



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASETSART UNIVERSITY**

Master of Science (Aquaculture)

**DEGREE**

Aquaculture

**FIELD**

Aquaculture

**DEPARTMENT**

**TITLE:** Using Golden Apple Snail (*Pomacea caniculata*) Meal and Betaine in  
Lowland Frog (*Rana rugulosa*) Feed

**NAME:** Mr. Bounsong Vongvichith

**THIS THESIS HAS BEEN ACCEPTED BY**

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