EFFECTS OF LOW MOLECULAR WEIGHT DUCK BLOOD PROTEIN HYDROLYSATE AS A FEED ADDITIVE ON THE INTESTINAL MICROBIOME, ANTIOXIDANT ACTIVITY, AND HUMORAL IMMUNE RESPONSES IN FLOWERHORN FISH

PIMPISUT MANASSILA

A Thesis Submitted in Partial Fulfillment of the Requirements for the

Degree of Master of Science Program in Biotechnology for Aquaculture

Suranaree University of Technology

Academic Year 2024