

CHAPTER VI

CONCLUSION

From the research work untitled "Pharmacognostic specification of *Cyclea barbata* roots", the following conclusion could be drawn;

1. As *Cyclea barbata* roots are used as folkloric medicine in Thailand, the results of this investigation clearly indicated that the macroscopic and microscopic characters of roots, one- and two-dimensional thin layer chromatographic patterns can be effectively used together as an important tools in authentication of crude drugs sold in the market.
2. Loss on drying, moisture content, total ash and extractive values were used as quality assurance of this specificular drug.
3. *Cyclea barbata* roots obtained from various sources of Thailand contained (+)-tetrandrine ranging from 0.33-1.21 % (w/w) bsae on dry weight.