

APPENDIX

CHEMICAL PREPARATION¹¹²

1. Basic lead acetate solution

Lead monoxide (14.0 g) was dissolved in water (10.0 mL). After an accurate addition of 10.0 mL of water, it was added with lead acetate solution (22.0 g of lead acetate in 70 mL of water). The mixing solution was shaken for 5 minutes. After standing at room temperature for 1 week, the solution was filtered and the obtained filtrate was adjusted to 100 mL with cooling boiled water.

2. Kedde reagent (Spray reagent)

- (a) 2% methanolic solution of 3,5-dinitrobenzoic acid
- (b) 5.7% methanolic potassium hydroxide solution

TLC detection: Spray with reagent (a) and then with excess (b).

CURRICULUM VITAE

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Education background:

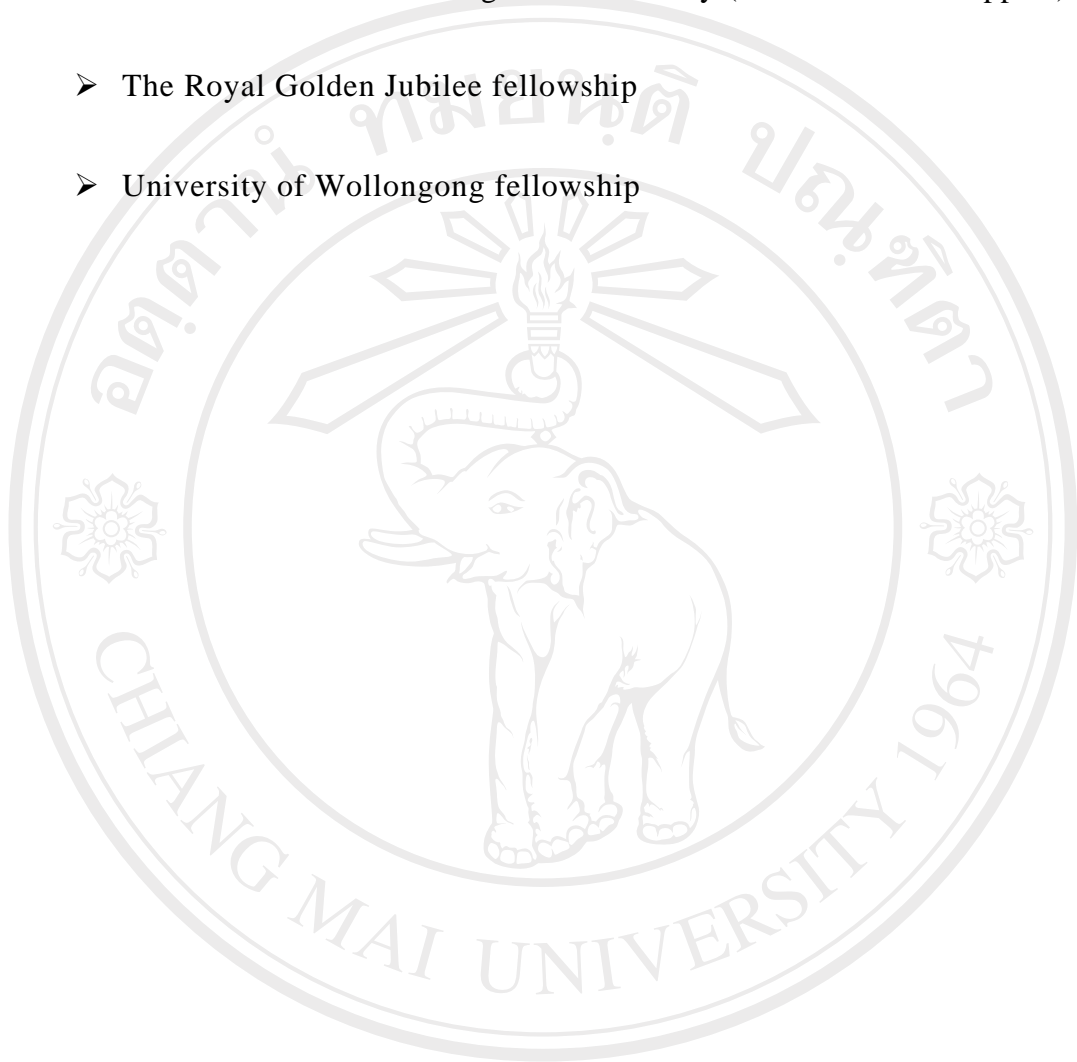
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- B.Sc. Chemistry, Chiang Mai University, 1997
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Practical Experiences:

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- The Royal Golden Jubilee fellowship
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