

ANNEXURE A

SCHEDULE OF ACCREDITATION

MICROBIOLOGICAL ANALYSIS

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

<p>Permanent Address of Laboratory Namibian Standards Institution – Testing Centre New Light Industrial Area Langer Heinrich Crescent ERF No. 4466, Walvis Bay Namibia</p> <p>Postal Address: P O Box 123 Walvis Bay Namibia</p> <p>Tel : +264 64 216 600 Cell : +264 81 555 9727 Direct : +264 64 216 628 Email : Mutanimiyel@nsi.com.na Nseua@nsi.com.na</p>		<p>Technical Signatories: Ms S Shiindi (All methods) Mr D Shipena (All methods, except TM/M/25 & TM/M/33) Ms L Bougard (All methods, except TM/M/33) Mr S W Shityeni (All methods, except TM/M/22 & TM/M/33) Mr A Hashoongo (All methods, except TM/M/22 & TM/M/25) Ms R Hamunyela (All methods, except TM/M/22, TM/M/25 & TM/M/33)</p> <p>Nominated Representative : Ms I Mutanimiye</p> <p>Deputy Nominated Representative : Ms A Nseu</p> <p>Issue No : 03 Date of Issue : 15 April 2021 Expiry Date : 11 December 2024</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
<p>Food Products Fish and Fishery Products, Meat and Meat Products, Ready-to-eat foods, Egg and Egg Products, Chicken and Chicken Products</p> <p>Fish and Fishery Products, Meat and Meat Products, Egg and Egg Products, Chicken and Chicken Products, Ready-to-eat Foods, Swabs</p>	<p>Enumeration of Total Viable Colony Count Enumeration of β-glucuronidase-positive <i>Escherichia coli</i> Enumeration of coagulase-positive Staphylococci including <i>Staphylococcus aureus</i> Detection of Shigella spp. Enumeration of <i>Clostridium perfringens</i></p> <p>Detection and enumeration of Enterobacteriaceae Enumeration of Coliforms Detection of Salmonella spp.</p>	<p>TM/M/01 based on ISO 4833-1 TM/M/04 based on ISO 16649-2</p> <p>TM/M/05 based on SANS 6888-1</p> <p>TM/M/07 based on ISO 21567 TM/M/09 based on SANS 7937</p> <p>TM/M/02 based on ISO 21528-2 TM/M/03 based on SANS 4832 TM/M/08 based on ISO 6579-1</p>

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Food Products Fish and Fishery Products, Shellfish, Meat and Meat Products, Chicken and Chicken 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
Fish and Fishery Products, Meat and Meat Products, Chicken and Chicken Products, Ready-to-eat foods, Egg and Egg Products and Vegetables	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
Swabs	Enumeration of Total Viable Colony Count Detection of Faecal coliforms and <i>Escherichia coli</i>	TM/M/12 based on SANS 5763 TM/M/13 based on VC 8031
Potable Water – Tap, RO ₃ Borehole, Bottled water and Ice, Sea Water – Sea Water and Ice, Effluent water	Enumeration of Total Viable Colony Count Enumeration of Total Coliforms using Membrane Filtration Enumeration of Faecal coliforms and <i>Escherichia coli</i> using Membrane Filtration Enumeration of Intestinal Enterococci using Membrane Filtration Enumeration using Membrane Filtration of <i>Clostridium perfringens</i> Enumeration of <i>Legionella</i> spp.	TM/M/14 based on SANS 5221 TM/M/15 based on SANS 5221 TM/M/16 based on SANS 5221 TM/M/17 based on SANS 7899 TM/M/26 based on adopted Methods and SANS 7937 and SANS 5221 TM/M/22 based on ISO 11731
Potable Water – Tap, RO ₃ Borehole, Bottled water and Ice	Enumeration of Total Coliform and <i>Escherichia coli</i>	TM/M/18 based on Colilert
Potable Water – Tap, Borehole, Bottled water and Ice, Seawater	Detection and Enumeration of <i>Pseudomonas aeruginosa</i>	TM/M/23 based on ISO 16266
Potable Water – Tap, RO ₃ Borehole, Bottled water and Ice, Effluent water	Enumeration of Total Viable Colony Count at 22 °C Enumeration of Total Viable Colony 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

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Food Products Fish and Fishery Products, Meat and Meat Products, Chicken and Chicken Products, Ready-to-eat foods, Egg and Egg Products, Vegetables and Swabs	Enumeration of <i>Bacillus cereus</i>	TM/M/24 based on SANS 7932
Canned Meat, Fish and Pouches	Sterility Test	TM/M/25 based on SANS 6257
Fish and Fishery Products, Meat and Meat Products, Chicken and Chicken Products, Ready-to-eat Foods, Egg and Egg Products, Cereals, Dairy and Dairy Products and Spices	Enumeration of Yeasts and Moulds	TM/M/32 based on ISO 7954
Alcohol- based hand sanitizer and Disinfectants	Evaluation of antimicrobial and bactericidal efficacy in alcohol-based disinfectants	TM/M/33 based on SANS 5261
Potable Water (Tap, RO ₃ Borehole, Bottled water and Ice), Seawater (Seawater and ice), Effluent water, Swabs	Sampling	SOP/M/04 based on SAN 5763, VC8031, V6V-1H4, Examination water and wastewater, American water works association

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Pinkie J Malebe
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