



Recognition Schedule

Laboratory Recognition Programme

Laboratory Name: BV-AQ (Singapore) Pte Ltd
 Address: 29 Tai Seng Avenue, #06-07 Natural Cool Lifestyle Hub
 Singapore 534119

Certificate No.: LRP-2020-004/AQS
 Date of Issue: 01 April 2023
 Issue No.: 12

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
1	Milk and Dairy Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
2			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
3			Enterobacteriaceae Count	ISO 21528-2:2017 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)

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				Edition, 2015, Chapter 9.631 (Petrifilm) RAPID'Enterobacteriaceae
4			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
5			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
6			pH @ 25C	In-house Method 6476 (2018)
7			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
8			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
9		Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004 RAPID'B.cereus
10			Clostridium perfringens	ISO 7937:2004
11			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
12			Cronobacter sakazakii	ISO 22964:2017 GENE UP BioMérieux

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13			Enterobacter Sakazakii	ISO 22964:2017 GENE UP Biomerieux (PCR)	
14			Lactobacillus spp and Lactic Acid Bacteria	ISO 15214:1998, 3M Petrifilm	
15			Listeria Monocytogenes	ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017	
16			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
17			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
18			Vibrio cholerae	FDA BAM Chapter 9	
19			Drugs & Residues	Nitrofurantoin and metabolites	In-house Method 7254s, LC-MS/MS (2022)
20			Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2021)
21		Melamine		FDA LIB 4422	
22		Methyl Paraben		In-house Method 7211s, HPLC (2021)	
23		Nitrate		ISO 14673-3 / IDF189-3	
24		Nitrite		ISO 14673-3 / IDF189-3	
25		Propyl Paraben		In-house Method 7211s, HPLC (2021)	
26		Sorbic Acid		In-house Method 7211s, HPLC (2021)	
27		Food Specifications	Ash	In-house Method 4151, Gravimetric (2019)	
28			Carbohydrate	In-house Method 5022, by difference, calculation (2018)	
29			Crude fat (ether extract)	In-house Method 5137, Gravimetric - RG (2022)	

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30			Crude protein	In-house Method 6503s, Kjeldahl Block Digestion (2019)	
31			Fat %	In-house Method 5137, Gravimetric - RG (2022)	
32			Lard (eicosadienoic acid (C20:2 w6))	AOAC 991.39	
33			Milk fat	In-house Method 5137, Gravimetric - RG (2022)	
34			Moisture	In-house Method 4208, Oven Dried (2022) In-house Method 5204, Vacuum (2022)	
35			Sucrose	In-house Method 4196, GLC (2019)	
36			Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2020)
37		Arsenic		In-house Method 6323s, ICP-MS (2020)	
38		Cadmium		In-house Method 6323s, ICP-MS (2020)	
39		Chromium		In-house Method 6323s, ICP-MS (2020)	
40		Copper		In-house Method 6323s, ICP-MS (2020)	
41		Lead		In-house Method 6323s, ICP-MS (2020)	
42		Mercury		In-house Method 6323s, ICP-MS (2020)	
43		Nickel		In-house Method 6323s, ICP-MS (2020)	
44		Tin		In-house Method 6323s, ICP-MS (2020)	
45		Mycotoxins		Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
46			Aflatoxin M1	In-house Method 6737, UHPLC (2021)	
47		Fats and Oil	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the

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				Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).
48			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
49			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
50			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
51		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
52			Salmonella spp.	ISO 6579-1:2017 Solus™ Salmonella ELISA GENE UP Biomerieux (PCR)
53		Food Specifications	Cholesterol	In-house Method 6005s, GC (2017)
54			Peroxide Value	In-house Method 5180, Titration (2021)
55		Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2020)

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56			Lead	In-house Method 6323s, ICP-MS (2020)
57	Nuts and Related Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).
58			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
59			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
60			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
61		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID*Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)

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62			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)
63			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
64			Vibrio cholerae	FDA BAM Chapter 9
65		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
66			Aflatoxin M1	In-house Method 6737, UHPLC (2021)
67		Fruits and Vegetables	Microbiological Indicators	Coliform Count
68	E. coli Count			ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petri-film)
69	Faecal Coliform Count			APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)

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70		Pathogens, Parasites & Toxins	Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)	
71			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)	
72			E. coli O157:H7	SureTect™ Escherichia coli O157:H7	
73			Listeria monocytogenes	GENE UP BioMérieux ISO 11290-1:2017	
74			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
75			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
76			Vibrio cholerae	FDA BAM Chapter 9	
77			Vibrio vulnificus	RapidFinder Vibrio Multiplex	
78			Food Additives	10 sweeteners: Acesulfame K, Cyclamate, Saccharin, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame	In-house Method 7208s, LC-MS/MS (2022)
79				Benzoic Acid	In-house Method 7211s, HPLC (2021)
80				Sorbic Acid	In-house Method 7211s, HPLC (2021)
81				Sulphur Dioxide	AOAC 990.28

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82		Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2020)
83			Antimony	In-house Method 6323s, ICP-MS (2020)
84			Arsenic	In-house Method 6323s, ICP-MS (2020)
85			Cadmium	In-house Method 6323s, ICP-MS (2020)
86			Chromium	In-house Method 6323s, ICP-MS (2020)
87			Lead	In-house Method 6323s, ICP-MS (2020)
88			Mercury	In-house Method 6323s, ICP-MS (2020)
89			Nickel	In-house Method 6323s, ICP-MS (2020)
90			Tin	In-house Method 6323s, ICP-MS (2020)
91			Cocoa Products	Microbiological Indicators
92	E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)		
93	Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)		

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94		Pathogens, Parasites & Toxins	Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)	
95			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)	
96			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
97			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
98			Vibrio cholerae	FDA BAM Chapter 9	
99			Food Specifications	pH	In-house Method 6476 (2018)
100			Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)
101				Cadmium	In-house Method 6323s, ICP-MS (2020)
102				Copper	In-house Method 6323s, ICP-MS (2020)
103				Lead	In-house Method 6323s, ICP-MS (2020)
104		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)	
105		Meat and Meat Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN)

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				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).	
106			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)	
107			pH @ 25C	In-house Method 6476 (2018)	
108			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)	
109		Pathogens, Parasites & Toxins	Campylobacter spp.	Microbiological Methods for the Meat Industry (MIMM) Chapter 7.3	
110			Clostridium Perfringens	ISO 7937:2004	
111			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)	
112			E. coli O157:H7	SureTect™ Escherichia coli O157:H7	
113			Listeria Monocytogenes	ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017	

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114			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)
115			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
116			Vibrio cholerae	FDA BAM Chapter 9
117		Food Additives	Nitrate	ISO 14673-3 / IDF189-3
118			Nitrite	ISO 14673-3 / IDF189-3
119		Inorganic Contaminants	Lead	In-house Method 6323s, ICP-MS (2020)
120			Tin	In-house Method 6323s, ICP-MS (2020)
121		Fish & Seafood Products	Microbiological Indicators	Coliform Count
122	E. coli Count			ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)

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123			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)	
124			Sulphite Reducing Clostridia	ISO 15213:2003	
125			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)	
126		Pathogens, Parasites & Toxins		Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
127				Listeria Monocytogenes	ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
128				Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)
129				Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
130				Vibrio cholerae	RapidFinder Vibrio Multiplex
131				Vibrio vulnificus	RapidFinder Vibrio Multiplex
132				Drugs & Residues	Nitrofurantoin and metabolites
133		Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2021)	

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134		Inorganic Contaminants	Sorbic Acid	In-house Method 7211s, HPLC (2021)		
135			Sulphur Dioxide	AOAC 990.28		
136			Aluminium	In-house Method 6323s, ICP-MS (2020)		
137			Antimony	In-house Method 6323s, ICP-MS (2020)		
138			Arsenic	In-house Method 6323s, ICP-MS (2020)		
139			Cadmium	In-house Method 6323s, ICP-MS (2020)		
140			Chromium	In-house Method 6323s, ICP-MS (2020)		
141			Lead	In-house Method 6323s, ICP-MS (2020)		
142			Mercury	In-house Method 6323s, ICP-MS (2020)		
143			Nickel	In-house Method 6323s, ICP-MS (2020)		
144			Tin	In-house Method 6323s, ICP-MS (2020)		
145			Egg and Egg Based Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).
146					E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)

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147			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
148			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
149		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
150	Listeria Monocytogenes		ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017	
151	Salmonella Enteritidis		RapidFinder Salmonella Multiplex	
152	Salmonella spp.		ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
153	Serotyping Salmonella Enteritidis		RapidFinder Salmonella Multiplex	
154	Shigella spp.		APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
155	Vibrio cholerae		FDA BAM Chapter 9	
156	Drugs & Residues		Nitrofurantoin and metabolites	In-house Method 7254s, LC-MS/MS (2022)
157	Inorganic Contaminants		Arsenic	In-house Method 6323s, ICP-MS (2020)

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158			Cadmium	In-house Method 6323s, ICP-MS (2020)
159			Chromium	In-house Method 6323s, ICP-MS (2020)
160			Copper	In-house Method 6323s, ICP-MS (2020)
161			Lead (Preserved Eggs)	In-house Method 6323s, ICP-MS (2020)
162			Mercury	In-house Method 6323s, ICP-MS (2020)
163			Nickel	In-house Method 6323s, ICP-MS (2020)
164			Sweeteners	Microbiological Indicators
165	E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)		
166	Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)		
167	Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)		

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168			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
169			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
170		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
171			Salmonella spp.	ISO 6579-1:2017 Solus™ Salmonella ELISA GENE UP Biomerieux (PCR)
172		Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)
173			Cadmium	In-house Method 6323s, ICP-MS (2020)
174			Copper	In-house Method 6323s, ICP-MS (2020)
175			Lead	In-house Method 6323s, ICP-MS (2020)
176			Mercury	In-house Method 6323s, ICP-MS (2020)
177		Flour, Improvers and Related Products	Microbiological Indicators	Coliform Count

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178			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
179			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
180			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
181		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID*Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
182		Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2021)
183			Sorbic Acid	In-house Method 7211s, HPLC (2021)
184		Food Specifications	Moisture	In-house Method 4208, Oven Dried (2022) In-house Method 5204, Vacuum (2022)
185			pH	In-house Method 6476 (2018)
186		Inorganic Contaminants	Antimony	In-house Method 6323s, ICP-MS (2020)
187			Arsenic	In-house Method 6323s, ICP-MS (2020)
188	Cadmium		In-house Method 6323s, ICP-MS (2020)	

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
189			Copper	In-house Method 6323s, ICP-MS (2020)
190			Lead	In-house Method 6323s, ICP-MS (2020)
191			Mercury	In-house Method 6323s, ICP-MS (2020)
192			Tin	In-house Method 6323s, ICP-MS (2020)
193			Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)
194	Grain Based Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petri-film).
195			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petri-film)
196			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
197			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petri-film)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
198		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
199			Salmonella spp.	ISO 6579-1:2017 Solus™ Salmonella ELISA GENE UP Biomerieux (PCR)
200			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
201			Vibrio cholerae	FDA BAM Chapter 9
202		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
203			Aflatoxin M1	In-house Method 6737, UHPLC (2021)
204		Confectionery and Bakery Products	Microbiological Indicators	Coliform Count
205	E. coli Count			ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the

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				Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
206			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
207			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
208			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
209			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
210		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
211	Salmonella spp.		ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
212	Shigella spp.		APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
213	Vibrio cholerae		FDA BAM Chapter 9	

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
214		Food Additives	10 sweeteners: Acesulfame K, Cyclamate, Saccharin, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame	In-house Method 7208s, LC-MS/MS (2022)
215			Benzoic Acid	In-house Method 7211s, HPLC (2021)
216			Sorbic Acid	In-house Method 7211s, HPLC (2021)
217			Sulphur Dioxide	AOAC 990.28
218		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
219			Aflatoxin M1	In-house Method 6737, UHPLC (2021)
220	Sauces, Seasonings, Soup, Spices and Related Products	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petri-film).
221			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petri-film)
222			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
223			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
224			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
225			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
226		Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004 RAPID'B.cereus
227			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
228			Listeria Monocytogenes	ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
229			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)
230			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
231			Vibrio cholerae	FDA BAM Chapter 9

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232		Food Additives	10 sweeteners: Acesulfame K, Cyclamate, Saccharin, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame	In-house Method 7208s, LC-MS/MS (2022)
233			Benzoic Acid	In-house Method 7211s, HPLC (2021)
234			Methyl Paraben	In-house Method 7211s, HPLC (2021)
235			Propyl Paraben	In-house Method 7211s, HPLC (2021)
236			Sorbic Acid	In-house Method 7211s, HPLC (2021)
237			Sulphur Dioxide	AOAC 990.28
238			Food Specifications	Moisture
239	Nitrogen Content/ Total Nitrogen by Kjeldahl	In-house Method 6503s, Kjeldahl Block Digestion (2019)		
240	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)	
241		Cadmium	In-house Method 6323s, ICP-MS (2020)	
242		Copper	In-house Method 6323s, ICP-MS (2020)	
243		Lead	In-house Method 6323s, ICP-MS (2020)	
244		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
245	Food Supplements	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).

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246			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
247			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
248			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
249		Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004 RAPID'B.cereus
250	Coagulase Positive Staphylococcus aureus Count		ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)	
251	Salmonella spp.		ISO 6579-1:2017 Solus™ Salmonella ELISA GENE UP Biomerieux (PCR)	
252	Shigella spp.		APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
253	Vibrio cholerae		FDA BAM Chapter 9	

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
254		Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2021)
255			Sorbic Acid	In-house Method 7211s, HPLC (2021)
256		Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)
257			Copper	In-house Method 6323s, ICP-MS (2020)
258			Lead	In-house Method 6323s, ICP-MS (2020)
259		Bottled Water		Coliform Count
260	E. coli Count			APHA Standard Methods for Water and Wastewater, 23rd Edition, 2017, 9222H
261	Total Colony Count/ Aerobic Plate Count @ 30/35°C			APHA Standard Methods for Water and Wastewater 23rd Edition, 2017, 9215A&B
262	Tea	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).
263			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)

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264			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
265			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
266			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)
267			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
268		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
269			Salmonella spp.	ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)
270		Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)
271			Copper	In-house Method 6323s, ICP-MS (2020)
272			Lead	In-house Method 6323s, ICP-MS (2020)
273		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
274	Beverages	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm).
275			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
276			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
277			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
278			pH @ 25C	In-house Method 6476 (2018)
279			Sulphite Reducing Clostridia	ISO 15213:2003
280			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA 5th Ed Chapter 8.82 (Petrifilm)

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281			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)
282		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2003 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
283	Listeria Monocytogenes		ISO 11290-1:2017 Solut™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017	
284	Salmonella spp.		ISO 6579-1:2017 Solut™ Salmonella ELISA GENE UP Biomerieux (PCR)	
285	Shigella spp.		APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	
286	Vibrio cholerae		FDA BAM Chapter 9	
287	Food Additives		10 sweeteners: Acesulfame K, Cyclamate, Saccharin, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame	In-house Method 7208s, LC-MS/MS (2022)
288		Benzoic Acid	In-house Method 7211s, HPLC (2021)	
289		Sorbic Acid	In-house Method 7211s, HPLC (2021)	
290		Sulphur Dioxide	AOAC 990.28	

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291		Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2020)
292			Copper	In-house Method 6323s, ICP-MS (2020)
293			Lead	In-house Method 6323s, ICP-MS (2020)
294		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
295	General Food Products	Food Additives	10 sweeteners: Acesulfame K, Cyclamate, Saccharin, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame	In-house Method 7208s, LC-MS/MS (2022)
296			Benzoic Acid	In-house Method 7211s, HPLC (2021)
297			Nitrate	ISO 14673-3 / IDF189-3
298			Nitrite	ISO 14673-3 / IDF189-3
299			Sorbic Acid	In-house Method 7211s, HPLC (2021)
300			Sulphur Dioxide	AOAC 990.28
301		Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2020)
302			Antimony	In-house Method 6323s, ICP-MS (2020)
303			Arsenic	In-house Method 6323s, ICP-MS (2020)
304			Cadmium	In-house Method 6323s, ICP-MS (2020)
305			Copper	In-house Method 6323s, ICP-MS (2020)
306			Lead	In-house Method 6323s, ICP-MS (2020)
307			Mercury	In-house Method 6323s, ICP-MS (2020)
308	Nickel		In-house Method 6323s, ICP-MS (2020)	
309	Tin	In-house Method 6323s, ICP-MS (2020)		
310		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)

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311	Animal Feed		Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
312		Organic Contaminants	Melamine	In-house Method 6323s, ICP-MS (2020)
313	RTE	Microbiological Indicators	Escherichia coli count	ISO 16649-2:2001
314			Total Colony Count / Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 FDA BAM January 2001, Chapter 3
315		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus count	RAPID'Staph
316			Escherichia coli O157:H7 (with serotype confirmation)	SureTect™ Escherichia coli O157:H7
317			Listeria monocytogenes	GENE UP BioMérieux ISO 11290-1:2017
318			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020, Solus™ Salmonella, ELISA screen/ confirmation by ISO 6579:2017/ Amd 1:2020 GENE UP BioMérieux
319			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
320			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
321			Vibrio vulnificus	RapidFinder Vibrio Multiplex
322			Food Additives	Benzoic Acid
323		Nitrate		ISO 14673-3 / IDF189-3
324		Nitrite		ISO 14673-3 / IDF189-3
325		Sorbic Acid		In-house Method 7211s, HPLC (2021)
326		Sulphur Dioxide		AOAC 990.28

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327	Infant Foods	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
328			Aflatoxin M1	In-house Method 6737, UHPLC (2021)