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REPORT

On the performance of the assigned work
Under contract from 17.04.2019 for microbiological analysis on probiotic products
of the company Perilis Trading EOOD

The following probiotic product of Perilis Trading EOOD

- BED Pro-biotic, van der Schoot technology – probiotic neutralizer for mites and allergens

was investigated for inhibitory effect on the presence of European house dust mite *Dermatophagoides pteronyssinus*. The test was conducted in ten premises, of which two were laboratory and eight were households. An assay for the presence of DERP1 antigen in the monitored sites was performed after administration of the product within one month. The product's application was in accordance with the manufacturer's instructions. Samples were collected prior to product administration and twice thereafter – at the end of the second and fourth weeks of the beginning of the test period. Extraction of the antigen was performed according to protocols published in the scientific literature, and the antigen was demonstrated by an ELISA immunoassay for DERP1 antigen.

The result obtained showed that the product tested effectively reduced and eliminated the presence of the European species of European house dust mite *Dermatophagoides pteronyssinus*. The quantitative data from the analysis are available in the attached detailed scientific report. This result confers only to the tested three products and any extrapolation or transfer to other products is responsibility of Perilis Trading EOOD.

Experimenter:


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