

## CHAPTER V

## CONCLUSION AND SUGGESTION

**5.1 Conclusion**

Based on the result of research that obtained from the result of data analysis, it could be stated some conclusion as follows:

1. The responden's perception of bilingual chemistry textbook shown that textbook code B (75% )were better than code A (50%), Code D (50%) and Code C (35%).
2. The Standard innovated learning module that developed by researcher got the positive response from the chemistry lecturers, teachers and students with point that given is 3.44.
3. The innovative learning module on teaching of salt hydrolysis based on curriculum 2013 could meet student's competence by looking at the result of data analysis obtained, where the high group in experiment class ( $86 \pm 5.63$ ) is higher than in control class ( $79.16 \pm 4.75$ ). for low group in experiment class ( $80 \pm 4.73$ ) is also higher than in control class ( $74.5 \pm 5.31$ ).
4. The result hypothesis test about the effectivity of innovative learning module shown that in high group  $t_{\text{count}} > t_{\text{table}}$ ,  $9.72 > 1.31$  and in low group  $t_{\text{count}} > t_{\text{table}}$ ,  $8.0 > 1.31$ . it could be concluded that the innovative learning module on teaching of salt hydrolysis based on curriculum 2013 is effective to improve student's achievement in high and low group. The innovative learning module on teaching of salt hydrolysis based on curriculum 2013 can meet the requirement on student's competence in curriculum 2013 by looking at the result of hypothesis test where in high group  $t_{\text{count}} > t_{\text{table}}$ ,  $5.1 > 1.31$  and in low group  $t_{\text{count}} > t_{\text{table}}$ ,  $4.235 > 1.31$
5. The percentage average of student's acvievement in experiment class (high group 45.93% and low group 67.125%) is higher than in control class (high group 34.74% and low group 53.7%). Then from the result of

percentage of effectivity where in experiment class (high group 99.4219% and low group 97.5155%) is higher than in control class (high group 92.8454% and low group 92.216%). So it could be conclude that the innovative learning module on teaching of salt hydrolysis based on curriculum 2013 is more effective to improve student's achievement than chemistry textbook.

## 5.2 Suggestion

Based on the conclusion above, there are some suggestions that have to be stated in order to make the teaching and learning process in chemistry become more effective to improve student's achievement as follows:

1. It is suggested that the chemistry teacher should give the standard and good innovative chemistry learning module based on curriculum 2013 generally as main learning media to student especially learning module on teaching of salt hydrolysis to improve student's achievement.
2. It is suggested to next researcher could improve the better innovative learning module based on curriculum 2013 with adding the teachig method that suitable to chemistry topic and interested experiment by using animation or video but still use the standard and good innovative learning module as main learning media.
3. It is suggested to school holder for developing and providing the standard and good innovative learning module to be used in teaching and learning process especially fo chemistry subject because it is effective to improve student's achievement.