



Independent lab tests show būji Block® protects and conditions the skin as it outsmarts poison ivy and poison oak

During the Fall of 2005, an independent New York laboratory performed four skin tests on qualified participants. The purpose of the tests was to evaluate the usage of būji Block—a pre-contact protective lotion that guards against poison ivy and poison oak.

Skin Moisturizing and Film Forming/Barrier Protection Test. This test assessed the moisturizing properties of būji Block. The product was applied to a small area on the inner arms of five test subjects. Over the next 24 hours, technicians used a Novameter to measure the amount of moisture retained by the skin and a small probe to assess Transepidermal Moisture Loss (TEML). A reduction in TEML generally indicates a proportionately high film barrier.

The laboratory concluded that a single application of būji Block dramatically increased moisture content of the skin over a 24-hour period. Decreases in the TEML readings during the same time period revealed that būji Block forms an effective film on the skin that provides a barrier of protection against moisture loss.

Facial Discomfort Assay Test. This test determined whether or not the application of būji Block to the face resulted in any stinging or burning sensation. The product was swabbed onto the cheek of test subjects who were pre-qualified as sting sensitive. They were then asked to sit and record all sensations felt during the 5 minutes immediately after the application. In addition, each panelist was asked to rate the intensity of any reactions.

No reactions of any kind were observed during the test; compelling the laboratory to conclude that būji Block is non-stinging.

Repeat Insult Patch Test. This test concluded that būji Block does not irritate or cause skin sensitivity even when continuously reapplied. Fifty subjects participated in this study. būji Block was dabbed onto hypoallergenic adhesive patches that were then placed on the subjects' backs. Each subject was instructed to remove the patch after 24 hours.

This procedure was repeated until a series of nine consecutive 24-hour exposures was completed. Participants were then given a 10-to-14-day rest period after which a re-test dose was applied to a different test site on their skin. No adverse reactions were recorded during the study which led the laboratory to determine that būji Block is a non-primary irritant and non-primary sensitizer to the skin.

SPF and Water-Resistance Index. A key benefit of būji Block is that it also contains a sunscreen. The final test determined its SPF index and its resistance to water. The panel consisted of subjects with fair skin. Technicians applied būji Block to a test site on their backs and then exposed the site to an artificial UVA-UVB spectrum light. An additional water resistant test was performed on subjects after the artificial sunlight test. More būji Block was applied to a different area of the skin and subjects were asked to spend a total of 80 minutes immersed in water (20 minutes in the water, 20 minutes out X 4).

Subjects returned to the testing facility the next day for analysis. būji Block earned a dry condition SPF value of over 25 and a very water resistant SPF value of over 15.

Hypoallergenic and fragrance-free būji Block is also pediatrician and dermatologist tested.