

# CAFFICELL

## Biorefinery approach for more efficient use of natural resources for skin energizing

**INCI:** Water, *Coffea arabica* seed extract, potassium sorbate, sodium benzoate

**Bioactive chemical compounds:** caffeine, chlorogenic acid, theophylline, theobromine, tannins

From spent coffee grounds...



...to highly efficient extracts...



...with characterized bioactivities...



...for outstanding skin and hair-care formulations

### Unlocking the Potential of Spent Coffee Grounds

Every day, over **2.25 billion cups** of coffee are consumed worldwide. This massive consumption generates a significant amount of waste in the form of spent coffee grounds, which still contain numerous beneficial plant compounds. To fully harness the potential of coffee beans, we employ tailored extraction techniques to recover skin-energizing and protective compounds from these grounds.

CaffiCell is rich in caffeine, chlorogenic acid, theophylline, theobromine, and tannins. These bioactive compounds contribute to its highly effective skin-protective and energizing properties:

- **Skin Protection:** The antioxidants derived from coffee effectively neutralize free radicals, protecting the skin from oxidative stress and contributing to the slowing of skin aging.
- **Skin Energizing and Scalp Health:** Caffeine, theophylline, and theobromine stimulate microcirculation, enhancing skin vitality. This improved circulation promotes scalp health and supports hair growth.

**Recommended use level:** 2-5%

#### More Information:

[www.alternativeplants.eu](http://www.alternativeplants.eu)



ALTERNATIVE PLANTS

#### Contacts:

[products@alternativeplants.eu](mailto:products@alternativeplants.eu)