ABS Imperata Cylindrica Root Extract PF

NPA Compliant + Excellent Moisturizer

Tomorrow’s Vision... Today!®
ABS Imperata Cylindrica Root Extract PF

Technical Information

• **Code:** 10306PF

• **INCI Name:** Water & Imperata Cylindrica Root Extract

• **INCI Status:** Approved

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

• **Suggested Applications:** Moisturization, Conditioning
Imperata Cylindrica

- Also known as Cogon Grass
- Native regions that are partial to brief flooding
- Capable of surviving in a wide range of climates
ABS Imperata Cylindrica Root Extract PF

• An excellent long-term moisturizer that shows increased hydration effects even after 24 hours

• Its benefits are attributed to:
  • The plant’s ability to survive in flooded environment
  • The all-natural, plant extracts that are rich in potassium and 3-dimethylsulfoniopropionate (DMSP), which help increase intercellular osmosis, as water is believed to be drawn into the cells and may remain there even after showering

What is DMSP?

• DMSP is an osmoprotective compound that can be found in many plants with known moisturizing properties

• Research has shown that DMSP is derived from methionine, one of the essential amino acids in human nutrition
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Benefits

• ABS Imperata Cylindrica is composed of 65-75% water

• Provides potent hydration to the stratum corneum
  • The skin looks younger and wrinkles fade

• May help ensure increased cellular metabolism and enhanced collagen synthesis
  • Provides long term skin enhancement properties
Efficacy Data

Moisturization Study

Protocol

- 12 subjects (M/F)
- Test materials: 5% ABS Imperata Cylindrica Root Extract PF + Biological Control
- Equipment: Nova Impedance Meter
- Application site: Left and right side of the face
- Length: 30 days

ABS Imperata Cylindrica Extract PF is capable of increasing the level of skin moisturization by almost 45%, which is 88% more effective than no treatment at all

Figure 1. Moisture levels on the skin results following a 30 day application of ABS Imperata Cylindrica Extract PF, Positive Control and an Untreated Control.
ABS Imperata Cylindrica Root Extract PF
Efficacy Assays

Additional Data

• Dermal and Ocular Irritation Tests: Non-Irritating
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THANK YOU
For more information – Visit our website!
www.activeconceptsllc.com