SENSORY EVALUATION OF DOCE DE LEITE ENRICHED WITH EGGPLANT, BANANA AND PASSION FRUIT FIBERS


The growing relationship between diet and health, has driven the food industry to innovate and generate new products whose functions are beyond the nutritional role. The research for functional foods and bioactive compounds are increasing. The fibers, beyond the functional foods, that support the functioning of the intestine, they reduce the risk of cardiovascular disease, contributing to blood glucose control and aid in the process of weight loss. The aim of this research was to made doce de leite enriched with eggplant, banana and passion fruit fibers. Three formulations were made: 5% eggplant fiber, 5% banana fiber and 5% passion fruit fiber. After was conducted sensory tests of acceptability for color, odor, taste, texture and overall quality using a hedonic scale of 9 points, and the extreme value 1, given the term hedonic "dislike extremely" and 9 value, given the term "like extremely". Also there was the intention of buying. The tests were applied in the laboratory with 30 judges. The acceptance test results were evaluated by ANOVA and Tukey test at 5% level of significance. No significant difference was detected between treatments in all attributes and purchase intent. All formulations had over 70% of acceptability. Thus, it appears that doce de leite enriched with eggplant, banana and passion fruit fibers can be marketed, as well as being a healthy product has a good consumer acceptability.