



Cascading Benefits of Coffee Cabeco®: RSE, Regenerative Cosmetics, High Value Active Ingredients: Cofoil®, Cofex® Extra and Cofex® Ultra. David Perry and Frédéric Verwilghen. David.perry@cabeco.coffee.

INTRODUCTION

Cabeco® invents EXPAC®, a Zero Carbon Process, and the high value active ingredients Cofoil® and Cofex® to decarbonate the Coffee Sector, where millions of tons of Spent Coffee Grounds a year.



Etapes et procédés



Séchage



Extraction



Micronisation



Conditionnement

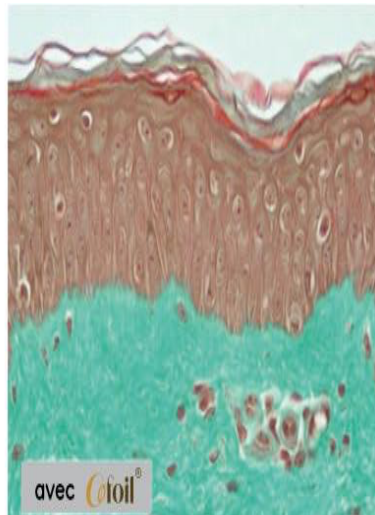
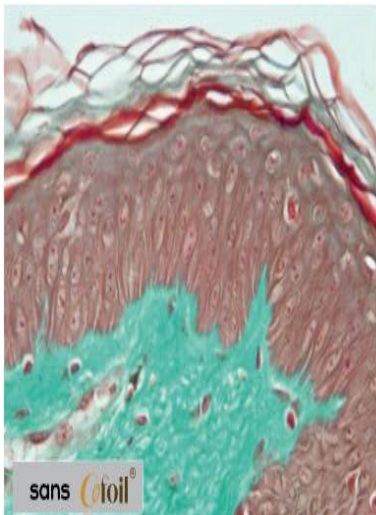
Façonnage ➡ Unité autonome ➡ Usine



RESULTS



- 10-tons SCG dried to <4% WC in 4 hours using a large-scale dryer, yield 5-6 tons dry powder, 10-30% lipid depending on coffee nature, as mixed Arabica/Robusta
- No heavy metals, No Aflatoxins,
- No Caffeine, No Chlorogenic acids.
- Completely NEW mode of Action.
- Unique Fatty Acid Composition, Phytosterols,
- Vitamin E and Vitamin A pre-cursors.
- Anti-wrinkle, anti-inflammation, healing neo-dermal regeneration, lamination, fibroblast, collagen neo-synthesis, Aquaporin and Defensin enhancement.
- Microbiome benefits and anti-MRSA.



References:

1. Perry, David., Verwilghen, F. Coffee Butter and Methods of Preparation and uses thereof. WO 2025/162904, PCT/EP2025/052061.2025. 20pp.
2. Perry, David., Verwilghen, F. Novel Lipids of a Spent Coffee Grounds Super-C extract. 5th Lipid and Cosmetics Congress. Bordeaux. *In press*.
3. Perry, David., Verwilghen, F. Cascading Benefits of Coffee (Cabeco®): RSE, Regenerative Cosmetics, High Value Active Ingredients: Cofoil®, Cofex® Extra and Cofex® Ultra. 30th Asic 2025. Lisbon. *In press*.