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EVALUATION OF THE EFFECT OF A COSMETIC SOAP BAR "SDTL Energy3" ON WRINKLES AND HYPERPIGMENTATION

Study performed in Dermscan Asia (Thailand)

Final report (version #3.0): #15E3581, April 14th, 2016

Price proposal: #15D3581-7

Product: SDTL Energy 3

Form: White soap bar

Packaging: 28 samples of 25g and 1 sample of 100g

Application zone: Face

Sponsor: LIFE720 Company Limited
Room 238
Hong Kong Institute of Biotechnology
2 Biotechnology Avenue, Sha Tin
Hong Kong

Study monitor: Alex Fung

Investigation site: DERMSCAN Asia

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CERTIFICAT DE CONTROLE QUALITE**QUALITY CONTROL STATEMENT**

PRM03-F-001_V4

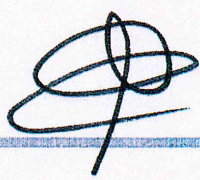
Numéro de l'étude clinique / <i>Clinical study number</i> :	15E3581
Date de début de l'étude / <i>Study start date</i> :	January 25 th , 2016
Date de fin de l'étude / <i>Study completion date</i> :	February 23 rd , 2016

L'étude référencée ci-dessus a été conduite conformément aux règles des Bonnes Pratiques Cliniques (BPC-ICH) et aux procédures opératoires standardisées de DERMSCAN.

The study listed above was conducted in compliance with Good Clinical Practice (GCP-ICH) and DERMSCAN standard operating procedures.

La personne habilitée à exercer le contrôle qualité final atteste du respect des règles et des procédures nommées ci-dessus.

The person responsible for the final quality control certifies that the rules and procedures listed above were respected.

Nom / <i>Last name</i> :	BÉNIER
Prénom / <i>First name</i> :	Corinne
Date / <i>Date</i> :	April 14 th , 2016
Signature / <i>Signature</i> :	

SUMMARY OF THE STUDY REPORT #15E3581

Sponsor: LIFE720 Company Limited Address: Room 238 Hong Kong Institute of Biotechnology 2 Biotechnology Avenue, Sha Tin Hong Kong		Investigator: DERMSCAN Address: 114 boulevard du 11 novembre 1918 69100 VILLEURBANNE FRANCE	
Study Title	EVALUATION OF THE EFFECT OF A COSMETIC SOAP BAR “SDTL Energy3” ON WRINKLES AND HYPERPIGMENTATION STUDY CONDUCTED IN DERMSCAN ASIA (THAILAND)		
Products	Reference: SDTL Energy 3.	Galenic form: White soap bar.	
Study dates	From January 25 th to February 23 rd , 2016.		
Objectives	- To evaluate its anti-wrinkle effect. - To evaluate its firming effect. - To evaluate its moisturizing effect. - To evaluate the subjective appreciation of its properties, of its efficacy, of its tolerance and its future use, - To illustrate the visual effect.		
Experimental plan	Open and intra-individual study.		
Assessment criteria	- Cutaneous relief parameters (3D PRIMOS® Lite).	Kinetics	D0, D0tim., D0t30', D7, D28.
	- Skin biomechanical properties' variations (Cutometer®).	Methodology	Before / After.
	- MeasurementS of cutaneous hydration rate variations (Corneometer® CM 825).	Measurement zone	Face.
	- Subjective evaluation (questionnaire).	Application frequency	Twice a day.
Studied population	Number of subjects analyzed: 27.		
	Average age: 60±1 years (between 53 and 67 years old).		
	<u>Main inclusion criteria:</u>		
	• Sex: female. • Type: asian. • Age: 35 years old and more. • Subject presenting deep wrinkles and sagging skin on the face. • Subject with dark complexion and willing to use skin lightening products. • Diverse group of subjects as much as possible (different ethnicities). • Subject used to apply make-up frequently.		

Results - Conclusion	Under these study conditions, product "SDTL Energy 3": <u>Anti-wrinkle effect using Primos® Lite</u> ➤ presents a smoothing effect after 7 and 28 days of use, characterized by a significant decrease in the average roughness (Ra), respectively of 16% ($p<0.001$) and 12% ($p=0.002$) on average, on D7 and D28. This effect is observed respectively in 85% and 74% of the subjects; ➤ presents an anti-wrinkle effect after 7 and 28 days of use, characterized by: • a significant decrease in the relief amplitude (Rt) of 13% ($p=0.004$) on average on D7, and a limit significant decrease Rt parameter of 8% ($p=0.065$) on average on D28. This effect is observed respectively in 74% and 59% of the subjects; • a significant decrease in the relief amplitude (Rz) respectively of -13% ($p<0.001$) and -9% ($p=0.020$) on average, on D7 and D28. This effect is observed respectively in 81% and 67% of the subjects. <u>Skin biomechanical properties improvement using Cutometer®</u> ➤ induces an improvement in cutaneous elasticity then a younger-behaving after 7 and 28 days of use, characterized by: • a significant increase in R2 parameter, respectively of 11% ($p<0.001$) and 9% ($p=0.001$) on average. This effect is observed respectively in 78% and 70% of the subjects; • a significant increase in R5 parameter, respectively of 10% ($p=0.010$) and 11% ($p=0.001$) on average. This effect is observed respectively in 67% and 70% of the subjects; • a significant increase in R7 parameter, of 12% on average ($p<0.001$). This effect is observed respectively in 70% and 67% of the subjects; ➤ induces a slight improvement in cutaneous suppleness after 7 days of use, characterized by a significant increase in Ue parameter of 4% on average ($p=0.011$). This effect is observed in only 30% of the subjects. <u>Moisturizing effect using Corneometer®</u> ➤ presents a moisturizing effect after 7 and 28 days of use, characterized by a significant increase in cutaneous hydration rate, respectively of 22% and 40% ($p<0.001$) on average. This effect is observed in 93% and 100% of the subjects. Product "SDTL Energy 3" is well appreciated by the majority of the subjects for its characteristics, for its efficacy after 28 days of use. 93% of the subjects would like to continue using it and 94% might buy it regardless of its price. Consequently, Product "SDTL Energy3" has significant anti-aging and rejuvenating capabilities which include significant anti-wrinkles, firming and hydration effect, after 7 and 28 days of use.
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