

## CHAPTER V

### CONCLUSION AND RECOMMENDATION

In this investigation, three types of samples : concentrate syrups, carbonated beverages, and dilute soft drinks were detected and the contents of saccharin were determined. In detection procedure, 48 from 78 samples (61.5%); 4 from 17 samples (23.5%); and 21 from 56 samples (37.5%) of each type respectively, gave positive test which were further determined for the quantities of saccharin. The concentrate syrups contained from 0.016 to 0.053 per cent of saccharin, the mean value was 0.039 per cent. The carbonated beverages contained between 0.005 to 0.008 per cent of saccharin, the mean value was 0.007 per cent. The dilute soft drinks were found to contain saccharin ranging from 0.003 to 0.011 per cent, the mean value was 0.007 per cent.

Because of non-nutritive value of saccharin and it may cause toxic effect to the consumers, it should be notified if saccharin were added in the beverages or other food products so that the consumers can decide by themselves to buy the products sweetened with sucrose or saccharin.