

# ACB Bamboo Isoflavones PF

Antioxidant, Increase Fibroblast Proliferation, Improve Slip & Aesthetics



Tomorrow's Vision... *Today!*<sup>®</sup>



# ACB Bamboo Isoflavones PF

---



## \*20344PF – ACB Bamboo Isoflavones PF

**Product Code:** 20344PF

**INCI Name:** Lactobacillus/Arundinaria Gigantea Leaf Ferment Filtrate

**INCI Status:** Approved

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

**Suggested Applications:** Antioxidant, Increase Fibroblast Proliferation, Improve Slip & Aesthetics

# Benefits of Bamboo

---



- Natural, sustainable
- Rich source of natural silica
- Isoflavones – Powerful Antioxidant
- Fits into consumer trends
  - More healthy & balanced lifestyles



# ACB Bamboo Isoflavones PF

---



- Innovative, bamboo derived product
- Produced by:
  - Macerating bamboo-stalks & leaves > Fermenting them with *Lactobacillus lactis*
  - Forms a bio-silicate with the silica – plants matrix
  - Isolation = product with powerful benefits!

# In-vitro Efficacy Data

## ORAC Assay

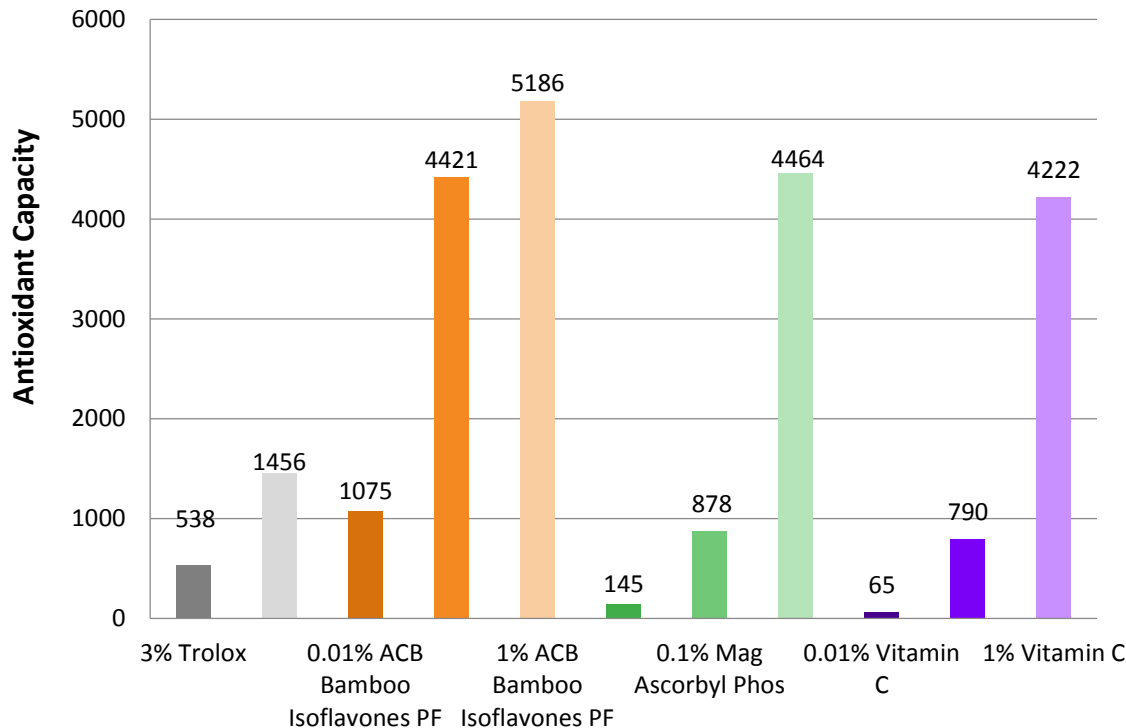


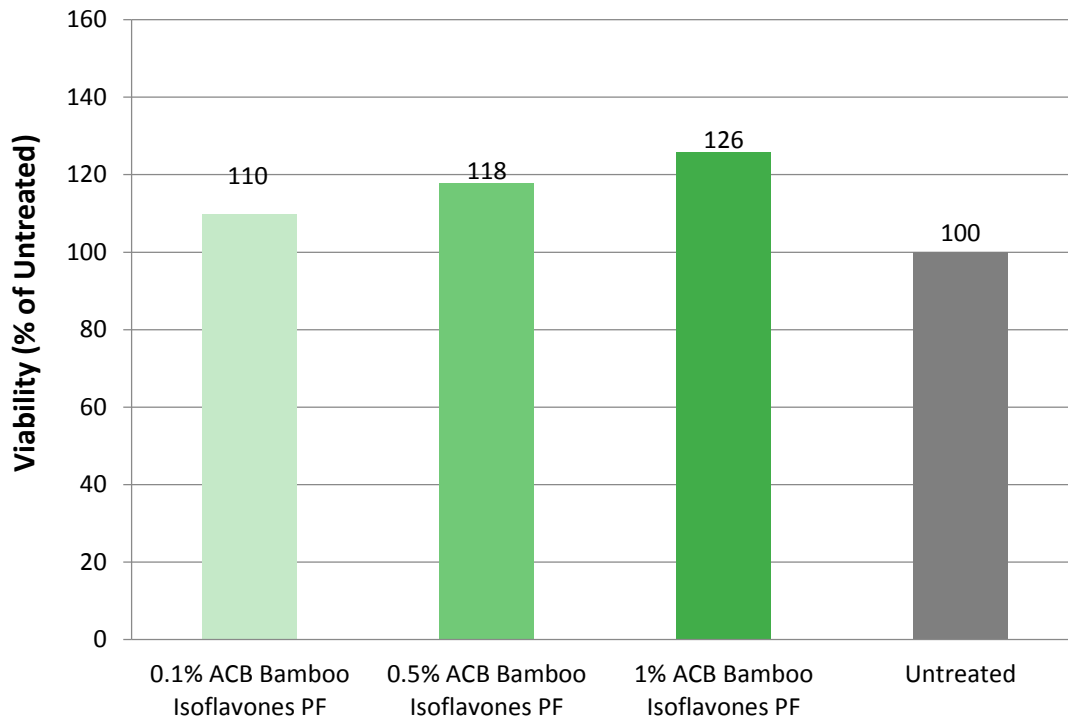
Figure 1: Results of the antioxidant capacity of test materials.

## Protocol

- Trolox is used as the positive control
- Solutions were prepared at two concentrations for a reference
- Fluorescent measurements were taken every 2 minutes for 2 hours
- **ACB Bamboo Isoflavones PF** showed antioxidant activity at .01% and 1.0%

# In-vitro Efficacy Data

## MTT Assay



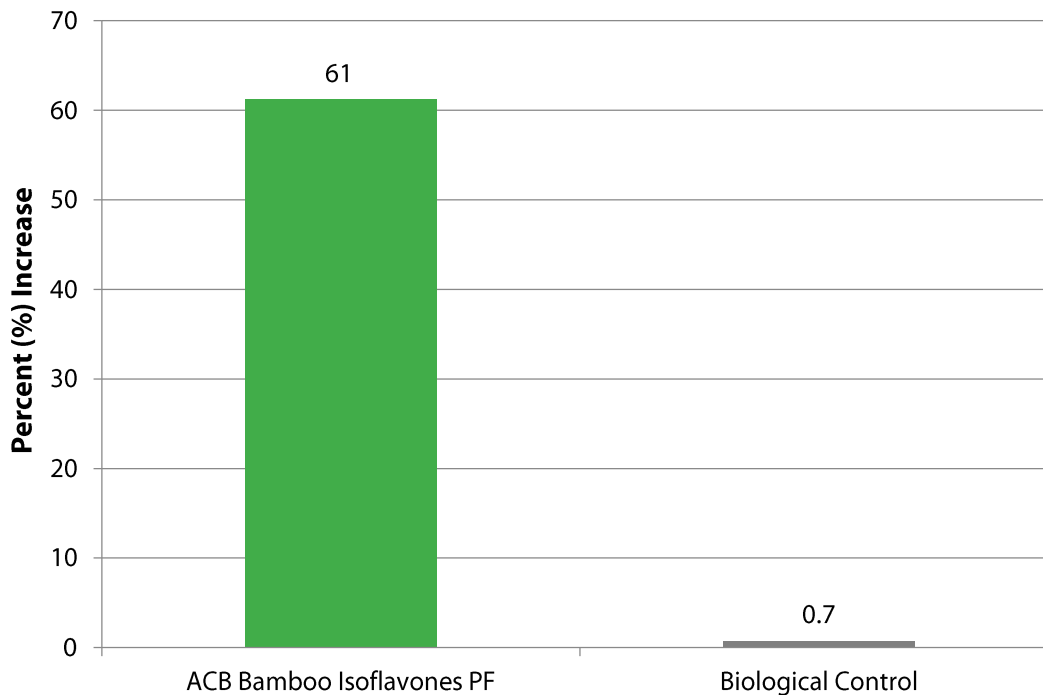
**Figure 2:** Improvements in fibroblast proliferation following application of **ACB Bamboo Isoflavones PF**.

### Protocol

- MTT Assay – one of the most reliable ways to study fibroblast proliferation
- Also used as indicators of toxicity
- If the absorbance results are lower than the control its an indication that the substance affected the viability of the cells

# In-vivo Efficacy Data

## Increase in Epidermal Slip Assay



### Protocol

- **Subjects:** 20 (m/f)
- **Test area:** Left Hand
- **Concentration of active used:** 10.0%
- **Frequency of application:** Twice Daily

**Figure 3:** Increase in epidermal slip following application of **ACB Bamboo Isoflavones PF**.

# ACB Bamboo Isoflavones PF

---



## \*20344PF – ACB Bamboo Isoflavones PF

**Product Code:** 20344PF

**INCI Name:** Lactobacillus/Arundinaria Gigantea Leaf Ferment Filtrate

**INCI Status:** Approved

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

**Suggested Applications:** Antioxidant, Increase Fibroblast Proliferation, Improve Slip & Aesthetics



# ACTIVE CONCEPTS LLC

---



**THANK YOU**