

B – 65/11

**THE REPORT**  
**FROM DERMATOLOGICAL RESEARCH**  
**/Path Test/**  
**XTREME ARBUTIN**

**Basis for the conducted research:**

Order of 03.01.2011 made by Dr Piotr Koziej Centrum Kosmetyków Sp.j. and research material delivered in original packaging.

**Manufacturer:**

LABORATORIOS DIET ESTHETIC S.A.

**Time frame of the conducted research:**

10.01.2011r. – 24.01.2011r.

**Product's qualitative composition:**

Purified Water - Distilled Water, Glycerin, Glyceryl Stearate SE, Cetearyl Alcohol, Cetyl Palmitate, C12- C15 Alkyl Benzoate, Arbutin, Glycyrrhiza Glabra (Licorice) Root Extract, Dimethicone, Kojic acid dipalmitate, Cyclopentasiloxane, Dimethiconol, Ceteth-20, B.H.T., Butyrospermum Parkii (Shea Butter), Sodium bisulphite, Diazolidinyl Urea, Tocopherol, Xanthan Gum, Tetrasodium EDTA, Ascorbic Acid, Allantoin, Benzyl alcohol, 2-Bromo-2-nitropropane-1,3-diol, Parfum, CI 77891, CI. 47005

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

**Method of the research:**

- All research of the preparation „EXTREME ARBUTIN” was conducted under supervision of doctors-specialists of dermatology.
- 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 patch test – half – open – European Cosmetic Directive 76/768/EEC (with amendments)

**Selection of the probands – research volunteers:**

- Selection of the probands – 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.

## THE DERMATOLOGIC RESEARCH

### /Path Test/

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 „EXTREME ARBUTIN”, a diagnostic test with 30 persons was conducted: 18 women and 12 men of the age between 21 – 61 years old. The participants were informed, not to use any anti – histamin 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.

# CONCLUSIONS

- Based on the entirety of the conducted research there were no findings for symptoms, which would implicate a harmful, i.e. allergic or toxic-irritant influence of the tested „EXTREME ARBUTIN” on skin – path tests negative.
- The issued opinion does not apply to anybody with an allergy to any of the ingredients of the tested preparation.
- The tested preparation fulfills requirements for cosmetic products of declared specifications, i.e. hypo – allergic in regards to human health safety /Act of 30<sup>th</sup> March 2001 about cosmetics in terms of article 11, act 1, point 4/.

**DIAGNOSTIC-TEST**  
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