

WOAH Reference Laboratory Reports Activities 2025

This report has been submitted: 30 janvier 2026 11:33

LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Salmonellosis
*Address of laboratory:	Central Veterinary Laboratory, 24 Goethe Street, P-Bag 13187, Windhoek, Namibia
*Tel:	+26461237684
*E-mail address:	Renatus.Shilangale@mawlr.gov.na; Juliet.Kabajani@mawlr.gov.na
Website:	N/A
*Name (including Title) of Head of Laboratory (Responsible Official):	Dr. Juliet Ndubu Kabajani, Deputy Chief Veterinary Officer
*Name (including Title and Position) of WOA Reference Expert:	Dr. Renatus Peter Shilangale, Head: Food Hygiene Section
*Which of the following defines your laboratory? Check all that apply:	Governmental

TOR1: DIAGNOSTIC METHODS

1. Did your laboratory perform diagnostic tests for the specified disease/topic for purposes such as disease diagnosis, screening of animals for export, surveillance, etc.? (Not for quality control, proficiency testing or staff training)

Yes

Diagnostic Test	Indicated in WOA Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
Direct diagnostic tests			
Screening (PCR)	Yes	7260	10
Isolation and confirmation	Yes	278	10
Serotyping	Yes	0	10
Antimicrobial Susceptibility Test	Yes	0	10

TOR2: REFERENCE MATERIAL

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOA?

No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOA Members?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOA Members?

TOR3: NEW PROCEDURES

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

No

7. Did your laboratory validate diagnostic methods according to WOAH Standards for the designated pathogen or disease?

No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

9. Did your laboratory validate vaccines according to WOAH Standards for the designated pathogen or disease?

TOR4: DIAGNOSTIC TESTING FACILITIES

10. Did your laboratory carry out diagnostic testing for other WOAH Members?

Yes

Name of WOAH Member Country seeking assistance	Date	Which diagnostic test used	No. samples received for provision of diagnostic support	No. samples received for provision of confirmatory diagnoses
ZAMBIA	2025-12-15	Salmonella confirmation	10	10

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAH Member?

Yes

Name of the WOAH Member Country receiving a technical consultancy	Purpose	How the advice was provided
LESOTHO	Assistance to design food sampling plan for microbiological testing including Salmonella.	E-mail, Telephone and WhatsApp communication.

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOAH Members other than the own?

Yes

Title of the study	Duration	Purpose of the study	Partners (Institutions)	WOAH Member Countries involved other than your country
Baseline study on <i>Listeria monocytogenes</i> , <i>Salmonella</i> spp. and <i>Klebsiella pneumoniae</i> prevalence and AMR in RTE meat products and environmental samples in Botswana, Namibia and Zambia.	2 years	Baseline study on RTE foods	Central Veterinary Research Institute (CVRI) of Zambia, Botswana National Veterinary Laboratory (BNVL) of Botswana, and Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise (IZSAM) of Italy.	BOTSWANA ITALY ZAMBIA

13. In exercising your activities, have you identified any regulatory research needs* relevant for WOAH?

No

TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

Yes

If the answer is yes, please provide details of the data collected:

The laboratory conducts national level collection of data on *Salmonella* strains isolated from veterinary sector samples, including food, feed, environmental and animal matrices. These data are utilized for epidemiological surveillance and contribute to disease monitoring systems at both national and international levels.

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

No

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:

0

b) International conferences:

0

c) National conferences:

1

AMR in ready-to-eat meat products and environmental samples in Namibia. One Health: National AMR stakeholders Meeting, Avani Hotel, Windhoek, 17 - 19 April 2024.
https://drive.google.com/drive/folders/1XVoCVIPWdcBXWZ0_0m8CRr8_OrVWHDmZ

d) Other (Provide website address or link to appropriate information):

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAHA Members?

Yes

a) Technical visit : 0

b) Seminars : 1

c) Hands-on training courses: 0

d) Internships (>1 month) 0

Type of technical training provided (a, b, c or d)	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
B	ZAMBIA	14
B	ESWATINI	1
B	LESOTHO	1
B	TANZANIA	3

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO/IEC 17025	CVL NAMIBIA ACCREDITATION CERTIFICATE	CVL ACCREDITATION SCHEDULE 2024.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
BAX Salmonella spp. Detection	Southern African Development Community Accreditation Services (SADCAS)
Salmonella Isolation	Southern African Development Community Accreditation Services (SADCAS)

20. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?

Yes

The laboratory maintain a biorisk management system for Salmonella. All work is conducted under Biosafety level 2 (BSL -2) conditions following documented risk assessments and SOPs. Personnel are trained in biosafety and biosecurity with controlled access to pathogens handling area to avoid transfer of Salmonella strains outside the laboratory. Biological waste is properly decontaminated and system is maintained for compliance according to the SOPs.

TOR9: SCIENTIFIC MEETINGS

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOA?H?

No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOA?H?

No

TOR10: NETWORK WITH WOA?H REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOA?H Reference Laboratories designated for the same pathogen or disease?

Yes

24. Are you a member of a network of WOA?H Reference Laboratories designated for the same pathogen?

No

25. Did you organise or participate in inter-laboratory proficiency tests with WOA?H Reference Laboratories designated for the same pathogen during the past 2 years?

No

N/A

26. Did your laboratory collaborate with other WOA?H Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?

No

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOA?H Reference Laboratories for the same pathogen during the past 2 years?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the test	WOA?H Member Countries
Quality Assurance for Salmonella Detection and Isolation	Participant	171	BAX Salmonella spp. Detection.	SOUTH AFRICA,
Quality Assurance for Salmonella Detection and Isolation	Participant	171	Salmonella isolation	SOUTH AFRICA,

TOR12: EXPERT CONSULTANTS

28. Did your laboratory place expert consultants at the disposal of WOA?H?

No

29. Additional comments regarding your report:

No

In the year under review, CVL has undertaken some of the TOR related activities, however we are committed to strengthen and Improve on data analysis and dissemination, as well as Collaboration and networking with other WOA?H member states and Reference laboratories.