TEST REPORT N. 21/000233386

date of issue 25/05/2021

Messrs

Customer ID   0082296

FIRSTMARKET CO., LTD
53 YULGOK-RO,
SAMCHEONG-DONG,
JONGNO-GU
03060 SEOUL
Repubblic of Corea

Sample information

Acceptance number	21.513549.0001
Delivered by	The Courier on 20/04/2021
Receiving Date	20/04/2021
Place of origin	SA HOME SHOPPING SERVICE 13 RUE DU CAPRICORNE 94150 RUNGIS Francia
Sample Description	KOCOSTAR Leg Relax Therapy 8809328324476

Sampling information

Sampled by	Customer

Template   716/SQ rev. 9   Page   1 of 23

ANALYTICAL RESULTS

	Value/ Uncertainty	Unit of measure	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS							1
EVALUATION WITH SELF-ASSESSMENT QUESTIONNAIRE Met.: MP 2324 rev 0 2019	view attached report				25/05/2021- -25/05/2021	11	2

Operative units

Unit 11 : Via Marradi 41 Prato PO

Information provided by the client

Sampled by: Customer
Place of origin: SA HOME SHOPPING SERVICE 13 RUE DU CAPRICORNE 94150 RUNGIS Francia
Description: KOCOSTAR Leg Relax Therapy 8809328324476

Chemical responsible
Dott. Emiliano Castellano   Chimico   Ordine dei Chimici della Toscana.   e dei Fisici   N. 1631 - Sez. A
Num. certificato 20956661 emesso dall'ente certificatore ArubaPEC S.p.A. NG CA 3, ArubaPEC S.p.A., IT

- If not otherwise specified, the uncertainty is extended and has been calculated with a coverage factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probabilty interval of about 99%. - LoQ is the limit of quantification."n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - In case of alteration of the sample the laboratory declines any responsibility on the results that can be influenced by the deviation in case the customer asks for the execution of the test anyway. - If the sampling is not carried out by the laboratory staff, the results obtained are considered referring to the sample as received and the laboratory declines its responsibility for the results calculated considering the sampling data provided by the Customer. The name and contact information of the Customer are always provided by the Customer. - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the judgments of compliance /non-compliance eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

Because you care
about CONSUMERS' HEALTH

In vivo Efficacy evaluation of
Leg Relax Therapy

first
market
Firstmarket Co.,Ltd.

MERIEUX
NutriSciences

- **SAMPLE**

- **METHODOLOGY**

- **ANTHROPOMETRIC MEASURES RESULTS**

- **SELF-ASSESSMENT QUESTIONNAIRE & RESULTS**

- **BIBLIOGRAPHY**

- **ANNEX:**

  I.   VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)

  II. MEASUREMENT PRINCIPLES

  III. SELF-ASSESSMENT QUESTIONNAIRE

  IV. RAW DATA

21.513549.0001 – KOCOSTAR Leg Relax Therapy

- **SAMPLE & INCI**

- **METHODOLOGY**

- **ANTHROPOMETRIC MEASURES RESULTS**

- **SELF-ASSESSMENT QUESTIONNAIRE & RESULTS**

- **BIBLIOGRAPHY**

- **ANNEX:**

    I.   **VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)**

    II. **MEASUREMENT PRINCIPLES**

    III. **SELF-ASSESSMENT QUESTIONNAIRE**

    IV. **RAW DATA**

METHODOLOGY

AIM OF THE STUDY
To confirm and measure the possible benefits of **Leg Relax Therapy**

METHODOLOGY:

Test conducted with 20 volunteers.
Application area: legs
Frequency of use: 1 use /day for 5 days **,** following the using procedure recommended by the client.

OBJECTIVE APPROACH
Anthropometric Measure: ankles and calves (circumference cm).
Time Point: T0 - before treatment, T1 - after one use (30 min of application), T2 - after 5 days of daily use.

SUBJECTIVE APPROACH - **Self-assessment**
Each volunteer filled out a questionnaire at T1 (after first treatment) and T2 (after 5 daily use) in order to register their opinion regarding the product's performance.

DATA ANALYSIS: The statistics test applied for anthropometric measures is T test (α= 0,05).

- SAMPLE & INCI

- METHODOLOGY

- **ANTHROPOMETRIC MEASURE RESULTS**

- SELF-ASSESSMENT QUESTIONNAIRE & RESULTS

- BIBLIOGRAPHY

- ANNEX:

  I. VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)

  II. MEASUREMENT PRINCIPLES

  III. SELF-ASSESSMENT QUESTIONNAIRE

  IV. RAW DATA

MERIEUX
NutriSciences

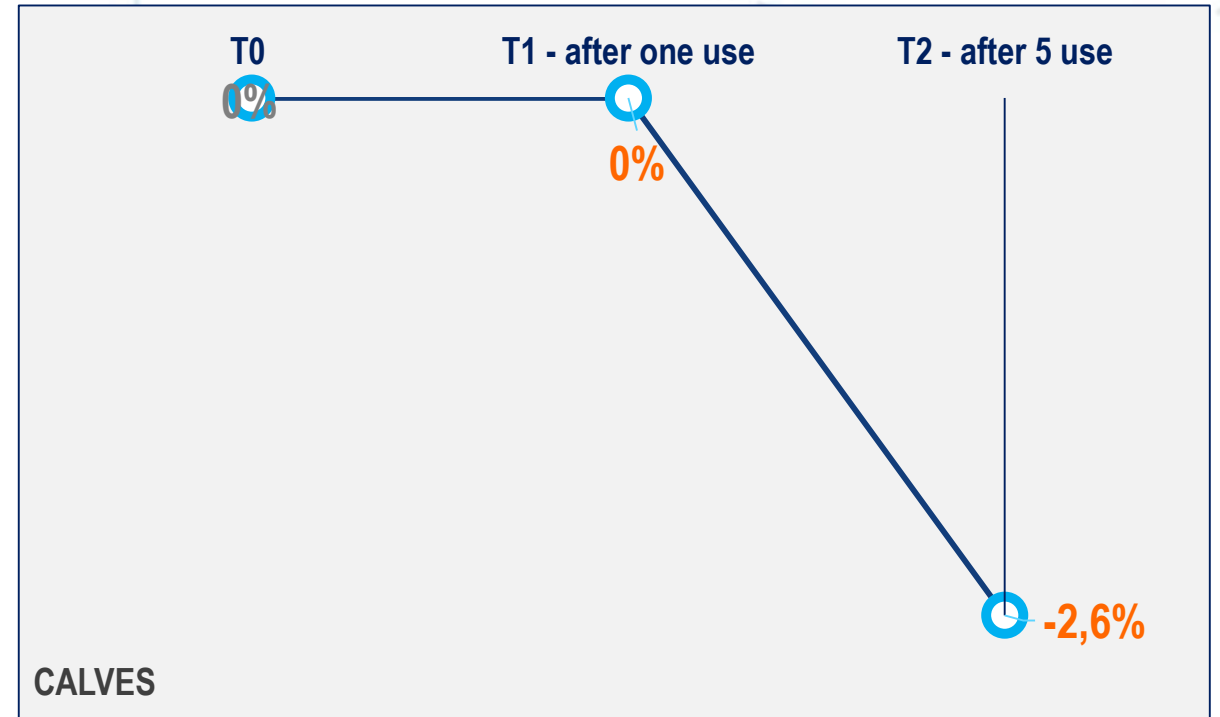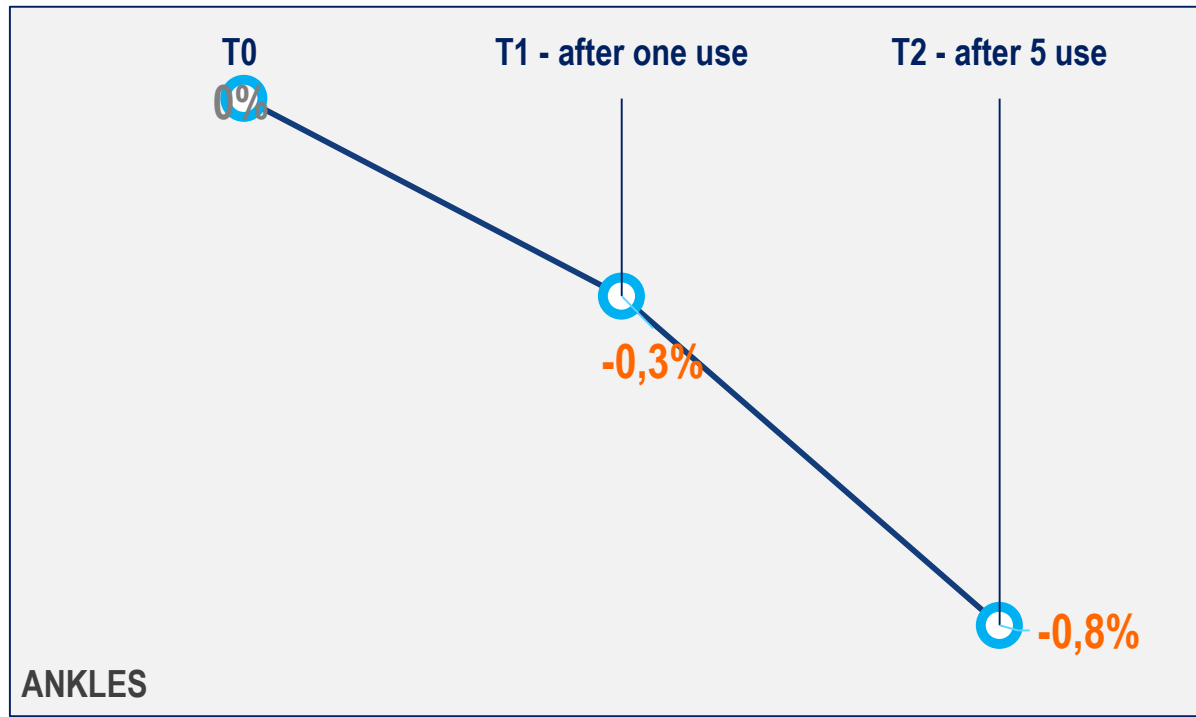The graphs shows the average % variation in anthropometric measure of the arms.

→ **The effect of the treatment is already statistically significant** (compared to T0) **after one use (-0,3%) and it still has a slight improve after 5 use (-0,8%).**

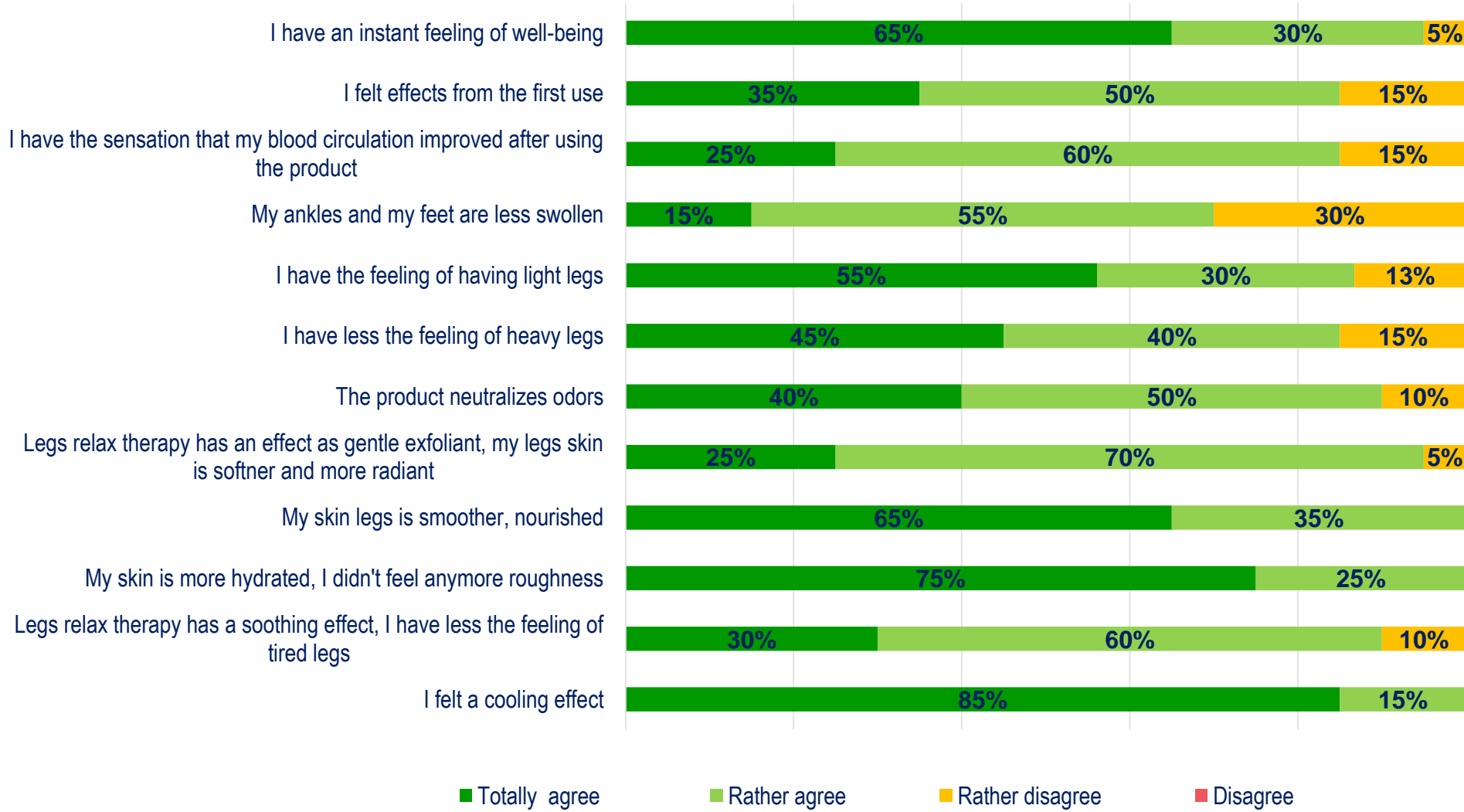→ **The effect of the treatment is not evident after the first use but it becomes significant after 5 use (-2,6%).**

ANKLES

CALVES

- **SAMPLE & INCI**

- **METHODOLOGY**

- **ANTHROPOMETRIC MEASURE RESULTS**

- **SELF-ASSESSMENT QUESTIONNAIRE & RESULTS**

- **BIBLIOGRAPHY**

- **ANNEX:**

  I. **VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)**

  II. **MEASUREMENT PRINCIPLES**

  III. **SELF-ASSESSMENT QUESTIONNAIRE**

  IV. **RAW DATA**

Base: 20 volunteers

Statement	Totally agree	Rather agree	Rather disagree	Disagree
I have an instant feeling of well-being	65%	30%	5%	
I felt effects from the first use	35%	50%	15%	
I have the sensation that my blood circulation improved after using the product	25%	60%	15%	
My ankles and my feet are less swollen	15%	55%	30%	
I have the feeling of having light legs	55%	30%	13%	
I have less the feeling of heavy legs	45%	40%	15%	
The product neutralizes odors	40%	50%	10%	
Legs relax therapy has an effect as gentle exfoliant, my legs skin is softner and more radiant	25%	70%	5%	
My skin legs is smoother, nourished	65%	35%		
My skin is more hydrated, I didn't feel anymore roughness	75%	25%		
Legs relax therapy has a soothing effect, I have less the feeling of tired legs	30%	60%	10%	
I felt a cooling effect	85%	15%		

■ Totally agree ■ Rather agree ■ Rather disagree ■ Disagree

Results T2 - after 5 use– Values: Percentage

Base: 20 volunteers

GENERAL EVALUATIONS

Question	Totally agree	Rather agree	Rather disagree
Would you recommend it to a friend	65%	30%	5%
The product is efficacious	45%	50%	5%
The product is pratical	80%	20%	
The product is pleasant	85%	15%	
The product is easy to use	90%	10%	

■ Totally agree ■ Rather agree ■ Rather disagree ■ Disagree
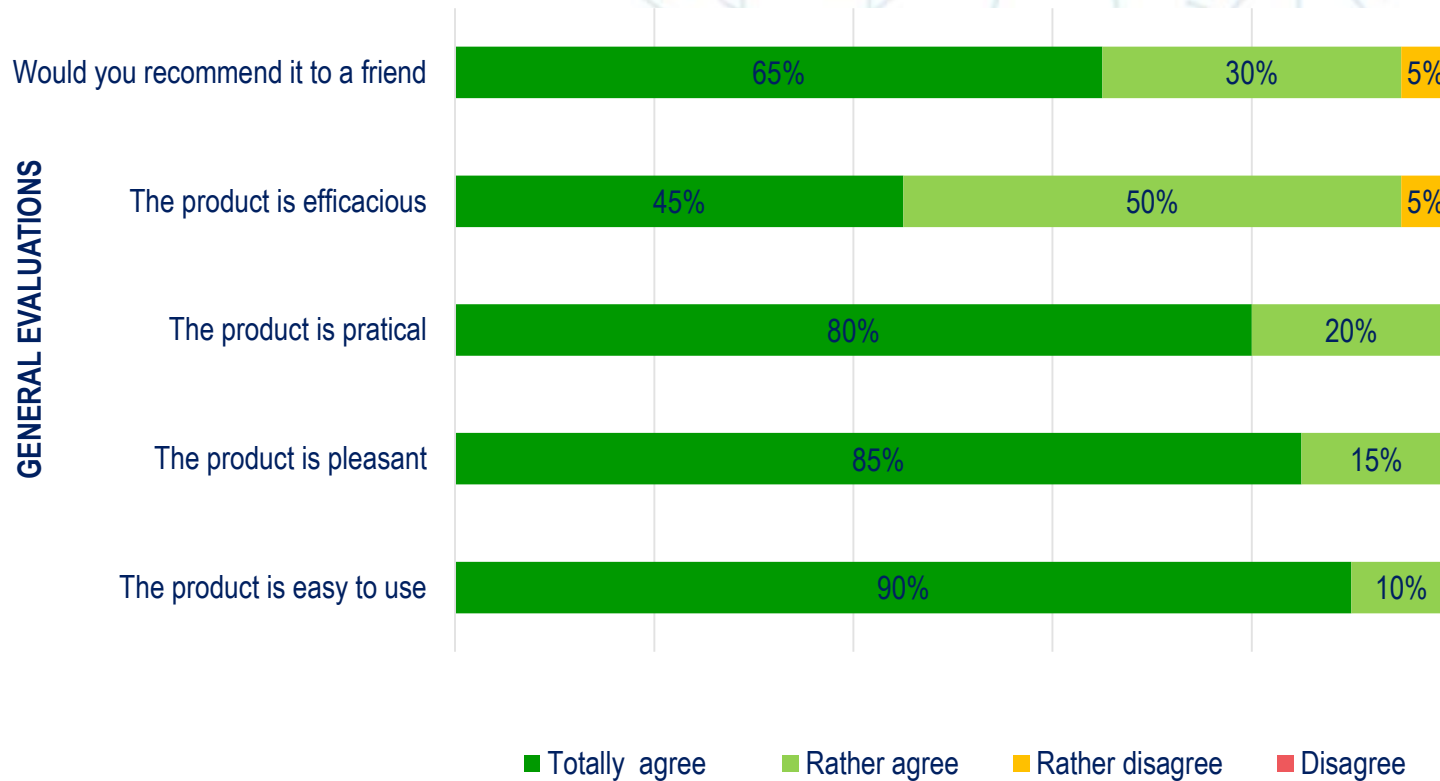
What is your overall assessment of the LEGS RELAX THERAPY?

- 65% Good
- 35% Excellent
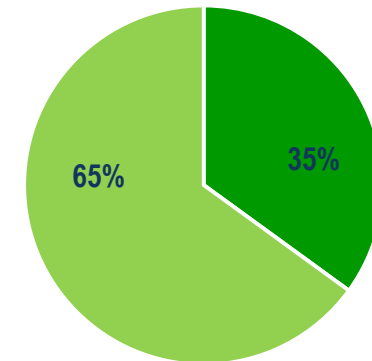
■ Excellent ■ Good ■ Poor ■ Very poor

Would you like to continue the product use?

- 95% Yes
- 5% No
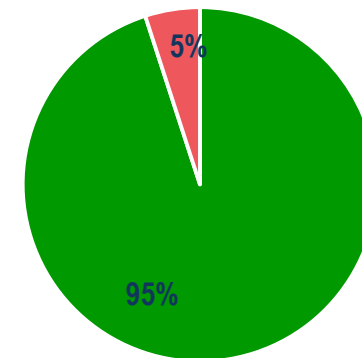
■ Yes ■ No

- **SAMPLE & INCI**

- **METHODOLOGY**

- **ANTHROPOMETRIC MEASURE RESULTS**

- **SELF-ASSESSMENT QUESTIONNAIRE & RESULTS**

- **BIBLIOGRAPHY**

- **ANNEX:**

  I. **VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)**

  II. **MEASUREMENT PRINCIPLES**

  III. **SELF-ASSESSMENT QUESTIONNAIRE**

  IV. **RAW DATA**

BIBLIOGRAPHY

- **Guidelines for the evaluation of the efficacy of cosmetic products**, The European Cosmetic, Toiletry and Perfumery Association – COLIPA.

- **Council of Europe: Recommendation N° R(90)3**, adopted 4th February 1990.

- **Declaration of Helsinki (Revisions 1964-1975-1983-1989-1996) -** World Medical Doctors Association (1997).

- **World Medical Doctors Association (1997) -** Declaration of Helsinki (All Revisions).

- SAMPLE & INCI

- METHODOLOGY

- ANTHROPOMETRIC MEASURE RESULTS

- SELF-ASSESSMENT QUESTIONNAIRE & RESULTS

- BIBLIOGRAPHY

- **ANNEX:**

  I.   **VOLUNTEER'S SELECTION CRITERIA (INCLUSION & EXCLUSION)**

  II. **MEASUREMENT PRINCIPLES - EQUIPMENT AND MEASUREMENT PRINCIPLES**

  III. **SELF-ASSESSMENT QUESTIONNAIRE**

  IV. **RAW DATA**

- 20 Female.

- The subject agrees to comply with the requirements of the protocol.

- The subject agrees to respect the precautions for use.

- The subject gives his agreement by signing the consent form.

- Volunteers in a good state of health.

Informed consent: each volunteer is given a form by filling in and signing which, the volunteer expresses free consent to the test and that he is not in any of the conditions of exclusion from the test.

Informations note: short explanation of test, using instruction, warnings and contraindications.

- Pregnant women and women in breast-feeding period;

- Minor-Subjects who underwent a similar cosmetic treatments on face in the month before the study;

- Previous radiation therapy of the portion of skin to be treated which could compromise the physiological regeneration of the skin;

- Ongoing immunodepressive therapy;

- Ongoing topical drug treatments;

- Allergy and/or hypersensitivity or any other known and/ or probable incompatibility towards one or more of the components of the cosmetic treatment;

- Positive anamnesis for atopy;

- Familiarity with the development of keloids and/ or hypertrophic scars;

- Familiarity with the development of post-inflammatory hyperpigmentations.

GRAPH TAPE: Ergonomic measuring tape to determine the body circumference of adults and children.

To keep the measure it was use a tape measure following these procedure:

Identification of the measure site:

Ankles circumference: The circumference of the ankles is measured with the subject is in upright position, with feet resting on a flat surface, possibly raised. The operator applies the graph tape in correspondence with the malleolus of the leg;

Calves circumference : Measurement is taken with the subject in an upright position and feet approximately 20 cm apart. The operator locates and measures the maximum circumference of the calf;

Tape measure application : The "zero" end of the meter is held by the left hand, while the reading end is controlled by the right hand. The tape measure must not produce soft tissue compression;

Measurement reading: the reading is approximated to 0.1 cm.

GRAPH TAPE seca 201

THINKING ABOUT THE TREATMENT YOU HAVE USED AND ITS EFFECTIVENESS, WE ASK YOU TO ANSWER THE FOLLOWING QUESTIONS BY EXPRESSING YOUR PERSONAL OPINION:	Totally agree	Rather agree	Rather disagree	Disagree
1. I felt a cooling effect	☐	☐	☐	☐
2. Legs Relax Therapy has a soothing effect, I have less the feeling of tired legs	☐	☐	☐	☐
3. My skin is more hydrated, I didn't feel anymore roughness	☐	☐	☐	☐
4. My skin legs is smoother, nourished	☐	☐	☐	☐
5. Legs relax therapy has an effect as gentle exfoliant, my legs skin is softer and more radiant	☐	☐	☐	☐
6. The product neutralizes odors	☐	☐	☐	☐
7. I have less the feeling of heavy legs	☐	☐	☐	☐
8. I have the feeling of having light legs	☐	☐	☐	☐
9. My ankles and my feet are less swollen	☐	☐	☐	☐
10. I have the sensation that my blood circulation improved after using the product	☐	☐	☐	☐
11. I felt effects from the first use	☐	☐	☐	☐
12. I have an instant feeling of well-being	☐	☐	☐	☐

General evaluation:				
	Excellent	**Good**	**Poor**	**Very Poor**
1. What is your overall assessment of Legs Relax Therapy?	☐	☐	☐	☐
2. The product is easy to use	**Totally agree**	**Rather agree**	**Rather disagree**	**Disagree**
3. The product is pleasant	☐	☐	☐	☐
4. The product is pratical	☐	☐	☐	☐
5. The product is efficacious	☐	☐	☐	☐
6. Would you recommend it to a friend?	☐	☐	☐	☐
	Yes		**No**	
7. Would you like to continue the product use?	☐		☐	

Anthropometric measure (Average - cm) – ANKLES CIRCUMFERENCE

Base: 20 volunteers

N.S. it means that no significant differences emerged
* 95% significant difference
** 99% significant difference
*** 99.9% significant difference

Volunteer N.	T0 before using	T1 after one use	T2 after 5 use
1	26,2	25,9	25,7
2	20,6	20,6	20,3
3	21,0	20,7	20,4
4	21,5	21,5	21,4
5	20,4	20,4	20,4
6	21,2	21,1	21,0
7	22,6	22,6	22,2
8	23,7	23,7	23,8
9	21,7	21,7	21,4
10	21,3	21,1	21,5
11	21,5	21,8	21,6
12	20,3	20,3	20,3
13	19,5	19,2	19,0
14	19,8	19,7	19,6
15	23,6	23,6	23,5
16	22,4	22,3	22,5
17	22,4	22,4	22,4
18	22,9	22,7	22,6
19	23,3	23,2	23,1
20	23,0	22,9	22,8
Std Dev.	1,6	1,6	1,6
Average	21,9	21,9	21,8
Significance vs. T0		*	**
Variation (%) vs. T0		-0,3	-0,8

Anthropometric measure (Average - cm) – CALVES CIRCUMFERENCE

Base: 20 volunteers

N.S. it means that no significant differences emerged
* 95% significant difference
** 99% significant difference
*** 99.9% significant difference

Volunteer N.	T0 before using	T1 after one use	T2 after 5 use
1	46,0	45,9	45,3
2	36,7	36,5	36,0
3	33,9	33,8	33,6
4	34,6	34,5	34,1
5	31,3	31,3	30,4
6	32,9	33,2	32,7
7	38,0	38,0	37,6
8	38,6	38,6	38,2
9	35,7	35,6	35,2
10	35,4	35,2	35,6
11	37,3	37,3	36,9
12	35,4	35,4	34,9
13	32,4	32,4	31,9
14	31,4	31,3	29,2
15	38,3	38,2	37,7
16	36,5	36,5	36,4
17	35,7	35,7	35,7
18	37,2	37,2	36,5
19	40,7	40,6	39,8
20	39,3	39,2	39,1
Std Dev.	3,4	3,4	3,5
Average	36,3	36,3	35,8
Significance vs. T0		ns	***
Variation (%) vs. T0		0	-2,6

Thank You