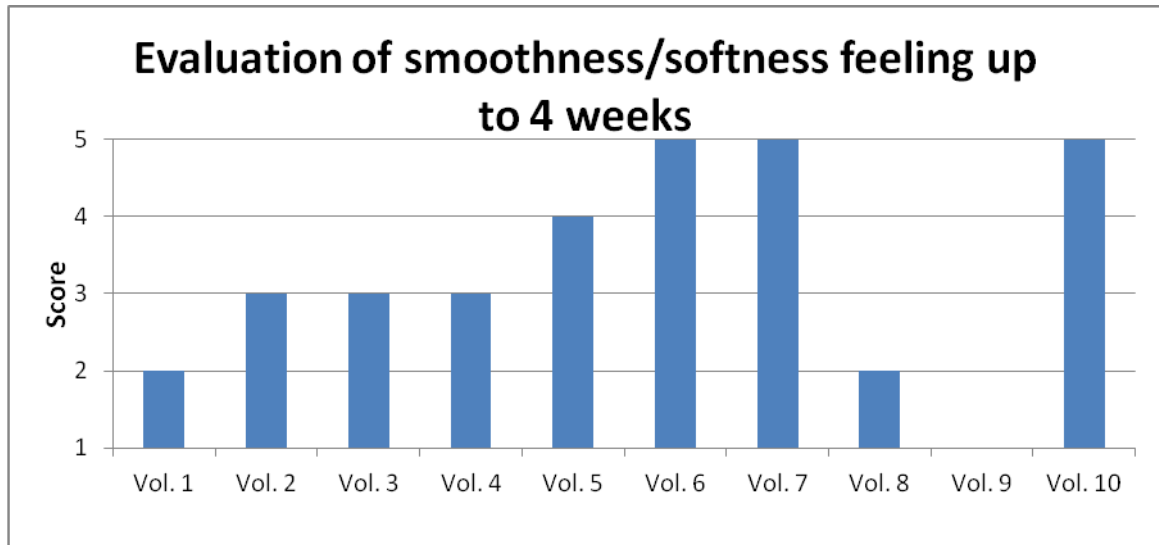
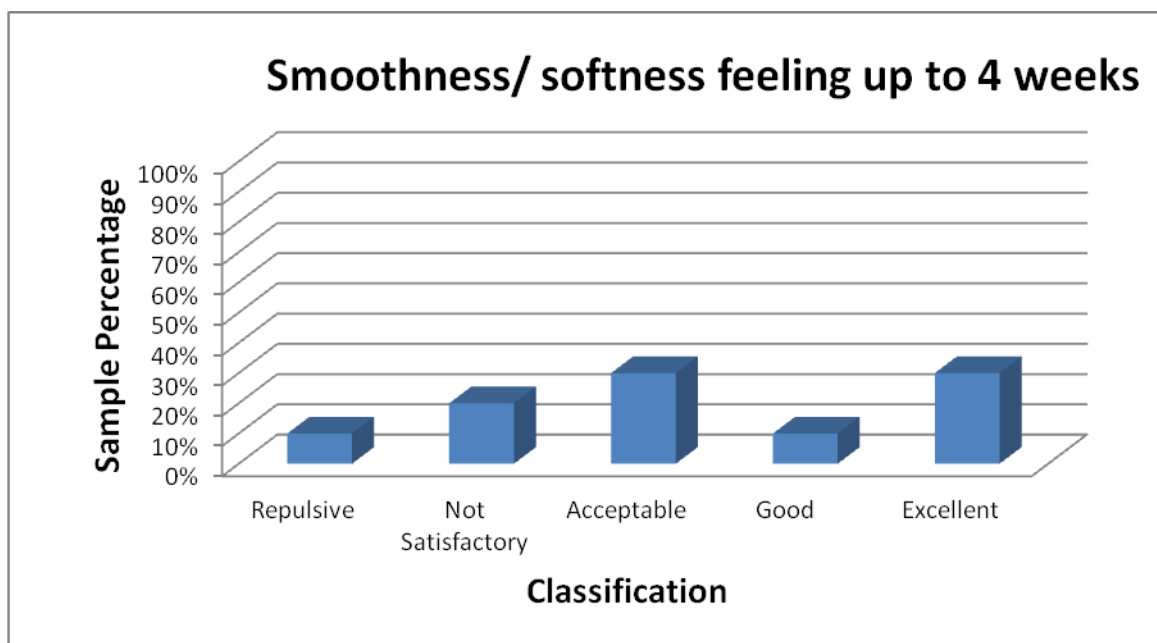


Table VIII. Answers on Parameter 5.

1 (Repulsive)	2 (Not satisfactory)	3 (Acceptable)	4 (Good)	5 (Excellent)	Total
1	2	3	1	3	10

- 40% of the users assessed the smoothness/ softness feeling on skin up to 4 weeks after the epilating process as more than good



Q6. Purchase intention

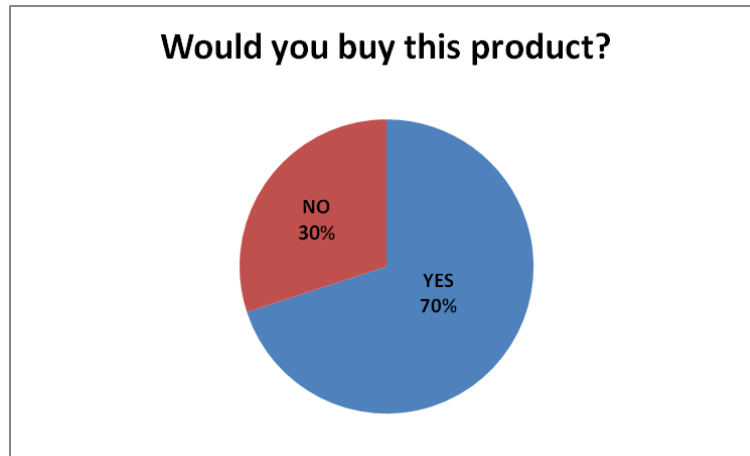


Table IX. Answers on Parameter 6.

Volunteer No.									
1	2	3	4	5	6	7	8	9	10
NO	YES	YES	YES	YES	YES	YES	NO	NO	YES

Q7. Recommendation intention

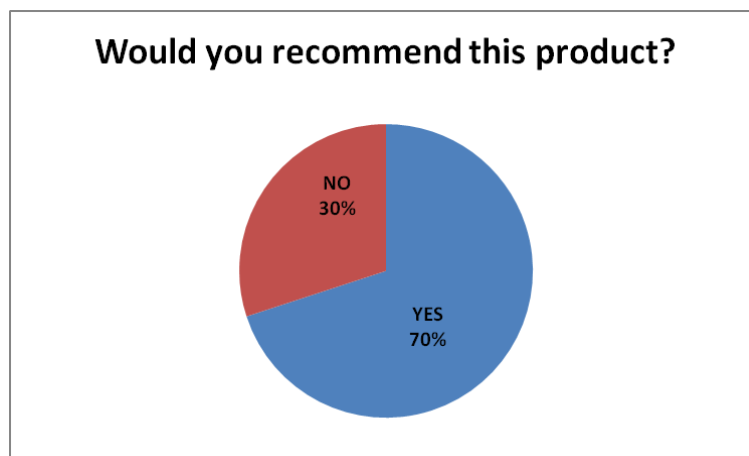


Table X. Answers on Parameter 7.

Volunteer No.									
1	2	3	4	5	6	7	8	9	10
NO	YES	YES	YES	YES	YES	YES	NO	NO	YES

Overview of scored parameters

The volunteers were asked to score 5 parameters after the application of the product. The overall results can be seen in the following table.

Parameter	Score
Impact on the skin	86/100
Ease of use	84/100
Efficacy in hair removal	68/100
Efficacy in hair removal from the root	72/100
Smoothness/ softness feeling, up to 4 weeks	66/100

Discussion

General comments that the volunteers made:

- Volunteer No. 7 noted that she was satisfied with the product and that she would use it.

No side-effects were reported by the volunteers.

CLINICAL EVALUATION

Efficacy (Dermoscopic)

A dermoscopic image is taken in the center of each macroscopic area before and one minute after the procedure. The center is marked with a dot.

The physician assesses dermoscopically the percentage of hair follicles that contain less than 1mm of hair shaft and grades the efficacy result as follows:

0 : none (failure to remove any hair)

1 : 1 - 25%

2 : 26 - 50%

3 : 51 - 75%

4 : 76 - 100%

The efficacy grading of the product for each volunteer, can be seen on the table below :

Volunteer No	Efficacy grading
1	4
2	4
3	4
4	4
5	4
6	4
7	4
8	4
9	2
10	4

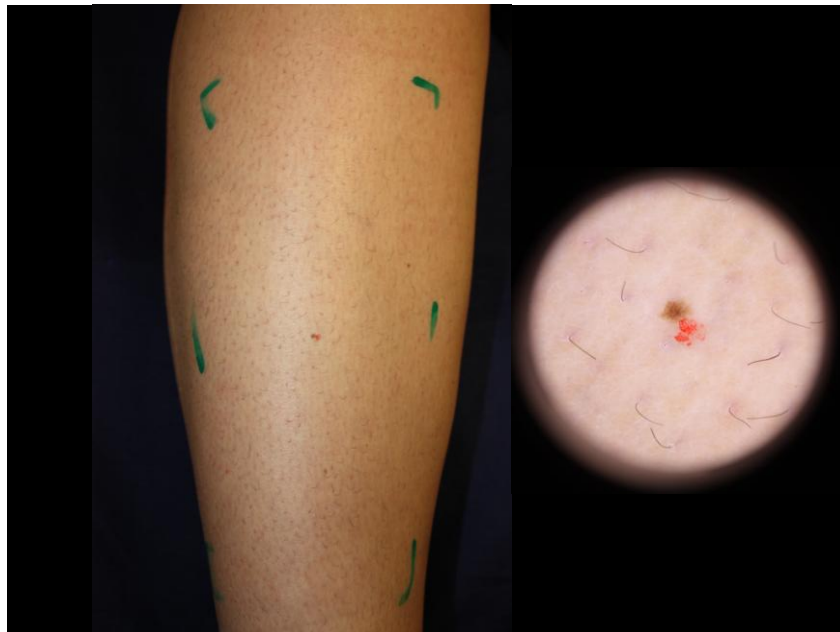
Dermatologist's comments

The procedure has been executed easily, with no adverse events. The device maintained the wax heated at the right temperature during the whole time.

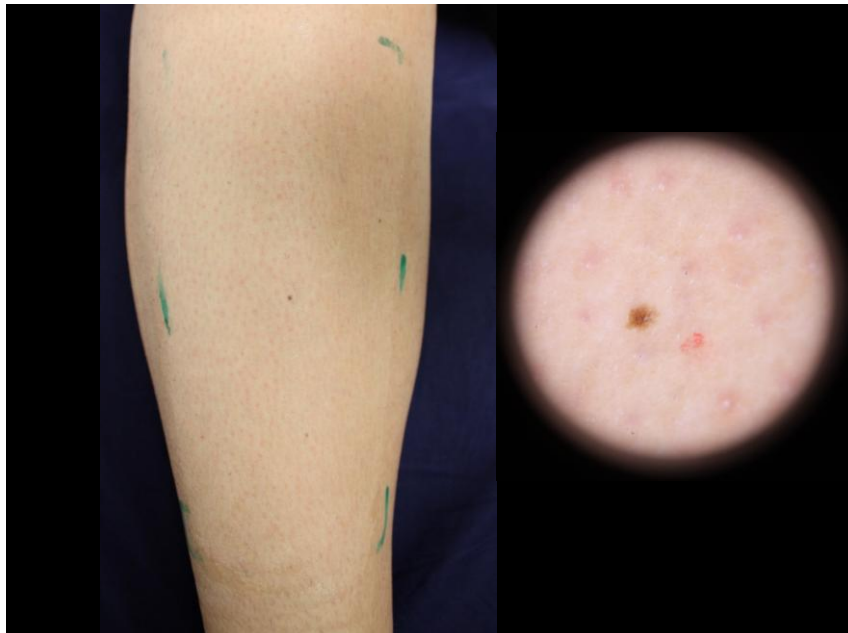
Almost all volunteers had a waxing efficacy level of 4 except for Volunteer No. 9. The latter was marked with level 2 efficacy due to inadequate hair length.

Representative comparative examples

Example 1 (Vol. 3)



Picture 1a. Before waxing



Picture 1b. Immediately after waxing

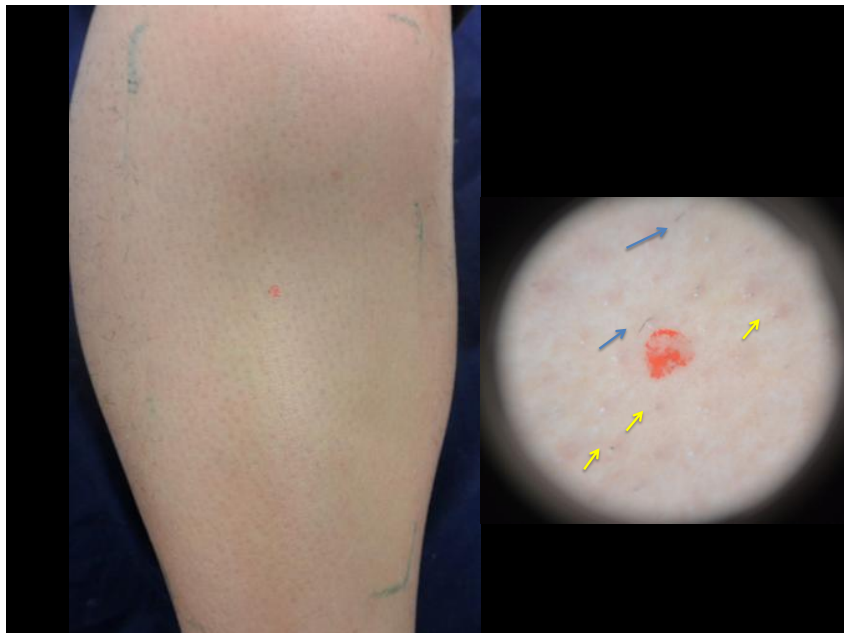
Dermatologist's comments on Example 1:

Immediately after waxing :
Efficacy level : 4 (76-100% hair removed)

Example 2 (Vol. 8)



Picture 2a. Before waxing



Picture 2b. After waxing

Dermatologist's comments on Example 2 :

Immediately after waxing :

Efficacy level 4 (76-100% of hair removed). Blue arrows indicate some remaining hair shafts and yellow arrows point at hair shafts that were extracted at the level of the skin.

CONCLUSIONS

The objective of the study was to investigate the efficacy of hair removal of the product 'BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004)', in a controlled panel test.

10 healthy female volunteers with leg hair, were included in the study. The product was used on the shin. After waxing, a clinical evaluation regarding the level of efficacy, was performed by the dermatologist, with the aid of photos, macroscopic and dermoscopic. The volunteers were asked to answer a questionnaire regarding the product, 4 weeks after waxing.

The study was conducted under the supervision of a dermatologist.

Auto-evaluation - Questionnaire

The product 'BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R - 004)' scored:

- 86% on the impact on the skin (absence of redness, burning, peeling, itching etc.)
- 84% on the ease of use
- 68% on hair removal efficacy
- 72% on the efficacy of hair removal from the root
- 66% on smoothness/softness sensation, up to 4 weeks
- 70% on purchase intention
- 70% on recommendation intention

Clinical evaluation - Photos

The product 'BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R - 004)' was well tolerated. Additionally, it was applied and removed with ease.

Overall, the product has been able to effectively remove leg hair.

Full name and Signature of the Investigator

Printed name : Dr. Christos Prevezas

Date : 21/01/2016

Dr Christos PREVEZAS
Dermatologist - Venereologist



Study Manager:

Printed name : Yiannis Kapetanstratakis

Date : 21/01/2016

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Results refer to the sample as received and analyzed on the period specified.

The test report shall not be reproduced except in full, without written approval of the laboratory.

ANNEX 1 - QUESTIONNAIRE

ΕΡΩΤΗΜΑΤΟΛΟΓΙΟ

Όνοματεπώνυμο	
Ηλικία	
Φύλο	
Προϊόν	BLENIOR ROLL ON CIRE WAX CALENDULA NORMAL SKIN (FORMUL R -004) 15 24 01581

Σύμφωνα με τα ακόλουθα κριτήρια αξιολόγησης,

- 1- ΑΠΩΘΗΤΙΚΟ
- 2- ΜΗ ΙΚΑΝΟΠΟΙΗΤΙΚΟ
- 3- ΑΠΟΔΕΚΤΟ
- 4- ΚΑΛΟ
- 5- ΑΡΙΣΤΟ,

παρακαλούμε χαρακτηρίστε, βαθμολογώντας από το 1 μέχρι το 5, το παραπάνω προϊόν:

Πώς κρίνετε το παραπάνω προϊόν ως προς:	
1. Την επίδρασή του στο δέρμα (ερεθισμός, αίσθηση καψίματος, απολέπιση, φαγούρα);	
2. Την ευκολία χρήσης;	
3. Την ποσότητα των τριχών που αφαιρεί μετά από μία χρήση;	
4. Την αφαίρεση των τριχών από τη ρίζα;	
5. Την αποτελεσματικότητα μετά από χρήση τεσσάρων εβδομάδων;	

Παρακαλούμε απαντήστε με ΝΑΙ ή ΟΧΙ στα ακόλουθα ερωτήματα:

Θα αγοράζατε αυτό το προϊόν;	
Θα συστήνατε αυτό το προϊόν;	

Έχετε κάποιο άλλο σχόλιο ή υποδείξεις σχετικά με το προϊόν;

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Υπογραφή του εθελοντή

../../2016

