

## LIST OF CONTENT

Legalization Letter	<i>i</i>
Biography	<i>ii</i>
Acknowledgment	<i>iii</i>
Abstract	<i>iv</i>
List of Content	<i>vi</i>
List of Figure	<i>ix</i>
List of Table	<i>x</i>
List of Appendix	<i>xii</i>
<b>CHAPTER I</b>	<b>1</b>
1.1 Research Background	1
1.2 Problem Identification	4
1.3 Research Scope	4
1.4 Problem Formulation	5
1.5 Research Objective	5
1.6 Research Benefit	6
<b>CHAPTER II LITERATURE REVIEW</b>	<b>7</b>
2.1 Background Research	7
2.2 Chemistry Subject in Curriculum 2013	9
2.2.1 Curriculum 2013	9
2.2.2 Characteristic of Curriculum 2013	10
2.2.3 The Advantage of Curriculum 2013	14
2.2.4 The Different between KTSP and Curriculum 2013	15
2.3 Chemistry Module as a Teaching Media	15
2.3.1 Element of Learning Module	16
2.3.2 Learning Process and Learning Method in Chemistry	18
2.4 The Development of Learning Material	19
2.4.1 Learning Achievement	20

2.5 Electrolyte and Non Electrolyte solutions	20
2.5.1 Development Electrolyte and Non Electrolyte solutions	20
2.5.2 Arrhenius Theory	22
2.5.3 The Type of Solution Based on Electrical Conductivity	22
2.5.3.1 Strong Electrolyte solution	22
2.5.3.2 Weak Electrolyte Solution	23
2.5.4 Chemical Bonding in Electrolyte Solution	24
2.5.4.1 Ionic Compound	24
2.5.4.2 Covalent compound	24
2.5.5 Non Electrolyte Solution	25
2.5.6 Electrolyte and Non Electrolyte solutions in Daily life	25
2.6 Conceptual Framework	25
2.7 Research Hypothesis	26
<b>CHAPTER III RESEARCH METODOLOGY</b>	<b>27</b>
3.1 Research Overview	27
3.2 Location and Time of Research	29
3.3 Population and Sample	29
3.4 Research variable and research instrument	29
3.5 Research Design	30
3.6 Research Procedure	31
3.7 Data Analysis Technique	36
3.7.1 Descriptive Analysis	36
3.7.2 Inferential Analysis	37
3.7.2.1 The Normality Test	37
3.7.2.2 Homogeneity Test	37
3.7.2.3 The Hypothesis Test	37
3.7.2.4 The Percentage of Effectivity	38
<b>CHAPTER IV RESULT AND DISCUSSION</b>	<b>39</b>
4.1 The Development Innovated Chemistry Learning Module	39

4.1.1 Survey of Chemistry High School Text Book	39
4.1.2 Descriptive analysis Of Senior High School Chemistry Text Book	41
4.1.3 Development Innovated Chemistry Learning Module	44
4.1.4 Standardization of Innovative chemistry Learning Module	48
4.2 Student's Achievement Before Teaching Treatment	50
4.3 Student's Achievement After Teaching Treatment	51
4.4 Inferential Analysis	52
4.4.1 Normality Evaluation Test	52
4.4.2 Homogeneity test	53
4.5 Hypothesis Testing	53
4.5.1 The First Hypothesis Test	54
4.5.2 The Second Hypothesis Test	54
4.5.3 The Third Hypothesis Test	55
4.5.4 The Fourth Hypothesis Test	56
4.5.5 The Fifth Hypothesis Test	56
4.6 The Effectivity Percentage of Chemistry Learning Module	57
4.8 Discussion	58
<b>CHAPTER V CONCLUSION AND SUGGESTION</b>	<b>59</b>
5.1 Conclusion	59
5.2 Suggestion	60
<b>REFERENCES</b>	<b>61</b>