



### ABSTRACT

The mice (*Mus musculus*) were treated with different dosages of Chlorella™ based on above suggested dose. The livers were extracted, weighed, and sectioned for histopathologic study. The slides were then viewed under a microscope to determine the differences in hepatocyte shape, cytoplasmic and nuclear color size, count, and sinusoidal width. There was a significant difference between the liver weight of treated and untreated *Mus musculus*. Cytoplasmic and nuclear stains of the hepatocytes treated with Chlorella™ were relatively darker compared to the control group. Hypertrophy and hyperplasia were observed on the liver samples which were treated with Chlorella™. The results show that inducing Chlorella™ has significant effects on the liver of *Mus musculus*.

Key words: Chlorella, *Mus musculus*, hepatocyte, hypertrophy, hyperplasia.