

V. CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions

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

1. Found 12 isolates from 16 isolates that have positive cellulolytic ability with a variety of clear zone sizes, where there are 8 isolates that produce clear zones quite clearly (SBS 1, SBS 2, SBS 6, SBS 7, UBS 4, UBS 5, UBS 6, UBS 7) and 4 isolates produce very small clear zones (SBS 3, SBS 4, UBS 2, UBS 3).
2. Characteristics of bacterial isolates obtained were 2 gram-positive coccus isolates with positive catalase test, 3 gram-negative coccus isolates with positive glucose test and 3 gram-negative bacil isolates with negative fructose test.

5.2 Suggestion

Future studies are recommended to optimize the isolates that have cellulolytic potential and to identify molecular bacteria.

