

## LIST OF CONTENTS

	Page
Abstract	i
Acknowledgement	ii
List of Contents	iv
List of Tables	v
List of Figures	viii
List of Appendices	ix
<b>CHAPTER I INTRODUCTION</b>	<b>1</b>
1.1. The Background of Study	1
1.2. The Identification of Study	3
1.3. The Scope of Study	4
1.4. The Formulation of the Study	5
1.5. The Objectives of the Study	5
1.6. The Significance of the Study	6
<b>CHAPTER II REVIEW OF LITERATURE</b>	<b>7</b>
2.1. Textbooks in Learning-Teaching Process	7
2.2. Criteria of Standard Chemistry Textbook	11
2.3. Description of KTSP and International Curriculum	16
2.4. Chemistry based on KTSP and International Curriculum	18
2.5. The Development of Textbook	22
2.6. Chemistry Material on Class XI Semester II	23
2.7. The Framework Thinking	24
<b>CHAPTER III METHODOGY OF RESEARCH</b>	<b>26</b>
3.1. General Description of Study	26
3.2. Location and Time of Research	27
3.3. Population and Sample	27
3.4. The Procedure of Research	28
3.5. Technique for Collecting the Data	31
3.6. Technique of Data Analysis	32
3.7. Technique of Collecting and Data Analysis	32
<b>CHAPTER IV RESULT OF RESEARCH</b>	<b>37</b>
4.1 The Analysis of Chemistry Textbooks	37
4.2. The Development of Chemistry Textbook	61
4.3. The Standardization of Chemistry Textbook	63
4.4. The Effectiveness of Standard Chemistry Textbook	70
<b>CHAPTER V CONCLUSION AND SUGESTION</b>	<b>77</b>
5.1. Conclusion	77
5.2. Suggestion	78
<b>REFERENCES</b>	<b>80</b>

## LIST OF TABLES

		Page
Table 2.1.	Competence standard, basic competence and chemistry topics of Senior High School for Year XI based on KTSP	20
Table 2.2.	Chemistry materials based on Cambridge International Examination (CIE) 2008 as Curriculum Adaptation in RSBI Class and KTSP Contents Standard	21
Table 3.1	The description of population and sample in Senior High School for each school in RSBI class for four different districts/cities in North Sumatra	28
Table 3.2.	Contents standard analysis of senior high school chemistry textbook for Year XI Semester II from each publisher	33
Table 3.3.	Suggested senior high school chemistry textbooks material for Year XI Semester II	33
Table 3.4.	The senior high school chemistry textbooks for Year XI Semester II assessment based on the local contents and regional potential in North Sumatra.	34
Table 3.5.	Validation criteria for average score analysis	34
Table 4.1	The contents feasibility of <i>Book A</i>	39
Table 4.2	The contents feasibility of <i>Book B</i>	41
Table 4.3.	The contents feasibility of <i>Book C</i>	43
Table 4.4.	Result analysis of contents feasibility of three (3) different chemistry textbooks for Year XI Semester II by using the assesment instrument of BSNP requirements	44
Table 4.5.	The language feasibility of <i>Book A</i>	47

	<b>Page</b>
Table 4.6.	The language feasibility of <i>Book B</i> 49
Table 4.7.	The language feasibility of <i>Book C</i> 51
Table 4.8	Result analysis of language feasibility of three (3) different chemistry textbooks for Year XI Semester II by using the assesment instrument of BSNP requirements 52
Table 4.9	The presentation feasibility of <i>Book A</i> 55
Table 4.10	The presentation feasibility of <i>Book B</i> 57
Table 4.11	The presentation feasibility of <i>Book C</i> 59
Table 4.12	Result analysis of presentation feasibility of three (3) different chemistry textbooks for Year XI Semester II by using the assesment instrument of BSNP requirements 60
Table 4.13	Description of chemistry teacher's responses for Year XI Semester II to proposed learning order that arranged by the researcher 62
Table 4.14	Description of each component for contents feasibility of standard chemistry textbook for Year XI Semester II based on the chemistry teacher's reponses and average score for each component of contents feasibility 64
Table 4.15	Description of each component for language feasibility of standard chemistry textbook for Year XI Semester II based on the chemistry teacher's reponses and average score for each component of language feasibility 67
Table 4.16	Description of each component for presentation feasibility of standard chemistry textbook for Year XI Semester II based on the chemistry teacher's reponses and average score for each component of presentation feasibility 69
Table 4.17	Description of student' score average (X) and standard deviation (SD), for each group on both experimental and control class of research location 71

	<p>Table 4.18 Description of homogeneity of data for both HA and LA group by using the <i>Kolmogorov-Smirnov Test</i> on <i>SPSS v. 11 Program</i> and the value of significant level (<math>\alpha = 0.05</math>)</p>	<p>73</p>
	<p>Table 4.19 Description of normality of data for both HA and LA group by using the <i>Kolmogorov-Smirnov Test</i> on <i>SPSS v. 11 Program</i> and the value of significant level (<math>\alpha = 0.05</math>)</p>	<p>73</p>
	<p>Table 4.20 Description of student' achievement on pre-test and post-test for each group on both experimental and control class of research location and %effectiveness of students' improvement</p>	<p>74</p>
		
		
		
		

## LIST OF FIGURES

	Page
Figure 3.1. Analyze and Standardization research design started from the analyze of textbooks, standardize textbooks, produce and effectiveness of the Chemistry Textbook for Year XI Semester II	30
Figure 4.1. Result analysis of contents feasibility for 3 (three) different publishers of chemistry textbooks for Year XI Semester II in RSBI Class of North Sumatra based on BSNP requirements	45
Figure 4.2. Result analysis of language feasibility for 3 (three) different publishers of chemistry textbooks for Year XI Semester II in RSBI Class of North Sumatra based on BSNP requirements	53
Figure 4.3. Result analysis of presentation feasibility for 3 (three) different publishers of chemistry textbooks for Year XI Semester II in RSBI Class of North Sumatra based on BSNP requirements	61

## LIST OF APPENDIX

	Page
Appendix 1 Evaluation standard of learning textbook	83
Appendix 2 Description of evaluation points on chemistry learning textbooks for senior high school	84
Appendix 3 Instrument for contents feasibility	91
Appendix 4 Instrument for language feasibility	93
Appendix 5 Instrument for presentation feasibility	94
Appendix 6 Lesson plan (experimental and control class)	96
Appendix 7 Research instrument	112
Appendix 8 Key answer	116
Appendix 9 Students' achievement for each school	117
Appendix 10 The standardization of chemistry textbook based on contents feasibility	129
Appendix 11 The standardization of chemistry textbook based on language feasibility	132
Appendix 12 The standardization of chemistry textbook based on presentation feasibility	135
Appendix 13 Proposed learning materials	138
Appendix 14 Homogeneity and normality of data	139
Appendix 15 Homogeneity Test	145