

APPENDIX 1

SCOPE OF LABORATORY ACCREDITATION

Certificate Ref No.: **AVS046/LA/2020/CERT12**

AVS LABORATORY

Unit 34, Trade Centre, 30-32 Red Hills Road, Kingston 10

FIELD: ENVIRONMENTAL/FOOD TESTING

#	PRODUCT/ MATERIAL	TEST (<i>parameter/ characteristics</i>)	TEST METHOD	UNITS	LIMIT OF CAPABILITY
1	Environmental Swabs	Total Mesophilic Aerobic Plate Count	Practical Food Microbiology, 3rd Edition, 2003.	CFU/Swab	<1
2	Food and Food Products	Aerobic Colony Count	MFHPB-18, July 2015, Determination of Aerobic Colony Counts in Food	CFU/g (/mL)	<0.5
3	Environmental Swabs, Food and Food Products	Total Coliform Count	MFHPB-34, July 2016, Enumeration of Escherichia coli and coliforms in food products and food ingredients using 3M petrifilm	CFU/g (/mL) or CFU/Swab	<1
4	Environmental Swabs, Food and Food Products	Escherichia coli Count	MFHPB-34, July 2016, Enumeration of Escherichia coli and coliforms in food products and food ingredients using 3M petrifilm	CFU/g (/mL) or CFU/Swab	<1

APPENDIX 1

5	Environmental Swabs, Food and Food Products	Staphylococcus aureus Count	MFLP-21, July 2004, Enumeration of Staphylococcus aureus in foods and environmental samples using 3M petrifilm	CFU/g (/mL) or CFU/Swab	<1
6	Environmental Swabs, Food and Food Products	Yeast and Mould Count (Petrifilm Method)	MFHPB-32, March 2003, Enumeration of Yeast and Mould in food products and food ingredients - petrifilm	CFU/g (/mL) or CFU/Swab	<1
7	Environmental Swabs, Food and Food Products	Yeast and Mould Count (Direct Plate Method)	MFHPB-22, January 2004, Enumeration of Yeast and Mould in foods	CFU/g (/mL) or CFU/Swab	<0.5
8	Environmental Swabs, Food and Food Products	Salmonella Detection - (Rapid Kit)	Reveal 2.0 for Salmonella - License Number 960801 AOAC Research Institute Performance Tested Method	Detection/ 25g (mL) or Detection/ 325g or Detection/ Swab	1
9	Environmental Swabs, Food and Food Products	Salmonella Detection - (Traditional Method)	International Standard ISO 6579-1:2017, Microbiology of food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella	Detection/ 25g (mL) or Detection/ Swab	1

APPENDIX 1

10	Environmental Swabs, Food and Food Products	Listeria Detection - (Rapid Kit)	Reveal 2.0 for Listeria - License Number 041101 AOAC Research Institute Performance Tested Method	Detection/ 25g (mL) or Detection/ Swab	1
11	Environmental Swabs, Food and Food Products	Detection and Enumeration of Listeria monocytogenes - (Traditional method)	Bacterial Analytical Manual (BAM)- chapter 10, Detection and Enumeration of Listeria monocytogenes	Detection/ 25g (mL) or Detection/ Swab	1
12	Water	Total MPN/Coliform	Standard Method for the Examination of Water and Wastewater, 23rd Edition, 2017. (Colilert Test Kit Quantitray Enumeration or Presence/ Absence Procedure).	MPN/100mL	<1
13	Water	MPN/E. coli Count	Standard Method for the Examination of Water and Wastewater, 23rd Edition, 2017. (Colilert Test Kit Quanti-Tray Enumeration or Presence/ Absence Procedure).	MPN/100mL	<1

APPENDIX 1

14	Water	Heterotrophic Plate Count	Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017. Section 9223 p. 9-53 to 9-59	CFU/mL	<1
15	Water	Faecal Coliform Count – MPN Colilert (Multi-Well Procedure)	Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017. Section 9223 p. 9-98 to 9-103 (Colilert Test Kit Quanti-Tray Enumeration or Presence/Absence Procedure)	MPN/100mL	<1