Abstrak:

One of the most documented used of probiotics was for the treatment of diarrhea, especially that which was caused by antibiotics. Researchers in Baltimore found that infants receiving formula supplemented with probiotics showed significant decrease in the incidence of diarrhea. The decrease in occurrence and duration of diarrhea was well-established benefit probiotics. Dairy foods fermented by probiotics are prebiotics. Popular prebiotics used in food products are fructooligosaccharides (FOS) and inulin. In this experiments, prebiotics was isolated from Allium cepa (red onion). The effect of the isolate to grow the probiotics is characterized by the total colony of the Lactobaccilus casei on the Plumbia Agar and by the adsorbance of the Triptose Phosphate Broth, were analized by One Way Anova and then significant differences were subsequently examined by HSD. These results expressed that the isolate increased the growth of Lactobaccilus casei on the two of the media.

Keyword:

Allium cepa, Prebiotics, Probiotics, Inulin, FOS