CHAPTER 6

OVERALL CONCLUSION AND RECOMMENDATION

6.1 Overall Conclusion

*Baccaurea motleyana hook f.*, or rambai as it is locally known, contains two AHAs, DL-malic and L(+) -tartaric acids, in its fruit. The extraction of the fruits is simple and easy. The optimum of 20wt/wt% of the extract could be incorporated in the formulae to produce stable products. *In vitro* testing confirmed that the products with AHAs had skin exfoliating properties. Therefore, this fruit extract has a potential to replace imported AHA extracts.

6.2 Suggestion For Future Work

6.2.1 *Baccaurea motleyana hook f.* Fruit’s Extract

Skin exfoliation depends on the total acidity of the extract – the higher the total acidity, the less the extract needed in the formulation. Therefore, a study to produce a concentrated extract with high total acidity should be undertaken. The extract can be from the fruit skin or unripened fruit.

6.2.2 Improvement of the Formulated Product

Most of the formulated products were moderately accepted by the assessors. A further study should be done to raise the level of acceptance.