

**PREVALENCE OF SALMONELLA IN BREEDER SOWS  
IN CHIANG MAI, THAILAND**

**RUTTAYAPORN NGASAMAN**

**MASTER OF VETERINARY PUBLIC HEALTH**

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**CHIANG MAI UNIVERSITY AND FREIE UNIVERSITÄT BERLIN**

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**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY AND  
FREIE UNIVERSITÄT BERLIN IN PARTIAL FULFILMENT  
OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF VETERINARY PUBLIC HEALTH**

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**THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF VETERINARY PUBLIC HEALTH**

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19 September 2007

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