

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1 Conclusion

Based on the results of the research it can be concluded that:

- a. The extraction method used affects the yield of the yield produced. Maceration method yields is 40%, while infusion method is 51%.
- b. The different extraction methods used affect the total amount of flavonoids produced. The results showed the average total flavonoid levels in the maceration extraction method was 1,07725% greater than the infusion extraction method of 0,41815%. Statistical test results show The Sig value (2-tailed) is 0,007 ( $p < 0,05$ ), which means that there is a significant difference between the total flavonoid levels of maceration and infusion extraction methods.

#### 5.2 Suggestion

Research should be conducted with other methods or by adding other methods and various types of solvents in the extract.