









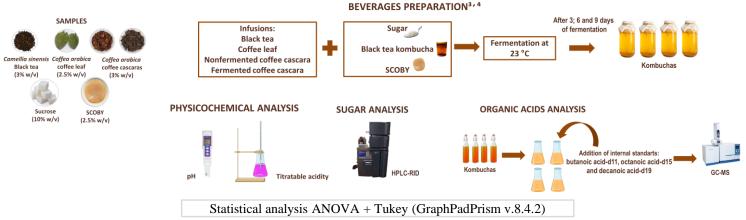
MAJOR ORGANIC ACIDS AND SUGARS IN KOMBUCHAS MADE WITH BLACK TEA, COFFEE CASCARA AND LEAVES

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Introduction

Kombucha is traditionally produced through the fermentation of Camellia sinensis teas and sugar in a symbiotic association of bacteria and yeasts (SCOBY)1. Organic acids in kombucha are mainly produced by acetic acid bacteria, contributing to its taste¹. Coffee harvesting and pruning generate cascara and leaves, respectively, as byproducts². The aim of this study was to identify the main organic acids produced by kombucha fermentation of black tea, coffee cascara and coffee leaf.

Material/Methods

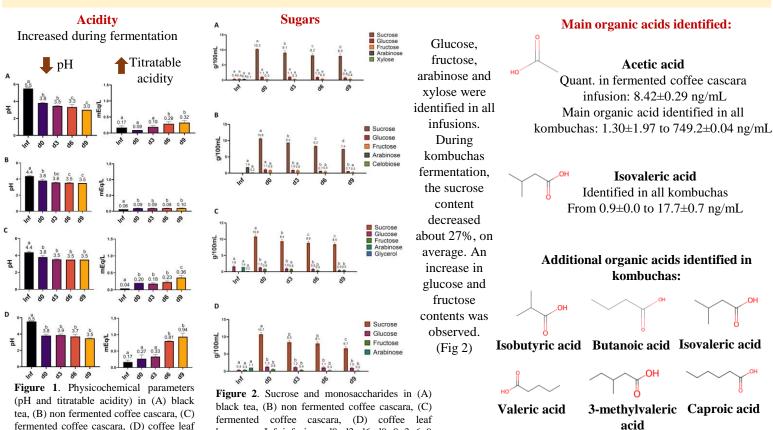


Results/Discussion

fermented coffee cascara, (D) coffee leaf

beverages. Inf: infusion; d0, d3, d6, d9:

0, 3, 6, 9 days of kombucha fermentation;



Conclusion/Perspectives: This study shows for the first time, the formation of other acids in addition to acetic acid, in kombuchas made with coffee byproducts. The contribution of this acids to health should be investigated.

beverages. Inf: infusion; d0, d3, d6, d9: 0, 3, 6, 9

days of kombucha fermentation;