

# ABS Pueraria Mirifica Extract PF Efficacy Data

**Code:** 10642  
**INCI Name:** Water & Butylene Glycol & Pueraria Mirifica Root Extract  
**CAS #:** 7732-15-5 & 107-88-0 & 999999-99-4  
**EINECS #:** 231-791-2 & 203-529-7 & 310-127-6

Name of Study	Results
<b>Improvements in Moisturization</b>	As evidenced in a 3 week efficacy study of ABS Pueraria Mirifica Extract PF on skin, moisture levels were improved by 39% after 24 hours and by 26% after 3 weeks when compared to the untreated control. When compared to the base cream ABS Pueraria Mirifica Extract PF improved moisturization 37% better after 24 hours and 7% better after 3 weeks. Results indicate that ABS Pueraria Mirifica Extract PF is capable of increasing moisturization when compared to both the untreated control as well as the base lotion.

# ABS Pueraria Mirifica Extract PF Moisturization Study

**Code:** 10642

**INCI Name:** Water & Butylene Glycol & Pueraria  
Mirifica Root Extract

**Suggested Use Levels:** 1.0-10.0%

## Abstract

An *in-vivo* study was conducted over a period of three weeks to evaluate the moisturization benefits of **ABS Pueraria Mirifica Extract PF**. 10 M/F subjects between the ages of 23-45 participated in the study. Results indicate that this material is capable of significantly increasing moisturization compared to the control.

## Materials and Methods

10 volunteers M/F between the ages of 23 and 45 and who were known to be free of any skin pathologies participated in this study. A Dermalab Corneometer was used to measure the moisture levels on the subject's volar forearms. The Corneometer is an instrument that measures the amount of water within the skin. The presence of moisture in the skin improves conductance therefore results in higher readings than dry skin. Therefore the higher the levels of moisture, the higher the readings from the Corneometer will be. Baseline moisturization readings were taken on day one of the study.

Following initial measurements, all subjects were asked to apply 2 mg of each test material on their volar forearms. Measurements were taken immediately after application of test materials and then weekly for 3 weeks. The test material consisted of 5% **ABS Pueraria Mirifica Extract PF** in a base lotion.

For added perspective, measurements of an untreated test site and a site treated with a base lotion (Cetaphil Moisturizing for All Skin Types) were recorded.

## Results

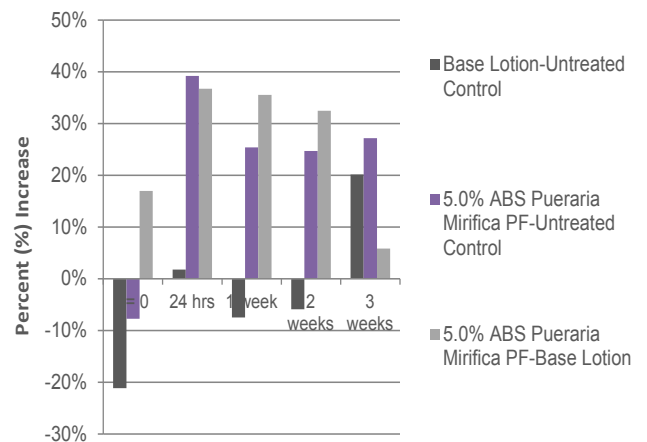


Figure 1. Percent increase in moisturization after application of application of **ABS Pueraria Mirifica Extract PF**.

## Discussion

As evidenced in a 3 week efficacy study of **ABS Pueraria Mirifica Extract PF** on skin, moisture levels were improved by 39% after 24 hours and by 26% after 3 weeks when compared to the untreated control. When compared to the base cream **ABS Pueraria Mirifica Extract PF** improved moisturization by 37% and after 3 weeks **ABS Pueraria Mirifica Extract PF** improved moisturization by 7%. Results indicate that **ABS Pueraria Mirifica Extract PF** is capable of increasing moisturization when compared to both the untreated control as well as the base lotion.