

V. CONCLUSIONS AND SUGGESTIONS

A. Conclusion

Based on the results and discussion, the following conclusions can be drawn:

1. Salinity affects the cell density of *Dunaliella* sp., and higher or lower salinity decreases the cell density of *Dunaliella* sp.
2. The culture media with various salinity concentrations resulted in differences in biomass and protein content produced by *Dunaliella* sp., salinity with high cell density produces high biomass, and low salinity produces high protein content.
3. The most effective salinity to increase the growth with a high cell density of *Dunaliella* sp. is 15 ppt, and to increase protein content is 0 ppt.

B. Suggestion

This study suggests obtaining the growth of *Dunaliella* sp. with high cell density, cultured at 15 ppt, and high protein content with 0 ppt.

