

## LIST OF TABLES

<b>Table</b>		<b>Page</b>
1	Typical fatty acid composition of common oils	10
2	Fatty acid composition of vegetable oils	11
3	Equilibrium geometrical parameters of the 1 <sup>st</sup> triolein molecule in the ground state	66
4	Equilibrium geometrical parameters of the 2 <sup>nd</sup> triolein molecule in the ground state	67
 <b>Appendix Table</b>		
B1	Summary of total energy and the relative energy of triolein molecules	145
B2	The total energy of input files and output files of all reaction in transesterification mechanisms	146
B3	The relative energy of input files and output files of all reaction in transesterification mechanisms	147