



What exactly is activated charcoal? How does it work and how can it help your patients?

Protocol For Life Balance® is introducing a new activated charcoal supplement for detoxification and digestive support.*

Imagine the surface area of a basketball court. It doesn't seem possible that it could fit inside of a typical capsule, does it?

NOT IMPOSSIBLE! Our new activated charcoal supplement has a surface area equivalent to nearly 6,000 square feet (a typical basketball court is 4,700 sq. ft.)!

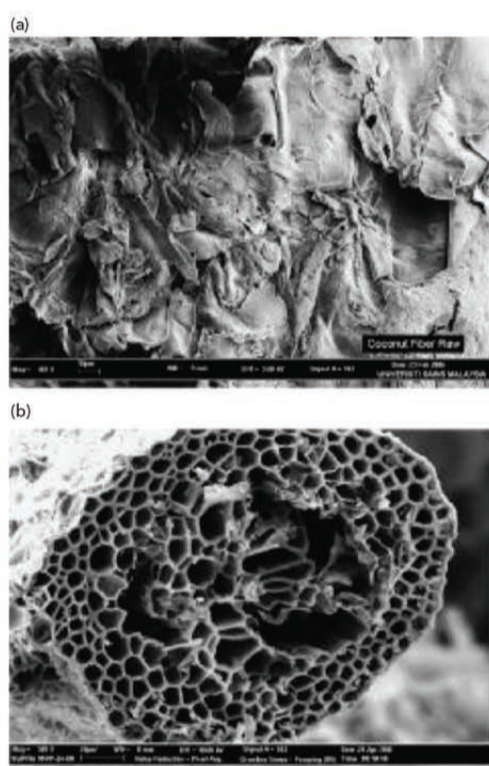
ABSORPTION

Our activated charcoal is made only from non-GMO coconut shells. Charcoal is activated by pyrolysis at temperatures of up to 1,100° C and this activation process does not use any chemicals or solvents. The process of reheating charcoal to a high temperature allows it to increase its degree of microporosity and available surface area. This process creates numerous tiny holes called pores. These pores are able to "trap" the liquids and gases that enter them like a sponge traps water.

This results in a highly porous charcoal and the tiny holes within it give the activated charcoal a surface area of 1,000 m²/g, which allows liquids and gases to pass into the activated charcoal and interact with the exposed carbon.¹

Figure (a): Scanning electron microscopy of raw coconut shell (x500).

Figure (b): Scanning electron microscopy of activated charcoal from coconut shell (x500). Adapted from publication.²



These unique physical properties translate into clinical results when activated charcoal is ingested as a supplement.*¹

References:

1. EFSA Panel on Dietetic Products N, Allergies. EFSA Journal. 2011;9(4):2049.
2. Tan I, Ahmad A, Hameed B. Journal of hazardous materials. 2008;154(1-3):337-346.

ACTIVATED CHARCOAL

- 560 MG/SERVING
- DETOX SUPPORT*
- ALLEVIATES GAS & BLOATING*
- MADE FROM COCONUT SHELLS
- VEGETARIAN/VEGAN
- NON-GMO PROJECT VERIFIED



Supplement Facts	
Serving Size 2 Veg Capsules	
Servings Per Container 100	
Amount Per Serving	
Activated Charcoal Powder	560 mg*
* Daily Value not established.	

Other ingredients: Microcrystalline Cellulose, Hypromellose (cellulose capsule) and Stearic Acid (vegetable source).
Contains tree nut (coconut).
Activated charcoal powder derived from coconut shells.

Not manufactured with yeast, wheat, gluten, soy, corn, milk, egg, fish or shellfish ingredients. Produced in a GMP facility that processes other ingredients containing these allergens.

Natural color variation may occur in this product.

Store in a cool, dry place after opening.



ITEM NUMBER: P2915
SIZE: 100 VEG CAPS