Warsaw, 25.03.2020

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DERMATOLOGICAL TEST REPORT

SEMI-OCCLUSIVE CONTACT TEST

No. B - 70849/16715/20

BIOLABS ANTIBACTERIAL GEL FOR HAND CARE

Submitted by

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1.	**Basis for the completing of the test**	Order of 18/03/2020 with the assigned number B - 70849/16715/20. Material for testing: samples provided by the Ordering Party in a replacement packaging. The product quality composition was attached by the Ordering Party. INCI: **INCI: Ethyl Alcohol,Aqua, , Aloe Barbadensis Leaf Extract, Panthenol, Carbomer, Triethanolamine,Fragrance.** The Ordering Party is responsible for compliance with the declared and attached qualitative composition of product samples sent for the testing.
2.	**Product characteristics**	**Sample for testing:** **Appearance**: a homogeneous, clear gel. **Aroma**: intense. **Packaging**: replacement - plastic bottle, with dispensing cap, without description.
3.	**Declared purpose of the product**	The product is intended for hand skin care.
4.	**The scope of research is consistent with**	1. Regulation (EC) No. 1223/2009 of the European Parliament and of the Council of November 30, 2009 regarding cosmetic products. 2. Cosmetic Europe – The Personal Care Association (formerly COLIPA) Guidelines "Product test Guidelines for the Assessment of Human Skin Compatibility 1997"
5.	**Purpose of the test**	Assessment of a local skin tolerance of a cosmetic product on a healthy, adult volunteer by applying once a flake test and reading the skin reaction after 24h and 48h, and in the case of a positive skin reaction even after 72 hours.
6	**Selection of volunteers – tested persons**	**The tests are conducted in accordance with Test Procedure 07 / DA ITA - TEST by a dermatologist in a group of 20 tested persons - volunteers by contact tests - a semi-occlusive test.** **The selection of the tested persons-volunteers is made in accordance with Test Procedure 01 / DA**

		ITA - TEST by a dermatologist, taking into account the 1964 Helsinki Declaration (with later additions), Polish and EU regulations, Cosmetics Europe - The Personal Care Association guidelines (formerly COLIPA). The selection of panellists includes the inclusion and exclusion criteria for tests. 20 people (20 women) of the Caucasian type, healthy, including 14 people with a positive history of allergies were selected for the test. In this group: • none of the people had a documented hypersensitivity, as well as in the interview they did not report any adverse reactions to individual components of the tested product, • all persons have reported in the interview adverse skin reactions to some cosmetics and cleaning products used by them (persons are positive interview for allergies and/or atopy), • all persons met the requirements for inclusion in the test, • all persons signed the consent to knowingly participate in the test and were informed about the purpose of the test, the manner of conducting the test and possible side effects. The skin at the tested area (arms on the straight side or back) was normal, without any disease changes. The test participants were not supposed to meet any special requirements, assuming that this type of product should be tested under the natural conditions in which it will be used in practice. It should be added, however, that the results of the test may in exceptional cases be influenced by factors such as: diet, individual tastes, lifestyle, type of work performed, stress and environmental conditions, etc.
7.	**Ways of testing**	**The tested product in commercial form in an amount of 0.1g** was applied to paper flake (Whatmann 3), which were attached with a porous hypoallergenic (surgical) patch on the shoulders on the straight side or on the back. The tests were

		removed after 24h. The first reading was made 15 minutes after taking off the sample, then 48 hours after applying the test, and in the case of positive skin reactions - also 72 hours after applying the test. Reactions were evaluated according to a scale which is consistent with the generally accepted scale in dermatological tests. Reactions were evaluated according to a scale which is consistent with the generally accepted scale in dermatological tests. Characteristics of volunteers and test results are presented in Table 1.
8.	**Duration of the test**	The test lasted **from 23/03/2020 to 25/03/2020**

DERMATOLOGICAL TEST RESULTS

In the tested group of 20 people, including 14 with a positive allergic history, **there were no positive reactions, which proves that the tested product does not have irritating or sensitizing properties.**

The test results are presented in Table 1.

Table 1

Volunteer – tested person no.	Age	Sex	Skin type	Test results after 24h	Test results after 48h
1	25	W	N	(-)	(-)
2	39	W	D	(-)	(-)
3	42	W	N	(-)	(-)
4	33	W	D	(-)	(-)
5	36	W	N	(-)	(-)
6	42	W	D	(-)	(-)
7	43	W	D	(-)	(-)
8	24	W	N	(-)	(-)
9	28	W	D	(-)	(-)
10	58	W	D	(-)	(-)
11	35	W	N	(-)	(-)
12	40	W	D	(-)	(-)
13	40	W	N	(-)	(-)
14	28	W	N	(-)	(-)
15	26	W	N	(-)	(-)
16	24	W	N	(-)	(-)
17	25	W	N	(-)	(-)
18	39	W	D	(-)	(-)
19	70	M	N	(-)	(-)
20	37	M	N	(-)	(-)

Skin condition assessment by a dermatologist

0 or (-) - no reaction,

1 or (+/-) - weak erythema,

2 or (+) - erythema,

3 or (++) - erythema, papules,

4 or (+++) - erythema, slight edema,

5 or (++++) - erythema, infiltration, vesicles

Sex:
W – Woman
M - Man

Body skin type:

N – normal, **D** – dry, **M** – mixed, **L** - normal with a tendency to oily around the seborrheic of the torso

OPINIONS AND INTERPRETATIONS

Based on the results of the semi-occlusive contact tests,

we conclude that the dermatological tested product with the full name

BIOLABS ANTIBACTERIAL GEL FOR HAND CARE

meets the requirements of the Skin Compatibility Test

ATTENTION: The issued assessment does not apply to people who are allergic to any of the ingredients of the cosmetic being tested.

The test results refer only to the tested sample.

Name and signature of the person elaborating the test report

[Stamp with the following inscription: Specialized Research Laboratory ita-test Izabela KUR (signature) Supervisor of the dermatological and application test team]

Name and signature of the person responsible for the dermatological evaluation

[Stamp with the following inscription: illegiblesignature and name; legible only the inscription dermatological specialist]

The test report is only valid with the hologram.
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