

**LIST OF TABLE**

Table 3.1	Population of Research	37
Table 3.2	Sample of Resesarch	38
Table 3.3	Design of Research	39
Table 3.4	Categorized of Content Validity	45
Table 4.1	Description of CTL in Hydrocarbon	52
Table 4.2	Summary of Analysis of Instrument Test	55
Table 4.3	Student's Character (communicative)	56
Table 4.4	Result of Experiment Class	57
Table 4.5	Result of Control Class	57
Table 4.6	Result Data of Gain	58
Table 4.7	Normality Data of Student's Character.	59
Table 4.8	Normality Test of Student's Character	59
Table 4.9	Homogeneity Test of Student's Character	60
Table 4.10	Homogeneity Test of Student's Achievement	60
Table 4.11	Hypothesis Test of Student's Achievement	61
Table 4.12	Hypothesis Test of Student's Character	62