

CHAPTER 7

CLOSURE

7.1 Conclusion

1. The *Acalypha indica linn* root extract is proven to have saponin and flavonoid which causes the ovicidal activity by preventing the hatching of *Aedes aegypti* egg.
2. The *Acalypha indica linn* root extract is proven to have ovicidal effect by preventing the hatching of *Aedes aegypti* eggs since the extract concentration of 2.0%.
3. The highest Ovicidal Activity of *Acalypha indica linn* root extract can be seen at concentration of 2.0% based on the graph of percentage of ovicidal activity.

7.2 Recommendations

1. Further study should be done to know the possible side effects of *Acalypha indica linn* root extract to humans and the surroundings when used at high concentration.
2. Further study about the quantitative test should be conducted to determine exact concentration of the active ingredient saponin and flavonoid contained in the *Acalypha indica linn* root extract.