

# Nano-sized Bagasse Fiber

A new composition of nano-sized bagasse fibers has been made by a method reduces the sugarcane bagasse fibers to nano-sized particles while retaining the natural components of the bagasse.

Advantages:

- 1) The resulting bagasse particles were shown to be effective as a nutritional supplement that aids in glucose control and body weight (in a mouse model).
- 2) The addition of 5 to 10 percent of the bagasse nanofibers to food products did not change the color or texture of those products.
- 3) The bagasse powder has a natural color and it absorbs color evenly so that it can be used as a natural foundation material for cosmetic products.



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