

THE REPORT FROM

DERMATOLOGICAL RESEARCH (Patch test)

APPLICATION and APPARATUS ASSISTED TESTS

BEAUTY PURIFY
(ROSE HIP & ALOE VERA)

Basis for the conducted research:

Order of 16.12.2010 made by Dr Piotr Koziej Centrum Kosmetyków Sp. j. and research material delivered in substitutable packaging.

MANUFACTURER:

LABORATORIES DIET ESTHETIC S.A.

Time frame of the conducted research:

09.02.2011r. – 31.03.2011r.

Product's qualitative composition:

Aloe Barbadosis (Aloe Vera Gel), Glycerin, Kaolin, Sodium Laureth Sulfate, Rosa Moschata Seed Oil, Calcium Panthotenate; Inositol; Biotin; Retinol; Tocopheryl Acetate; Zea Mays Oil; PEG-20 Castor Oil; Propylene Glycol; Alcohol denat.; PEG-60 Hydrogenated Castor Oil; Apricot abrasive, Talc, Xanthan Gum, Vitis Vinifera (Grape) Leaf Extract, Glycine Soja (Soybean) Germ Extract, Triticum Vulgare (Wheat) Germ Extract, Propylene Glycol, Butylene Glycol, Coco Glucoside, Acrylamide/Sodium Acrylate Copolymer, Trideceth 6, Titanium Dioxide, Imidazolidinyl urea, Parfum (Fragrance), Hexyl Cinnamal, Linalool, Methylsiothiazolinone, CI 16035

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

Product characteristics:

- **Product packaging:**

Substitutable packaging – plastic twist-off packaging, make with product name and producer

- **Product appearance:**

Creamy mask with brown peeling flecks with delicate aroma.

- **Product purpose:**

„BEAUTY PURIFY (ROSE HIP & ALOE VERA)” is designed for caring of the skin.

A. THE DERMATOLOGIC RESEARCH /Path Test/

Method of the research:

- The research was done in accordance with Act of 30 March 2001 about cosmetics No. 42, pos. 473 Art. 11 sec. 1 p. 4: evaluation of cosmetics influence on human health safety – including research regarding skin tolerance to a tested cosmetic product done by path test – half – open – European Cosmetic Directive 76/768/EEC (with amendments)

Selection of the subjects – research volunteers:

- Selection of the subjects – volunteers was conducted by a dermatologist in accordance with the Helsinki Declaration of 1964 (with later amendments), the Polish law, EU, COLIPA guide lines using inclusion and exclusion criteria.

In order to execute a diagnostic test regarding harmlessness of the influence on human skin and showing a possible toxic-irritant or sensitizing characteristic of the delivered „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” a diagnostic test with 30 persons was conducted: 17 women and 13 men of the age between 24 – 55 years old. The participants were informed, not to use any anti – histamine pharmacological medicine in this time, which could affect the outcome of the research. The skin of the participants and their subjective impressions were evaluated before the preparation's application, during and after the doctors-specialists of dermatology finished the research. With the above mentioned preparation epidermal patch tests were conducted. Exposition of the tests lasted 48 hours. The results of the patch tests were read after 48 and 72 hours from the application time.

The results:

All results of the patch tests were **negative**.

B. APPLICATION TEST

Properties of the preparation declared by Manufacturer:

- Purifies,
- Peels the keratinized layer of the epidermis
- Regulates sebum production,
- Accelerates the removal of blackheads,
- Moisturizes the skin
- Does not dry skin,
- Restores skin natural elasticity and softness smoothness,
- Restores shine,
- Has an antiwinkle effect
- Has an anti- agining effect.

Method of the research:

- The research was done in accordance with Act of 30 March 2001 about cosmetics No. 42, pos. 473 Art. 11 sec. 1 p. 6: confirmation of the declared by the manufacturer, actions including the applicability properties of submitted preparation.

- All test of the „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” preparations were carried out under supervision of specialists in dermatology and ophthalmologist in home settings (home panel)
- Equipment requiring tests were performed using MPA, Multi Skin Centem MC750, PhotoFinderMedicam and ANTERA cameras.

Selection of the subjects – research volunteers:

- Selection of the subjects – volunteers was conducted by a dermatologist in accordance with the Helsinki Declaration of 1964 (with later amendments), the Polish law, EU, COLIPA guide lines using inclusion and exclusion criteria.
- 30 female subjects within the age range 21 – 49, with various skin types participated in the study.
- Before preparation application, the skin was examined by specialists in dermatology and ophthalmology.
- Prior the tests, skin was free from any lesions, sights of irritation or contact allergy.
- Skin, eyes 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 „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” each and were obliged to:

- applying it regularly on clean and dry skin during 4 weeks (or until it's gone),
- applying it accordingly to manufacturer's recommendation: apply to the face without rubbing. Leave it on the skin for approximately 5 minutes, wipe gently with a massage - generating the effect of peeling, especially around nose. Rinse off with water and dry the skin.
- 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 or ophthalmologist involved in the tests,
- observation and precisely recording remarks concerning applicability properties of tested product,
- presenting to the dermatologist and ophthalmologist for check-ups during test and immediately after completing the test.

Results:

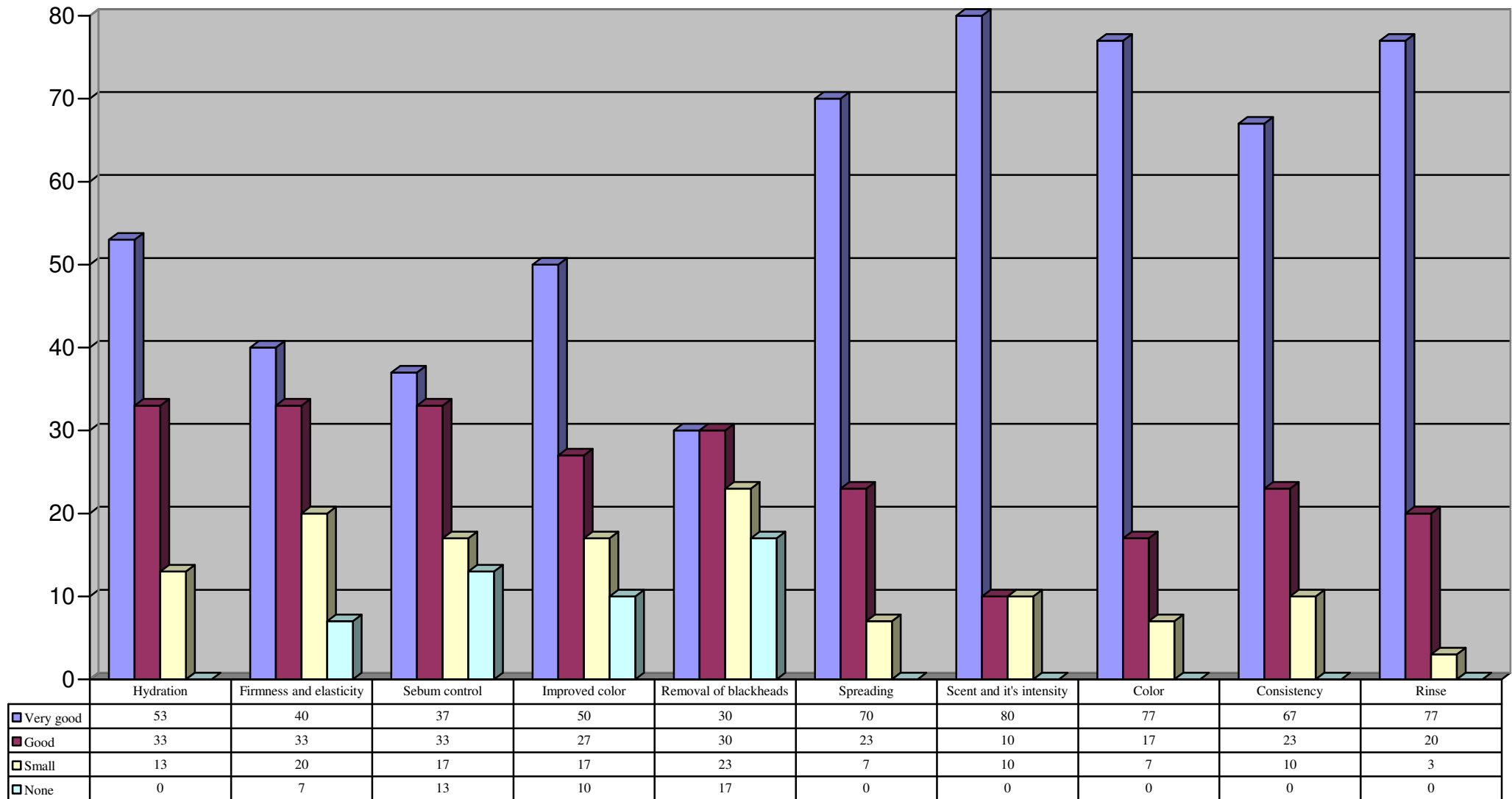
- „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” did not cause any significant irritation and was well tolerated by the skin of the face.

- According to the subjects during the application the mask cleaned the skin from dirt and dead skin keratinized.
- It was observed that after application of the mask is regulation of secretion of serum.
- It was noted also that after treatment, by reducing the secretion of sebum, skin is not oily, not "glossy" and becomes an elegant matte color.
- According to the subjects after using the mask, the skin is optimally hydrated and as a result subject experienced a pleasant feeling of refreshment.
- Subjects noticed that regular application of the mask facilitates and speeds up the removal of blackheads, small lumps and cleanses clogged pores
- It has been proper that mask slows the aging process and works anti-wrinkle.
- According to the subjects, regular 4 week treatment of the mask resulted in improvement in the appearance of the skin, which becomes a brighter, smooth, supple and soft to the touch.
- It has been stated that the mask is practical in use:
 - light, pleasant formula with delicate fragrance
 - creamy consistency with small particles.
- The tested individuals stressed that the mask is very well distributed on the skin.
- Subjects noticed that „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” is very quickly absorbed, leaves on a delicate, velvet film and is easily washed.
- The nature and time of deposition on the skin was typical for this type of

preparations.

- The mask has an adequate durability effect, which does not change during its application.
- According to the subjects after „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” can be used additional care products.

Subjects assessment of the cosmetic properties



C. APPARATUS (EQUIPMENT) ASSISTED TESTS

The aim was to assess hydration, standardization of the sebaceous glands, elasticity, color and smoothing of the skin. Measurements were carried out in air conditioned room of 22°C and relative air humidity of 40 – 60%, in a group of subjects – volunteers participating in the application tests.

- **Measurement of hydration during 4 weeks of application of the preparation**

Subjects designated on the face (chick, beard and forehead) 2 places of 2 x 2 cm, which was imposed on the assessed cream. The measurement of hydration was performed before the test, and then in 1, 2, 3 and 4th week of application. During the test the measurements from all marked areas were divided by 4, giving the average result of skin hydration.

- **Measurement of sebum on the skin during the 4 weeks application of the preparation.**

Subjects designated on the face (chick, beard and forehead) 2 places of 2 x 2 cm. The measurement of hydration was performed before the test, and then in 1, 2, 3 and 4th week of application. During the test the measurements from all marked areas were divided by 4, giving the average result of sebum on the skin.

- **Measurement of elasticity during 4 weeks of application of the preparation.**

Subjects designated on the face (chick, beard and forehead) 2 places of 2 x 2 cm. The measurement of elasticity was performed before the test, and then in 1, 2, 3 and 4th week of application. During the test the measurements from all marked areas were divided by 4, giving the average result of skin elasticity.

- **Measurement of skin color during 4 weeks of application of the preparation.**

Subjects designated on the face (chick, beard and forehead) 2 places of 2 x 2 cm. The measurement of skin elasticity was performed before the test, and then in 1, 2, 3 and 4th week of application. During the test the measurements from all marked areas were divided by 4, giving the average result of skin elasticity.

Results are presented in tables.

Table 1: Average results of measurements of hydration (suborbital area) after application of „BEAUTY PURIFY (ROSE HIP & ALOE VERA)“ during 4 weeks of application (measurement units)

Subject	Measurement of hydration				
	0 week	1 week	2 week	3 week	4 week
A	19	24	25	26	26
B	40	42	43	43	44
C	58	58	60	60	61
D	27	29	31	32	32
E	35	36	37	36	37
Average score for group	36	38	39	39	40
Average score for group in %	100*	105	108	108	111

** 100% - measurements taken before the application product.*

Table 2. Average results of measurements of sebum of the skin after using „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” during 4 weeks of application (measurement units)

Subject	Sebum				
	0 week	1 week	2 week	3 week	4 week
A	30	27	26	26	25
B	43	39	39	38	37
C	53	45	46	45	44
D	62	57	56	55	55
E	38	35	34	35	34
Average score for group	45	41	40	40	39
Average score for group in %	100*	91	89	89	87

** 100% - measurements taken before the application product.*

Table 3. Average results of measurements of elasticity (suborbital area) after application of „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” during 4 weeks of application (measurement units)

Subject	Elasticity				
	0 week	1 week	2 week	3 week	4 week
A	36	36	37	38	40
B	37	38	40	40	41
C	46	46	48	49	49
D	58	59	60	60	61
E	33	34	35	36	37
Average score for group	42	43	44	45	46
Average score for group in %	100%	102	105	107	110

** 100% - measurements taken before the application product.*

Results:

- The research has shown that the use of the preparation according to the results:
 - increase of skin moisturize,
 - systematic increase of elasticity,
 - increase the skin tone,

- regulation of sebum secretion.

Skin smoothing test with the cameras: PhotoFinderMedicam and ANTERA

Randomly selected subjects were examined with the PhotoFinderMedicam and ANTERA before the study, ½ an hour and 4 weeks after applying the tested product – „BEAUTY PURIFY (ROSE HIP & ALOE VERA)”

Results:

- The study confirmed the observations: before applying the test product is clearly visible structure, cavities and parts of dead keratinized epidermis.
- When using a mask the entire surface of the skin and depressions are thoroughly cleaned of any and keratinized dead skin .
- There were no symptoms of skin irritation or microdamage.
- There were no signs that might indicate a breach of natural protective layer.
- 0,5h after application found partial lightening of the skin, and after 4 weeks of a general improvement in skin tone.
- In the study, after 4 weeks of partial observed smooth wrinkles and reduce pore.

CONCLUSIONS

On the basis of research by dermatologists, individual assessments of the subjects and interviews collected in accordance with Article 11 paragraph 1 points 4 and 6 of the Cosmetics Act, it was found that:

- Based on entirety of the conducted research, no symptoms that would indicate harmful effect exerted on the human skin, i.e. toxicity, irritancy or sensitization potential of the product „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” were found. Epidermal tests were all negative.
- This assessment does not apply to persons who have had an allergic reaction to any ingredient of the evaluated product.
- The tested product meets the requirements for cosmetic products of the declared properties regarding safety for human health /Act of 30 March 2001 on cosmetics within Article 11 paragraph 1 point 4/.
- According to the subjects, who have provided relevant information regarding the product's effects, and the dermatologists and ophthalmologist conducting the study, the mask is well tolerated by all the studied persons.
- Specialists ophthalmologist and dermatologist claim that the tested mask used in the suborbital area does not cause eye irritation.
- Formulation based on the delicate and well prepared active purifying components caused that no participant in the study reported any subjective ailments, such as itching, burning or stretching of the skin that would indicate a negative effect of the product on human skin.

- According to respondents, and dermatologists with regular use of masks makes systematic improvement in skin appearance.
- The studies validated the claim that „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” is revitalizing the skin, removes signs of fatigue and stress and causes that the skin is clearly rejuvenated and relaxed.
- Almost immediate results 3 in 1 is particularly important in those active and busy.
- In the opinion of subjects in this study, the mask through the peeling effect, regulation of the activity of the sebaceous glands, contributes to faster recovery from changes in follicular and blackheads appearing frequently in patients with seborrhea complexion and effectively prevents them from forming.
- According to the subjects, to the dermatologists evaluating the skin as well as the tests that have been conducted proved that using the mask regularly, despite reduced secretion of sebum, maintains an adequate level of hydration of the skin so that after use it is not dry, nor too tight.
- At the time of application by reducing the secretion of sebum skin is not oily, not "glossy" and becomes an elegant matte color.
- Mask with well-composed active ingredients of retinol and vitamin B and E, moisturizes, nourishes, and brightens and peels, smoothes wrinkles, and by that combines action and anti-aging beauty products.
- Subject confirmed that the active ingredients through the mask and gentle massage at the time of application: unclogs pores, removes unwanted toxins, stimulates the natural skin renewal process, causing the skin after application

becomes smooth, radiant and luminous.

- The performance of the mask makes the skin like it pleases its usage and is an excellent introduction for further treatment.
- It has been stated that the mask:
 - delicate and creamy consistency
 - delicate fragrance with the right intensity
 - well distributed,
 - good adhesive properties,
 - it washed easily from the places that has been used..
- The mask has adequate durability effect, which does not change during its application
- The test preparation is intended for frequent use, these values are important and encourage its use.
- The tested individuals stressed that the mask is the perfect formula for quickly improving the skin condition mostly people with a tendency to the formation of blackheads and increased secretion of sebum.
- The tested product „BEAUTY PURIFY (ROSE HIP & ALOE VERA)” meets the functional characteristics posed by the manufacturer.