

ANNEXURE A
SCHEDULE OF ACCREDITATION
MICROBIOLOGICAL ANALYSIS

Laboratory Accreditation Number: TEST-1 0020 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory</u> Namibian Standards Institution – Testing Centre Light Industrial Area Langer Heinrich Crescent ERF No. 4466, Walvis Bay Namibia</p> <p><u>Postal Address:</u> P O Box 123 Walvis Bay Namibia</p> <p><u>Tel</u> : +264 64 216 600 <u>Direct</u> : +264 64 216 47 <u>Cell</u> : +264 81 341 3866 <u>Email</u> : uusikum@nsi.com.na</p>	<p><u>Technical Signatories:</u> Ms S Shiindi (All methods) Mr D Shipena (All methods, except TM/M/33) Mr S W Shityeni (All methods, except TM/M/33) Mr A Hashoongo (All methods) Ms R Hamunyela (All methods, except TM/M/33) Ms A Haukongo (All methods, except TM/M/33) Ms J Kapalanga (All methods, except TM/M/33) Ms L Shikongo (All methods, except TM/M/33)</p> <p><u>Nominated Representative</u> : Ms M Uusiku</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 11 September 2025 <u>Expiry Date</u> : 11 December 2029</p>
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MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
<p><u>Food Products</u> Fish and Fishery Products, Meat and Meat Products, Ready-to-eat foods, Egg and Egg Products, Poultry and Poultry Products, Cereals including Seeds and Grains, Fruits and Vegetables, Fish Meal and Animal Feeds</p> <p>Fish and Fishery Products, Meat and Meat Products, Egg and Egg Products, Poultry and Poultry Products, Ready-to-eat Foods, Environmental Hygiene Swabs, Cereals including Seeds and Grains, Fruits and Vegetables, Fish Meals and Animal Feeds</p>	<p>Enumeration of Total Viable Colony Count</p> <p>Enumeration of β-glucuronidase-positive <i>Escherichia coli</i></p> <p>Detection and enumeration of Enterobacteriaceae</p> <p>Enumeration of Coliforms</p> <p>Enumeration of coagulase-positive Staphylococci including <i>Staphylococcus aureus</i></p>	<p>TM/M/01 based on ISO 4833-1</p> <p>TM/M/04 based on ISO 16649-2</p> <p>TM/M/02 based on ISO 21528-2</p> <p>TM/M/03 based on SANS 4832</p> <p>TM/M/05 based on ISO 6888-1</p>

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Food Products		
Fish and Fishery Products, Meat and Meat Products, Poultry and Poultry Products, Ready-to-eat foods, Egg and Egg Products	Detection of <i>Vibrio</i> spp. Including <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>	TM/M/06 based on ISO 21872-1
	Detection of <i>Shigella</i> spp.	TM/M/07 based on ISO 21567
Fish and Fishery Products, Meat and Meat Products, Ready-to-eat foods, Egg and Egg Products, Poultry and Poultry Products, Fruits and Vegetables, Environmental Hygiene Swabs, Cereals including Seeds and Grains, Fish Meals, Animal Feeds, Canned and Pouched Products	Detection of <i>Salmonella</i> spp.	TM/M/08 based on ISO 6579-1
	Enumeration of <i>Clostridium perfringens</i>	TM/M/09 based on ISO 15232-2
	Detection of <i>Listeria monocytogenes</i>	TM/M/10 based on ISO 11290-1
Shellfish	Enumeration of <i>Escherichia coli</i> by MPN	TM/M/11 based on ISO 16649-3
Environmental Hygiene Swabs	Enumeration of Total Viable Colony Count	TM/M/12 based on SANS 5763
	Detection of Faecal coliforms and <i>Escherichia coli</i>	TM/M/13 based on VC 8031
Potable Water (Tap water, RO ₃ Water, Borehole water, Bottled water, Retort water and Ice), Sea Water (Treated/ Untreated and Ice), Effluent water (Treated and Untreated)	Enumeration of Total Viable Colony Count	TM/M/14 based on SANS 5221
	Enumeration of Total Coliforms	TM/M/15 based on SANS 5221 using Membrane Filtration
	Enumeration of Faecal coliforms and <i>Escherichia coli</i>	TM/M/16 based on SANS 5221 using Membrane Filtration
	Enumeration of Intestinal Enterococci	TM/M/17 based on SANS 7899 using Membrane Filtration
	Detection and Enumeration of <i>Pseudomonas aeruginosa</i>	TM/M/23 based on ISO 16266
	Enumeration of <i>Clostridium perfringens</i>	TM/M/26 based on ISO 14189 using Membrane Filtration

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Potable Water (Tap water, RO ₃ Water, Borehole water, Bottled water, Retort water and Ice), Sea Water (Treated/ Untreated and Ice), Effluent water (Treated and Untreated)	Enumeration of Total Viable Count at 22°C Enumeration of Total Viable Count at 37°C	TM/M/30 adapted from Microbiology of Drinking water (2012) Part 7- Environmental Agency TM/M/31 adapted from Microbiology of Drinking water (2012) Part 7- Environmental Agency
Microbial Cultures	Identification of Bacterial & Yeast Cultures	TM/M/21 using Vitek MS
Fish and Fishery Products, Meat and Meat Products, Poultry and Poultry Products, Ready-to-eat foods, Egg and Egg Products and Environmental Hygiene Swabs	Enumeration of <i>Bacillus cereus</i>	TM/M/24 based on SANS 7932
Canned / Pouched Fish and Fishery Products, Canned / Pouched Meat and Meat Products, Canned / Pouched Poultry and Poultry Products, Canned / Pouched Fruits and Fruit Products, Canned / Pouched Vegetables and Vegetable Products	Commercial Sterility Test	TM/M/25 based on SANS 6257
Fish and Fishery Products, Meat and Meat Products, Ready-to-eat Foods, Egg and Egg Products, Fruits and Vegetables, Poultry and Poultry Products, Dairy and Dairy Products, Spices, Environmental Hygiene Swabs, Cereals including Seeds and Grains, Fish Meals and Animal Feeds	Enumeration of Yeasts and Moulds	TM/M/32 based on ISO 21527-1 & 2
Alcohol- based hand sanitizer and Disinfectants	Evaluation of antimicrobial and bactericidal efficacy in alcohol-based disinfectants	TM/M/33 based on SANS 5261

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Fish & Fishery Products, Poultry and Poultry Products, Egg and Egg Products, Ready-to-eat Food, Meat and Meat Products, Fruits and Vegetables, Environmental Hygiene Swabs, Cereals including Seeds and Grains, Canned / Pouched Products	Enumeration of <i>Vibrio parahaemolyticus</i>	TM/M/35 based on adopted methods ISO 21872-1 and Bacteriological Analytical Manual (BAM)
Fish & Fishery Products, Poultry and Poultry Products, Ready-to- Eat Food, Egg and Egg Products, Meat and Meat Products, Fruits and Vegetables, Environmental Hygiene Swabs, Dairy and Dairy Products, Cereals including seeds/grains; Fish Meals; Animal Feeds, Spices, Canned/Pouched Products	Enumeration of <i>Listeria</i> spp. Including <i>Listeria monocytogenes</i>	TM/M/36 based on SANS 11290-2
Potable Water (Tap water, RO ₃ Water, Borehole water, Bottled water, Retort water and Ice), Subsurface Water (Rivers, Dams, Seaside, Lakes, Streams, Swimming Pools, Effluent/Wastewater, Ocean), Seawater (treated and untreated including Ice, Environmental Hygiene Swabs	Sampling	SOP/M/04 based on SAN 5763, VC8031, V6V-1H4, Examination water and wastewater, American water works association

Original date of accreditation: 12 December 2019

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Pinkie J Malebe
SADCAS Technical Manager