

V. CONCLUSION AND SUGGESTION

5.1 CONCLUSION

Based on the results of the research that has been done, it can be concluded:

1. Four endophytic fungi isolate were obtained from *R. apiculata* leaves and four endophytic fungi isolate from *S. caseolaris*. TAMSC-4 isolate showed the highest ability to inhibit the growth of *E. coli* and TAMSC-1 show the larges inhibit zone to *C. albicans*.
2. Partial characteristics of endophitic fungi isolated from *R. apiculata* and *S. Caseolaris* leaves it obtained 2 isolate from Ascomycota group and 6 isolate from Deuteromycota group

5.2 SUGGESTION

It is suggested that more research be done to improve the extraction of secondary metabolites from fungal isolates that produce antibiotics and to identify fungal isolates utilizing 18srRNA.