



UNIVERSITY OF SOUTH AFRICA

SCHOOL OF AGRICULTURE and Life Sciences

DEPARTMENT OF LIFE AND CONSUMER SCIENCES

COLLEGE OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

PREVALENCE, ANTIMICROBIAL PROFILES, MOLECULAR
SEROTYPING AND TOXIGENICITY OF *Listeria monocytogenes*
ISOLATED FROM FOOD IN GABORONE, BOTSWANA

By:

ISAAC C. MOROBE

Submitted in fulfillment of the requirements for the degree of MASTERS
OF SCIENCE in Microbiology (LIFE SCIENCES) at the UNIVERSITY OF
SOUTH AFRICA

SUPERVISOR: PROF C.L. OBI
Co – SUPERVISORS: MR M.A. NYILA
DR M.I. MATSHEKA
PROF. B.A. GASHE

February, 2009