CHARACTERIZATION OF BIODIESEL PRODUCTION FROM MORINGA OLEIFERA

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CHARACTERIZATION OF BIODIESEL PRODUCTION FROM *MORINGA OLEIFERA*

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Thesis submitted in partial fulfilment of the requirements for the award of the degree of Bachelor of Chemical Engineering (GAS TECHNOLOGY)

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SUPERVISOR’S DECLARATION

We hereby declare that we have checked this thesis and in our opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor of Chemical Engineering (Gas Technology).

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STUDENT’S DECLARATION

I hereby declare that the work in this thesis is my own except for quotations and summaries which have been duly acknowledged. The thesis has not been accepted for any degree and is not concurrently submitted for award of other degree.

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Dedication

I dedicate this thesis for my family for support me with affection and love and their dedicated partnership for success in my life
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TABLE OF CONTENTS

SUPERVISOR’S DECLARATION .................................................................................. IV
STUDENT’S DECLARATION ................................................................................ V
Dedication ............................................................................................................. VI
ACKNOWLEDGEMENT ....................................................................................... VII
TABLE OF CONTENTS ..................................................................................... IX
LIST OF FIGURES .............................................................................................. X
LIST OF TABLES ................................................................................................ XI
LIST OF ABBREVIATIONS ................................................................................ XII

1  INTRODUCTION .............................................................................................. 1
   1.1 Motivation and statement of problem .......................................................... 1
   1.2 Objectives ................................................................................................... 2
   1.3 Scope of this research ................................................................................. 3
   1.4 Main contribution of this work .................................................................. 3

2  LITERATURE REVIEW ................................................................................... 4
   2.1 Introduction ................................................................................................ 4
   2.2 Moringa oleifera: Characteristics of the plant .......................................... 4
   2.3 Nutritive value of Moringa oil ................................................................. 5
   2.4 Oil extraction ............................................................................................. 8
   2.5 Transesterification process ...................................................................... 8

3  MATERIALS AND METHODS ....................................................................... 11
   3.1 Introduction ............................................................................................... 11
   3.2 Materials .................................................................................................... 11
   3.3 Method ....................................................................................................... 11
      3.3.1 Oil extraction from Moringa oleifera seeds ........................................ 11
      3.3.2 Transesterification reaction using KOH .......................................... 13
      3.3.3 Washing process ............................................................................... 15
      3.3.5 Gas Chromatography test ............................................................... 16
      3.3.6 Characteristics and properties of biodiesel ...................................... 16

4  Result and Discussion ..................................................................................... 18
   4.1 Introduction ............................................................................................... 18
   4.2 Result ......................................................................................................... 18
      4.2.1 Physical and chemical properties of MOMEs .................................. 18
   4.3 Discussion .................................................................................................. 19
      4.3.1 Kinematic viscosity ......................................................................... 19
      4.3.2 Cloud point and pour point ............................................................ 19
      4.3.3 Cetane number ................................................................................. 20
      4.3.4 Density .............................................................................................. 20
      4.3.5 Acid value ......................................................................................... 21

5  Conclusion ..................................................................................................... 22
   5.1 Conclusion ................................................................................................ 22
   5.2 Future work .............................................................................................. 23

REFERENCES ................................................................................................. 24
LIST OF FIGURES

Figure 1: *Moringa oleifera* tree ................................................................. 4
Figure 2: *Moringa oleifera* seeds ................................................................. 7
Figure 3: Transesterification process .............................................................. 9
Figure 4: Soxhlet extractor ............................................................................ 12
Figure 5: Rotary evaporator ........................................................................... 12
Figure 6: Extracted pure oil .......................................................................... 13
Figure 7: Before washing process ................................................................... 15
Figure 8: After washing process ..................................................................... 15
LIST OF TABLES

Table 1: Physical characterization of pods and seeds.................................................. 6
Table 2: Comparison between alkali and acid catalysed transesterification ............... 10
Table 3: Experimental design for the transesterification of Moringa oleifera oil......... 14
Table 4: Standard ASTM D6751 and EN 14214.......................................................... 16
Table 5: Properties of MOMEs with comparison to biodiesel standards. ................. 18
LIST OF ABBREVIATIONS

ASTM  American Society for Testing and Material
EN    European standard
KOH   Potassium hydroxide
MOMEs Moringa oleifera methyl esters
MOSO  Moringa oleifera seed oil
GC/MS Gas Chromatography-mass spectrometry