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NO: SAMM 340

LABORATORY LOCATION/ CENTRAL OFFICE:	Makmal Keselamatan dan Kualiti Makanan Terengganu Klinik Kesihatan Bukit Tunggal Kampung Bukit Tunggal, Jalan Bukit Datu, 21200 Kuala Terengganu, Terengganu , 21200, TERENGGANU MALAYSIA
ACCREDITED SINCE :	26 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL MICROBIOLOGY

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Makmal Keselamatan dan Kualiti Makanan Terengganu Klinik Kesihatan Bukit Tunggal Kampung Bukit Tunggal, Jalan Bukit Datu, 21200 Kuala Terengganu, Terengganu , 21200, Terengganu
FIELD(S) OF TESTING :	CHEMICAL, MICROBIOLOGICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**
Beverages	Methylparaben, Ethylparaben,	In-house Method No.: MOH E03-019,
	Acesulfame K	In-house Method, Ref. No. MOH E03-009, Determination of
	Detection of Salmonella	AOAC Official Method 2014.01
	None	None
	Vitamin E	None
	Phthalate Esters	GB/T 21911-2008 (GC-MS)
	None	None
	None	None
	None	None
	None	934.01 19" Edition 2012

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
	None	Labeling, 1993 & Food Regulation
	e Antimony	Based on AOAC 999.11
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	Aerobic Plate Count	FDA-BAM Chapter 3 (Plate Count)
	None	None
	None	None
	None	None
	Alicyclobacillus spp.	Compendium of Microbiological
	None	None
	None	None
	Determination of ethanol in	JKM 02/04
	Total Sugars	JKM K0616 -" Determination of Total
	pH	AOAC 945.10
	None	None
	None	None
	None	None
	None	None
	None	None
	Protein/Total Nitrogen	In-house Method SOP-0217-1031 by
	Total Dietary Fiber	AOAC 985.29
	Sorbic Acid	based on Journal of
	None	to 1-17 (HPLC)
	Ethanol	In-house method LWI-TEC-
	None	None
	Sorbic Acid in Food by Ultra High	based on AOAC Official Method
	Performance Liquid Chromatography	983.16, Benzoic Acid and Sorbic
	Performance Liquid Chromatography	Acid in Food, AOAC International,
	Performance Liquid Chromatography	2005
	Determination of caffeine in Soft	In-house method FQL-TM-FA202
	Drink by Ultra High Performance	based on Ashoor et. Al. J. Assoc.
	Liquid Chromatography	Off. Anal. Chem. Vol.66, No.3,
	Liquid Chromatography	1983
Ceramic Ware	Lead	Method No.: MOH (based
	OES	6486-2: 2003 and EU Council
Fruits And Vegetables	Organophosphorus:	In-house Method No.: MOH F03-010,

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Diazinon	In-House Method MOH F03-001 : Multiple
	None	None
	Organophosphorus and organochlorine pesticides (Screening) (Refer to Appendix 12 for the list of compounds)	In house method, SGS-TM-FOOD-076 with reference to RSTS-FD-PT- 010
	Organophosphorus Pesticide:	In-house method, Ref. No. MOH:
	Pesticide Residues:	In-house method, Ref. No. MOH:
	Organophosphorus Pesticide	In-house method, Ref. No. MOH: F03-
	Organophosphorus :	In-House Method, Ref. No. MOH:
	4,4-DDD	In-House Method, Ref. No. MOH:
	9) Trichlorfon 10) Parathion	Chemistry, 131 (2012): page 611-616, GC/GCMS.
	4) Gamma HCH 5) Delta HCH	None
	Determination of Organochlorine	FQL-TM-PR101. In-House
	Pesticide Residues in Fruits and	Method based on Journal of
	Vegetables by GC-yECD:	Environmental Science and
	Vegetables by GC-yECD:	Health Part B (2007) Modified
	Aldrin	QuEChERS Method.
	Alpha Endosulfan	None
	Alpha HCH	None
	Beta Endosulfan	None
	Chlordane	None
	Chlorfenapyr	None
	Chlorpyrifos	None
	Chlorothalonil	None
	pp-DDD	None
	10 op-DDE	None
	11 pp-DDE	None
	12 op-DDT	None
	13 pp-DDT	None
	14 Delta HCH	None
	15 Dieldrin	None
	16 Endosulfan Sulfate	None
	17 Endrin	None
	18 Hexachloro Benzene (HCB)	None
	19 Heptachlor	None
	20 Heptachlor Endo Epoxide	None
	21 Lindane	None
	22 Methoxychlor	None
	23 Mirex	None
	24 Metolachlor	None
	25 Quintozene	None
	Determination of Synthetic	FQL-TM-PR102. In-House Method
	Pyrethroid Residues in Fruits and	based on Journal of Environmental
	Vegetables by	Science and Health Part B (2007)

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Vegetables by	Modified method.
	Beta Cyfluthrin	None
	Bifenthrin	None
	Cypermethrin	None
	Deltamethrin	None
	Fenvalerate	None
	Lambda Cyhalothrin	None
	Permethrin	None
	Determination Fungicide in Fruits	FQL-TM-PR103. In-House Method
	and Vegetables by	based on Journal of Environmental
	and Vegetables by	Science and Health Part B (2007)
	1 Trifloxystrobin	Modified QUEChERS method.
	Dithiocarbamates (expressed as	In-house Method, Ref. No. MOH
	Synthetic Pyrethroid (4 analytes)	In-house Method, Ref. No. MOH
Juice	Sulphur Dioxide	In-house Method No.: MOH E03-007,
	Lead	AOAC 999.11 and APHA 3120
	None	None
Meat	Antibacterials (Qualitative)	In-house Method No.: MOH
	Enrofloxacin (Qualitative)	In-house Method No.: MOH
	Qualitative	None
	Lead, Antimony, Tin, Calcium,	based on US FDA Elemental
	Lead, Antimony, Tin, Calcium,	based on US FDA Elemental
	ether extract in meat	None
	Ash	AOAC 920.153
	None	None
Milk And Milk Products	Enterobacter sakazakii	Method No.: MOH K03-115
	None	the detection of Salmonella spp.
	Enterobacter sakazakii	ISO/TS 22964:2006 (E)
	Vitamin A	In-House Method CLWI-TEC-M036
	None	None
	None	None
	None	None
	Ash	In-House Method LWI-TEC-F005 based
	Fat	In-House Method LWI-TEC-F003 based
	Fat (Weibull Berntrop)	8262-3 (E)
	Crude Protein	In-House Method LWI-TEC-F001 based
	None	None
	Total Solids	AOAC? 990.28
	None	(Detection)
	Oxytetracycline	None
	Enterobacter sakazakii	ISO/TS 22964:2006(E) IDF/RM 210 :
	Fat	In-house method Ref. No. MOH:

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Enterobacter sakazakii	ISO/TS 22964:2006 (E)
Prepared Food	Bacillus cereus	Method No.: MOH ISO 7932:2004 (E)
	None	Count Plate)
	None	None
	None	None
	Enumeration of Staphylococcus aureus	AOAC 2003.07
Ready To Eat Food	Total Aerobic Count	Method No.: MOH K03-201
	Salmonella	Method No.: MOH
	None	Listeria monocytogenes in Food
Soft Drink	Aspartame	In-house Method No.: MOH E03-008,
	Antimony (as Sb)	None
	None	None
	Glucose	MY/STP/382 based on GB 5009.8 -”
	Ponceau 4R	Talanta, page 1408 -” 1413, Vol. 74,

SCOPE OF TESTING : MICROBIOLOGY

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Drinking Water, Mineral	Coliform & Escherichia coli	Method No.: MOH K03-303
	Enumeration of Mesophilic	MMEF Part 4 Section 1.
	aerobes: -	Method No: MOH
Eat Food, Frozen Fish, Meat	None	MMEF Part 4 Section 1
Food	Listeria monocytogenes	Method No.: MOH K03-113(1)
	Benzoic Acid and Sorbic Acid	In-house Method No.: MOH E03-002,
	Aerobic Count	AOAC Official Method 990.12 Aerobic Count Plates In Foods
	i) E.coli Count ii) Coliform Count	AOAC Official Method 991.14 Coliform And Escherichia coli Count In Foods
	None	AOAC Official Method 2003.07
	None	Microbiology of Food and Animal
	Listeria monocytogenes	MOH
	Listeria monocytogenes and Listeria spp.	ISO 11290-1:2017 (E) Microbiology of the food chain - Horizontal method for the detection and

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Water Soluble Synthetic Food	In-House Method MOH E03-003 : The
	Total Coliform Count	AS 5013.9 (2009)
	Standard Plate Count	AS 5013.1 (2004)
	Aerobic Plate Count	FDA, Chapter 3, Jan 01
	Total E.Coli Count	AS 5013.9 (2009)
	Total Yeast & Mould Count	AS 5013.29 (2009)
	None	Application Notes, LC-MS/MS
	None	Application Notes, LC-MS/MS
	Staphylococcus aureus count (coagulase positive)	FDA Chapter 12 (Detection and Enumeration)
	Yeast Count	AOAC 997.02 (Petrifilm)
	Peroxide Value	In House Test Method, TM 006,
	None	None
	None	None
	Ash	AOAC 945.46
	Carbohydrate	In-house method TM-FD-006:
	Calories (by calculation)	In-house method TM-FD-009 based
	None	None
	Bacterial identification up to species level (Refer to Appendix A(i) & A(ii))	BD BBL Crystal Identification Gram Positive ID Kit & Gram Negative ID Kit (Enteric / Non Fermenter ID Kit) LWI
	Synthetic Colouring	In-house Method, CL/FD/017, based
	Water Activity	In-house Method, CL/FD/017 based on Decagon Paw Kit Water Activity Meter Manual
	Crustacean	n-house Method NA/FD/016 using Real-Time PCR
	Moisture	n-house Method
	Leaching procedure for:	None
	None	None
	Trace Metal Analysis	None
	Salmonella Detection	FDA BAM Chapter 5
	None	None
	Campylobacter jejuni and C. coli	In-house method Detection of
	1) Ash Content in Food Products	In House Method
	Fat (Total, Saturated &	In-house method
	Aerobic Plate Count	FDA -” BAM Chapter 3, 2001
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	None
	None	None
	None	None
	Protein	In-house Method: CA/R/007, Based on
	Total Dietary Fiber	In-house Method WI/JC-LAB/029
	Enumeration of	None
	Aerobic Plate Count	FDA BAM Chapter 3, 2001
	Staphylococcus aureus	AOAC Official Methods of Analysis
	None	None
	Antimony	In House Method TM/F-001 refer to
	None	None
	Alcohol (ethanol)	In-house Method No: JAKIM /
	Alcohol (ethanol)	In-house Method No: JAKIM /
	Salmonella spp.	AOAC OMA 2016.01 (3M-„¢ Molecular
	None	Based on Porcine Trace ® Rapid
	None	None
	None	None
	None	None
	Determination of Cholesterol in	JKM F 1208: In-house based on
	Total Acidity in Food by Titration	JKM F 0935 In-house Method based
	Determination of Melamine in	JKM F 1302 In-house Method based
	Determination of Total Arsenic in	JKM F 0509 In-house Method based
	Net Weight	JKM F 0944 In-house Method based
	Determination of Vitamin C	In-house method JKM F 1211 based
	Determination of Vitamin A	In-house method JKM F 1212 based
	Determination of Water Activity	JKM M 3082
	Yeast and Mould	JKM M 3084 -” Enumeration of Yeast
	Detection and Enumeration of	JKM B 0201
	Coliform Counts (Petrifilm)	JKM M 3053 AOAC, 21* Edition, 2019 (991.14) -”
	Detection of Cronobacter	JKM M 3083
	Extraction of Food Samples	JKM B 0105 DNA Extraction and
	Sequencing of mitochondrial	JKM B 0310 Speciation of animal
	Foreign Matter and Extraneous	JKM B 0405 Determination of
	Identification of Insects/Foreign	JKM B 0404. Determination of
	Identification of Foreign Matter in	JKM B 0402. Identification of Rodent

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of the Origin of	JKM B 0403. Determination of Origin
	None	None
	None	None
	None	None
	None	None
	None	None
	None	In-house method, WI-TEC-M001,
	None	None
	None	In-house method, WI-TEC-M014,
	None	None
	None	None
	Pesticides	None
	None	None
	None	None
	None	None
	None	AOAC 990.12,19" Edition 2012
	None	In-house method, WI-TEC-M015M,
	Fat	In-house Method SOP-0217-1008
	Total Sugar (Titration)	AOAC 968.28, Edition, 2005
	Vitamin C	In-house Method SOP-0217-1015 by
	Energy as Calories	In-house Method SOP-0217-1032
	Shigella	FDA/BAM Chapter 6, Feb 2013
	None	None
	None	None
	Tin (Sn)	In-house Method C/FOD/029
	None	None
	Ascorbic Acid (Vitamin C)	In-house Method C/FOD/003
	None	None
	None	None
	None	None
	Staphylococcus aureus -” Most Probable Number	AOAC 987.09
	Enumeration of Mesophilic Lactic Acid	ISO 15214: 1998
	None	None
	Detection & Enumeration of Coliform	AS 5013.3 - 2022
	Enumeration of Coliform	FDA-BAM Chapter 4 (I.G)
	Detection & Enumeration of Escherichia coli	AS 5013.15 -” 2006
	Enumeration of Escherichia coli	FDA-BAM Chapter 4 (I.G)
	Detection of Salmonella spp.	AS 5013.10 - 2009
	Enumeration of Yeast and Molds	FDA -” BAM Chapter: 18

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Detection of Listeria monocytogenes	In-house Method M/FOD/010 based on FDA -" BAM Chapter 10:2011
	Enumeration of Bacillus cereus	In-house Method M/FOD/011 based on FDA -" BAM Chapter 14:2012
	Enumeration of Fecal Coliform	CMME of Foods - Chapter 8.8
	Clostridium perfringens Count	ISO 7937:2004
	Tin	None
	Sugar Profile:	In-house method SGS-TM-FOOD-104
	Folic acid	In-house method SGS-TM-FOOD-106
	Metals Contaminants Arsenic, As Lead, Pb Copper, Cu	In-House Method, SGS-WI-LAB-028 based on AOAC 986.15, 975.03, 922.02, 2011.14 & 2015.01, APHA 3120B and APHA 3125B
	Total Sugars	In-house method, SGS-TM-FOOD-
	Water activity	In-house method, SGS-TM-FOOD-
	None	None
	Vitamin A	In-house method SGS-TM-FOOD-050 based on Bull. Dept. Med Sci, Vol 37, No. 1 Jan -" March 1995,
	Total Aerobic Count	AOAC 989.10: 2005 & AOAC
	Listeria monocytogenes	In-house method, SGS-TM-MICR-
	None	None
	Porcine DNA	In-house method, SGS-TM-BIOT-
	Total Plate Count	AS 1766.2.1-1991
	Listeria monocytogenes	ISO 11290-1:2017 (E) / Detection
	Salmonella spp.	ISO 6579:2017 (E) / Detection
	Bacillus cereus	ISO 7932:2004 (E) / Enumeration
	Bacillus cereus	ISO 21871:2006 (E) / Detection and
	Vibrio parahaemolyticus	ISO/TS 21872-1:2017(E) / Detection
	Escherichia coli	ISO 7251:2005 (E) / Detection and
	E. Coli 0157	ISO 16654:2001(E) / Detection
	Yeast and Mould Count	In-house method Ref. No. MOH:
	Aerobic Plate Count	In-house method based on AOAC
	Coliform	ISO 4831:2006 (E) / Detection and
	Mesophilic Lactic Acid Bacteria	ISO 15214:1998 (E) / Enumeration
	DNA Extraction	In-house Method, Ref. No. MOH
	Benzoic acid	In-house Method, Ref. No. MOH:
	Saccharin	In-house Method, Ref. No. MOH:
	Sulphur Dioxide	In-House Method, Ref. No. MOH:

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Boric acid	In- House Method, Ref. No. MOH:
	Formaldehyde	In-house Method, Ref. No. MOH:
	Egg Allergen ? Qualitative	In-house Method, Ref. No. MOH:
	Peanut Allergen ? Qualitative	In-house Method, Ref. No. MOH:
	Milk Allergen- Qualitative	In-house Method, Ref. No. MOH:
	Gliadin Allergen ? Qualitative	In-house Method, Ref. No. MOH:
	Soy Allergen- Qualitative	In-House Method Ref. No. MOH
	Crude Fibre	AOCS Ba 6-84
	None	Microbiology of food and animal
	None	feeding stuffs- Horizontal method for
	Listeria monocytogenes	the detection and enumeration of
	Listeria monocytogenes	Listeria monocytogenes- Part 1:
	Listeria monocytogenes	Detection Method
	Listeria monocytogenes	Method No: MOH
	Listeria monocytogenes	AOAC Official Method 991.14 3M-„¢
	Escherichia coli / Coliform	Petrifilm-„¢ E.coli / coliform count Plates
	Escherichia coli / Coliform	Method No: MOH K03-203
	Escherichia coli / Coliform	AOAC Official Method 990.12 3M-„¢
	Aerobic Count Plates	Petrifilm-„¢ Aerobic Count Plates
	Aerobic Count Plates	Method No: MOH
	Aerobic Count Plates	AOAC Official Method 2003.07
	Staphylococcus aureus	2003.08, 2003.11 3M-„¢ Staph Express Count Plate
	Staphylococcus aureus	Method No: MOH K03-205
	Staphylococcus aureus	AS/NZS 1766.2.9:1997 Examination
	Staphylococcus aureus	for specific organisms- Vibrio
	Vibrio parahaemolyticus	parahaemolyticus of Australian
	Vibrio parahaemolyticus	Standard
	Vibrio parahaemolyticus	Method No: MOH K03-310
	Vibrio parahaemolyticus	ISO 7932, Third Edition 2004-06-16
	Vibrio parahaemolyticus	Microbiology of food and animal
	Vibrio parahaemolyticus	feeding stuffs -” Horizontal method
	Bacillus cereus	for the enumeration of presumptive
	Bacillus cereus	Bacillus cereus -” Colony- count
	Bacillus cereus	technique at 30°C
	Bacillus cereus	Method No: MOH (1)
	Bacillus cereus	ISO/TS 22964:2006 (E)
	Enterobacter sakazakii	IDF/RM 210:2006 (E) -” Detection of Enterobacter sakazakii
	Enterobacter sakazakii	Method No: MOH K03-115
	Enterobacter sakazakii	ISO 16654:2001 (E) -” Horizontal

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	E. coli 0157	method for the detection of Escherichia coli 0157
	E. coli 0157	Method No: MOH
	Coagulase positive	ISO 6888-1:1999/Amd.1:2003 (E)
	staphylococci	Method No: MOH KO3-105 (1)
	Vibrio Species other than cholerae	other than Vibrio parahaemolyticus
	Vibrio Species other than cholerae	and Vibrio cholera
	Vibrio Species other than cholerae	Method No: MOH KO03-111 (2)
	Vibrio Species other than cholerae	ISO 10272 -” 1: 2006 (E) Horizontal
	Vibrio Species other than cholerae	Method for Detection and
	Camphylobacter spp	Enumeration of Camphylobacter spp. -” Part 1: Detection Method
	Camphylobacter spp	Method No: MOH (1)
	Camphylobacter spp	ISO 11290-2: 1998 / Amd. 1:2004 (E)
	Camphylobacter spp	Horizontal Method for Detection and
	Camphylobacter spp	Enumeration of Listeria
	Listeria monocytogenes	Monocytogenes Part 2 = Enumeration Method, Amendment 1 :
	Listeria monocytogenes	Modification of enumeration Medium
	Listeria monocytogenes	Method No: MOH (1)
	Boric Acid	E03-003 The Determination of
	Water soluble synthetic food	Water Soluble Synthetic Food
	colour (see Appendix |)	Colour in Food by Paper
	colour (see Appendix |)	Chromatography and UV/ V15
	colour (see Appendix |)	spectrophotometer
	colour (see Appendix |)	In -” House Method, Ref. No. MOH
	Total Plate Count (TPC)	FDA Food and Drug =
	Determination of Boric acid in Food	FQL-TM-FA205 In-House Method
	by UV-Vis Spectrophotometer	based International Food on
	by UV-Vis Spectrophotometer	Research Journal 17: 1107-1112
	by UV-Vis Spectrophotometer	(2010)
	Total Plate Count in Food by	AOAC Official Method 990.12
	using 3M Petrifilm Aerobic Count	None
	Plate	None
	Enumeration of Escherichia Coli	AOAC Official Method 991.14
	in Food by using 3M Petrifilm	None
	Escherichia Coli/Coliform Count	None
	Plates	None
	Enumeration of Coliform in Food	AOAC Official Method 991.14
	by using 3M Petrifilm Escherichia	None
	Coli/Coliform Count Plates	None
	Enumeration of Staphylococcus	AOAC Official Method 2003.07

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Aureus in Food by using 3M	None
	Petrifilm Staph Express Count	None
	Plates	None
	Detection of Bacillus Cereus in	Compact Dry -œNissui-• Bacillus
	Food	Cereus
	Detection of Salmonella in Food	Bacteriological Analytical Manual,
	Detection of Salmonella in Food	Chapter 5, Salmonella
	Detection of Salmonella in Food	AOAC Official Method of Analysis
	by using 3M Petrifilm Salmonella	2014.1
	Express System	None
	Salmonella spp.	ISO 6579-1:2017
	Analysis of OrganophosphorusMethod: AOAC 2007.01 Analysis of Organophosphorus	Analysis of Organophosphorus
	Total Plate Count (TPC)	FDA Food and Drug =
	Aerobic Plate Count	AOAC Official Method 990.12 Aerobic
	Bacillus cereus	ISO 7932:2004 (E) Microbiology of Food
	Yeast and Mold	AOAC Official Method 2014.05
	Enumeration of	MOH Based on AOAC
	Enumeration of Mesophilic	MOH MMEF Part 4 Section
	Campylobacter spp	MOH (1): ISO 10272-
	Gram Negative Pathogens	In-house Method, Ref. No. MOH RO3-
	Boric Acid	In-house Method, Ref. No. MOH
	Water Soluble Colours	In-house Method, Ref. No. MOH
	Moisture	In-house Method Ref. No. MOH J03-
	Ash	MOH Determination Of Ash
	1) Antimoni	MOH The Determination of
	Water Activity	In-House Method MOH J03-049:
	Soluble Solid	In-House Method MOH J03-018:
	Mercury	In-House Method MOH H03-015:
	Acrylamide	In-House Method MOH NO3-015:
Perishable Samples Ready To	Standard Plate Count	Method No.: MOH K03-401
Potable Water	None	Examination of Coliforms and
	pH Value	APHA 4500 H+
	Chloride	APHA 4110 B
	ICP (Na, Fe, Zn, Mn, Mg, Cu, Pb)	APHA 3120 B
	Turbidity	APHA 2130 B
	Sulphate	APHA 4110 B
	Oxidisability	APHA 4500 KMn0O4 B (Spectrometric Method)
	None	None
	None	None
	Zinc (2n)	None

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Heterotrophic Plate Count (Pour Plate)	APHA 9215 B (2017)
	Clostridium perfringens	ISO 14189: 2013
	Total Plate Count	In-house method LWM 3 based on
	Enumeration of Sporulate Sulfite	JKM M 2039, ISO 6461/2:1986 Water
	Bicarbonate Alkalinity as	APHA - 2320B
	Sulphate as	None
	None	None
	None	Based on Merck Chromocult
	Metal Analysis by ICP-OES	None
	None	None
	None	None
	None	None
	None	None
	Mercury (Hg)	In House Method 0556 based on
	None	None
	Chromium	None
	None	None
	None	None
	None	AS/NZS 1766.2.9 ? 1997 of Australian/New Zealand Standard?
Product And Milk Product	None	Standard Plate Count - Spread Plate
	None	of Mesophilic Aerobic (Total Plate
Water, Raw Water, Treated	None	AS 1766.2.3 -" 1992