

THE REPORT FROM APPARATUS ASSISTED RESEARCH OF COSMETICAL PRODUCT

Product	"Ecodenta" Black Whitening Toothpaste RC 02-35-08
Responsible Person	UAB BIOK LABORATORIJA Zariju str. 2A 02300 Vilnius, Lithuania
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RESEARCH BASIS

Order date	20.10.2015
Order number	525/10/2015
Research time frame	03.11.2015 – 31.12.2015
Report issue date	21.01.2016

CUSTOMER NAME

UAB BIOK LABORATORIJA, Zariju str. 2A., 02300 Vilnius, Lithuania

RESPONSIBLE PERSON NAME

Company name	UAB BIOK LABORATORIJA
Address	Zariju str. 2A., 02300 Vilnius, Lithuania

Product name	"Ecodenta" Black Whitening Toothpaste RC 02-35-08
Ingredients	Glycerin, Aqua, Hydrated Silica, Sorbitol, Sodium Pyrophosphate, Sodium Cocoyl Glutamate, Aroma, Epigallocatechin Gallate, Xantan Gum, Mentha Arvensis (Mint) Oil, Sodium Benzoate, Potassium Sorbate, Phenoxyethanol, Ethylhexylglycerin, Sodium Saccharin, CI 77266 (Carbon Black), CI 77499

PRODUCT CHARACTERISTIC

Product Package	Original – Black plastic tube, labeled with product name
Product Appearance	Black paste with min scent
Product purpose	Toothpaste

The responsible person is responsible for conformity with declared qualitative and quantitative composition and microbiological purity of the delivered research samples.

METHODOLOGY

- The study was conducted in accordance with Regulation of the European Parliament and Council Regulation (EC) No 1223/2009 of 30 November 2009 on cosmetic.
- The study was conducted in accordance with recommendation of Cosmetics Europe – The Personal Care Association Guidelines:
 - product test guidelines for the Assessment of Human Skin Compatibility 1997
 - guidelines for the evaluation of the Efficacy of Cosmetic Products 2008.
- All test of the „Ecodenta" Black Whitening Toothpaste RC 02-35-08" preparations were carried out under supervision of specialists in dermatology and dentist in home settings (home panel).
- Before preparation application, the skin was examined by specialists in dermatology and gynecology.
- Prior the tests, skin was free from any lesions, sights of irritation or contact allergy.
- Skin and subjective symptoms were assessed by dermatologists before, during and after the test completion.

- Additional, important feedback concerning the preparation action was given by subjects, who were staying in touch with a doctor.
 - Subjects – volunteers were given one package of „Ecodenta” Black Whitening Toothpaste RC 02-35-08” each and were obliged to using it regularly for 4 weeks (or until it’s gone), according to manufacturer’s directions: use daily; not to use during the testing period, another products of the same or similar endpoint, stopping immediately preparations application in case of any side effects in the tested area and reporting them to the dermatologist involved in the tests, observation and precisely recording remarks concerning applicability properties of tested product, presenting to the dermatologist and dentist for check-ups during test and immediately after completing the test.

THE AIM OF STUDY

- The aim is to assess check application properties of the product.

SUBJECT – VOLUNTEERS SELECTION

- The selection of probands – volunteers was conducted by a dermatologist according to the Declaration of Helsinki of 1964 (with subsequent amendments), Polish laws, Cosmetics Europe directives with applying inclusion and exclusion criteria. 30 people took part in the study at the age of 22 - 59 years old with sensitive skin, who met the requirements for entering the study and agreed to informed consent to participate in the study. The skin at the selected area was normal, without any lesions. Subjects were informed not to use any kinds of antihistamines or pharmacological agents at the time of test which may affect the tests’ results.

RESULTS

Scoring:

1 – very bad - very weak

2 – poor - weak

3 – satisfactory - proper

4 – good - intensive

5 – very good / too intensive

Y – Yes/agree, N – No/DIagree, D – Don’t know

Evaluation of product action

Subject	Age	Tolerance	The toothpaste irritate mucosa or gums	Perfectly cleanses teeth	Whitens teeth	Removes the plaque	Protects teeth from tartar deposition	Removes tartar	Refreshes	Provides slight antibacterial activity	Provides fresh breath	Leaves a long-lasting feeling of cleanliness and freshness	Overall product assessment
1	34	4	N	Y	N	N	Y	N	Y	0	Y	Y	4
2	29	5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
3	43	5	N	Y	Y	Y	0	N	N	0	N	N	4
4	55	4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	4
5	38	5	N	Y	0	0	Y	Y	Y	Y	Y	Y	5
6	49	5	N	Y	Y	Y	Y	0	Y	Y	Y	Y	5
7	35	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
8	25	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
9	43	4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
10	33	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
11	31	5	N	Y	Y	Y	Y	Y	Y	0	Y	Y	5
12	22	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
13	54	5	N	Y	Y	Y	Y	Y	Y	0	Y	Y	5
14	37	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
15	46	4	N	Y	0	0	0	0	Y	Y	Y	Y	4
16	35	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
17	50	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
18	34	5	N	Y	Y	Y	Y	0	Y	0	Y	Y	5
19	39	4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
20	46	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
21	49	5	N	Y	N	N	0	N	Y	0	Y	Y	3
22	26	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
23	40	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
24	38	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
25	48	4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
26	30	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
27	43	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
28	23	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
29	59	5	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
30	40	5	N	Y	N	N	0	N	Y	0	Y	Y	5
Śr.	39,1	4,8	97% - No	100% - Y	83% - Y	83% - Y	87% - Y	77% - Y	97% - Agree	77% - Y	97% - Y	97% - Y	4,8

Evaluation of product properties

Subject	Color	Taste	Taste Intensity	Consistency Texture	Spread	Washing out	Efficiency
1	5	5	4	5	5	5	5
2	5	5	5	5	5	5	5
3	3	4	5	5	5	5	5
4	4	5	4	5	5	4	5
5	5	5	5	5	5	5	5
6	3	5	4	5	5	5	5
7	4	5	5	5	5	5	5
8	5	4	5	4	5	5	5
9	5	4	4	5	5	5	4
10	5	5	4	5	5	5	5
11	5	4	5	5	5	5	5
12	5	5	4	5	5	5	5
13	2	5	5	4	5	5	5
14	3	5	5	5	5	4	5
15	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5
17	5	4	4	5	5	5	5
18	5	5	4	5	5	5	4
19	5	5	5	4	5	5	5
20	5	5	5	4	5	4	5
21	4	5	5	4	5	5	5
22	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5
25	3	5	4	4	5	5	5
26	4	5	4	5	5	4	5
27	5	5	5	5	5	5	5
28	4	5	5	5	5	5	5
29	4	5	5	5	5	5	5
30	4	4	4	4	5	4	4
Śr.	4,4	4,8	4,6	4,8	5,0	4,8	4,9

Dentist assessment

Teeth cleaning effectiveness	Refreshes	Whitening effect	Protects teeth from tartar deposition	Effectiveness of tartar removing	Antibacterial activity
Very good	Very good	Good	Agree	Good	Very good

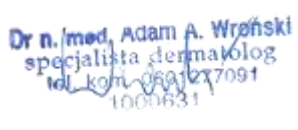
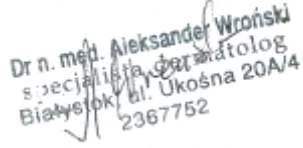
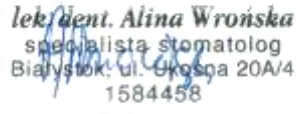
CONCLUSION

On the basis of research by dermatologists, individual assessments of the subjects and interviews collected it was found that:

1. The evaluated cosmetic product „Ecodenta” Black Whitening Toothpaste RC 02-35-08” doesn't have side effects which would confirm its harmful, allergic and irritating effects on skin since none probands that participated in the test report subjective discomforts i.e. irritation, swelling or others that could attest the product's negative impact on mucosa.
2. The given opinion doesn't concern people with the allergy to any component of the product.
3. Application tests and observations made by dermatologists and dentists have confirmed that 'it is a cosmetic product - refreshing and whitening toothpaste that can be recommended for daily morning and evening hygienic care of teeth for people of all ages'.
4. With the well-composed active ingredients, 'during regular application in accordance with the manufacturer's recommendations it shows very beneficial multidirectional advantageous action'.
5. After each use, the tested toothpaste gently but very effectively removes all sorts of debris from teeth, and at the same time, with its delicate antibacterial properties 'provides long-lasting feeling of refreshment, purity and freshness'.
6. Abrasives contained in the tested toothpaste effectively remove food debris, plaque and other debris from the teeth, and, at the same time, are safe for the enamel.
7. Regular use 'very effectively removes all kinds of teeth plaques, including dental calculus, tartar,, thereby triggering the whitening effect'.
8. Mint oil contained in product provides the feeling of cleanness and freshness.
9. Systematic application of the assessed toothpaste in accordance with the manufacturer's instructions effectively protects against tartar deposition, so that provides an aesthetic appearance and fresh breath.
10. The tested product has unusual and unique, yet intriguing black colour which, in the probands' opinion, encourages its regular use.
11. The probands pointed out that the black toothpaste dirties bright bathrooms.
12. Elegant and very practical in use packaging catches the eye and increases aesthetic values.
13. The product is characterized by:
 - delicate creamy consistency,
 - suitable, of adequate intensity, nice, fresh, mint scent,
 - high efficiency in use,
 - easy spreading,
 - very good adhesion,
 - easy washing out,
 - adequate durability of the effect, which does not change during the application.

14. Well-composed, active substances contained in the product cause that the toothpaste is an excellent refreshing and whitening agent for daily dental care.

Stamp and Signature of investigator

		
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