



# Recognition Schedule

## *Laboratory Recognition Programme*

Laboratory Name: Setsco Services Pte Ltd

Certificate No.: LRP-2020-006/SET

Address: 531 Bukit Batok Street 23, Singapore 659547

Date of Issue: 18 June 2024

Issue No.: 11

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	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
2			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
3			Enterobacteriaceae Count	ISO 21528-1:2017 ISO 21528-2:2017
4			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
5			Lactobacillus spp and Lactic Acid Bacteria	Public Health Laboratory Service Chapter 6.9
6			Mould Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004

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7			pH @ 25°C	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
8			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
9			Yeast Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
10		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM online Oct 2020, Chapter 14 ISO 7932 : 2004 / AMD 1 : 2020
11	Bacillus Enterotoxin		BCTD/F&B/IHM054/2018 Rev(5)	
12	Clostridium perfringens		FDA-BAM online Jan 2001, Chapter 16	
13	Coagulase Positive Staphylococcus aureus Count		FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021	
14	E. coli O157: H7		FDA-BAM online July 2020, Chapter 4A AOAC 2000.14, 22nd Edition (2023)	
15	Listeria monocytogenes		FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017	
16	Salmonella spp.		FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020	
17	Shigella spp.		Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37	
18	Staphylococcal Enterotoxin, A-E		TD0900 Oxoid SET-RPLA Toxin Detection Kit BCTD/FB/SOP/FM40 Rev(0)	
19	Vibrio cholerae		FDA-BAM online May 2004, Chapter 9	

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20			Cronobacter sakazakii	ISO 22964 : 2017 FDA-BAM online Apr 2012, Chapter 29	
21			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
22			Drugs & Residues	Aminoglycosides	BCTD/F&B/SOP/FC/082 Rev(0)
23		Multi-residues : Amphenicols		BCTD/FC/IHM182/2022 Rev(2)	
24		Multi-residues : Fluoroquinolones		BCTD/FC/IHM182/2022 Rev(2)	
25		Multi-residues : Macrolides		BCTD/FC/IHM182/2022 Rev(2)	
26		Multi-residues : Penicillins		BCTD/FC/IHM182/2022 Rev(2)	
27		Multi-residues : Sulfa drug		BCTD/FC/IHM182/2022 Rev(2)	
28		Multi-residues : Tetracyclines		BCTD/FC/IHM182/2022 Rev(2)	
29		Nitrofurans and metabolites		BCTD/F&B/SOP/FC/081 Rev(1)	
30		Food Additives		Benzoic Acid	BCTD/F&B/IHM079/2005
31				Melamine	BCTD/FC/IHM156/2020 Rev (1)
32			Methyl Paraben	BCTD/F&B/IHM079/2005	
33			Nitrate	BCTD/F&B/SOP/FC/019	
34			Nitrite	BCTD/F&B/SOP/FC/019	
35			Propyl Paraben	BCTD/F&B/IHM079/2005	
36			Sorbic Acid	BCTD/F&B/IHM079/2005	
37		Food Specifications	Ash	ADPI Bulletin 916 (2002)	
38			Carbohydrate	BCTD/FC/IHM068/2018 Rev(2)	
39			Crude Protein	BCTD/FC/IHM123/2013 Rev (2)	
40			Fat %	BCTD/F&B/SOP/FC061 Rev (3)	
41			Milk Fat	BCTD/F&B/SOP/FC061 Rev (3)	
42			Moisture	ADPI Bulletin 916 (2002)	
43			Sucrose	BCTD/FC/IHM158/2020 Rev(1)	

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44			Total Milk Solids	AOAC 990.20, 22nd Edition (2023)	
45			Total Solids	AOAC 935.56, 22nd Edition (2023)	
46		Inorganic Contaminants	Aluminium	BCTD/FC/IHM139/2022 Rev (5)	
47			Arsenic	BCTD/FC/IHM139/2022 Rev (5)	
48			Cadmium	BCTD/FC/IHM139/2022 Rev (5)	
49			Chromium	BCTD/FC/IHM139/2022 Rev (5)	
50			Copper	BCTD/FC/IHM139/2022 Rev (5)	
51			Lead	BCTD/FC/IHM139/2022 Rev (5)	
52			Mercury	BCTD/FC/IHM139/2022 Rev (5)	
53			Nickel	BCTD/FC/IHM139/2022 Rev (5)	
54			Tin	BCTD/FC/IHM139/2022 Rev (5)	
55			Mycotoxins	Aflatoxin M1	AOAC 2000.08, 22nd Edition (2023)
56		Pesticides & Residues	Dithiocarbamates (as total carbon disulfide)	BCTD/FC/IHM178/2022 Rev(1)	
57			Multi-Pesticide Residues (GC-MS/MS & LC-MS/MS)	BCTD/F&B/SOP/FC/079 Rev(0)	
58			Organochlorine Pesticides	BCTD/F&B/SOP/FC/079 Rev(0)	
59		Fats and Oil	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
60				E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
61				Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4

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62	Nuts and Related Products	Pathogens, Parasites & Toxins	Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013	
63			Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021	
64			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020	
65			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
66		Food Specifications	Cholesterol	AOAC 994.10, 22nd Edition (2023)	
67			Free Fatty Acid	AOCS Ca 5a-40 (2017)	
68			Iodine Value	AOCS Cd 1d-92 (2022)	
69			Melting Point	AOAC 920.157, 22nd Edition (2023)	
70			Peroxide Value	AOCS Cd 8b-90 (2017)	
71			Saponification Value	AOCS Cd 3-25 (2017)	
72		Inorganic Contaminants	Copper	BCTD/FC/IHM139/2022 Rev (5)	
73			Lead	BCTD/FC/IHM139/2022 Rev (5)	
74		Nuts and Related Products	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
75				E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
76	Faecal Coliform Count			FDA-BAM online October 2020, Chapter 4	

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77		Pathogens, Parasites & Toxins	Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
78			Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
79			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
80			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
81			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
82			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
83		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	AOAC 991.31, 22nd Edition (2023) AOAC 999.07, 22nd Edition (2023)
84		Fruits and Vegetables	Microbiological Indicators	Coliform Count
85	E. coli Count			FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
86	Enterobacteriaceae Count			ISO 21528-1:2017 ISO 21528-2:2017
87	Faecal Coliform Count			FDA-BAM online October 2020, Chapter 4
88	Total Colony Count / Aerobic Plate Count @ 30/35°C			AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013

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89		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021	
90			E. coli O157: H7	FDA-BAM online July 2020, Chapter 4A AOAC 2000.14, 22nd Edition (2023)	
91			Hepatitis A virus	BCTD/F&B/IHM173/2021 Rev(0)	
92			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017	
93			Norovirus (Genotype I & II)	BCTD/F&B/IHM173/2021 Rev(0)	
94			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020	
95			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37	
96			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9	
97			Vibrio fluvialis	FDA-BAM online May 2004, Chapter 9	
98			Vibrio parahaemolyticus Count	FDA-BAM online May 2004, Chapter 9 PHLS Chapter 6.15 (2003)	
99			Vibrio vulnificus	FDA-BAM online May 2004, Chapter 9	
100			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
101			Food Additives	Benzoic Acid	BCTD/F&B/IHM079/2005
102				Sorbic Acid	BCTD/F&B/IHM079/2005
103		Sulphur Dioxide		BCTD/FC/IHM181/2022 Rev(0)	
104		Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid)		BS EN 12856 :1999 BS EN 12857:1999	
105		Inorganic Contaminants	Aluminium	BCTD/FC/IHM139/2022 Rev (5)	

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106			Antimony	BCTD/FC/IHM139/2022 Rev (5)	
107			Arsenic	BCTD/FC/IHM139/2022 Rev (5)	
108			Cadmium	BCTD/FC/IHM139/2022 Rev (5)	
109			Chromium	BCTD/FC/IHM139/2022 Rev (5)	
110			Lead	BCTD/FC/IHM139/2022 Rev (5)	
111			Mercury	BCTD/FC/IHM139/2022 Rev (5)	
112			Nickel	BCTD/FC/IHM139/2022 Rev (5)	
113			Tin	BCTD/FC/IHM139/2022 Rev (5)	
114			Pesticides & Residues	Dithiocarbamates (as total carbon disulfide)	BCTD/FC/IHM178/2022 Rev(1)
115		Multi-Pesticide Residues (GC-MS/MS & LC-MS/MS)		BCTD/FC/IHM177/2022 Rev(1)	
116		Pesticide Residues		BCTD/FC/IHM177/2022 Rev(1)	
117		Cocoa Products	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
118				E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
119	Faecal Coliform Count			FDA-BAM online October 2020, Chapter 4	
120	Total Colony Count / Aerobic Plate Count @ 30/35°C			AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013	
121	Pathogens, Parasites & Toxins		Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021	



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122			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
123			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
124			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
125			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
126		Food Specifications	Fat %	AOAC 996.06, 22nd Edition (2023)
127			Moisture	AOAC 950.46, 22nd Edition (2023)
128			pH	AOAC 981.12, 22nd Edition (2023)
129		Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
130			Cadmium	BCTD/FC/IHM139/2022 Rev (5)
131			Copper	BCTD/FC/IHM139/2022 Rev (5)
132			Lead	BCTD/FC/IHM139/2022 Rev (5)
133		Pesticides & Residues	Dithiocarbamates (as total carbon disulfide)	BCTD/FC/IHM178/2022 Rev(1)
134			Multi-Pesticide Residues (GC-MS/MS & LC-MS/MS)	BCTD/F&B/SOP/FC/079 Rev(0)
135		Meat and Meat Products	Microbiological Indicators	Coliform Count
136	E. coli Count			FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
137	Enterobacteriaceae Count			ISO 21528-1:2017 ISO 21528-2:2017

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138			Lactobacillus spp and Lactic Acid Bacteria (for fermented meat products)	Public Health Laboratory Service Chapter 6.9
139			pH @ 25°C	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
140			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
141		Pathogens, Parasites & Toxins	Campylobacter spp./jejuni/coli	FDA BAM online March 2001, Chapter 7
142			Clostridium botulinum	FDA-BAM online Jan 2001, Chapter 17
143			Clostridium perfringens	FDA-BAM online Jan 2001, Chapter 16
144			Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
145			E. coli O157: H7	FDA-BAM online July 2020, Chapter 4A AOAC 2000.14, 22nd Edition (2023)
146			E. coli O157: H7 (with serotype confirmation)	FDA-BAM online July 2020, Chapter 4A AOAC 2000.14, 22nd Edition (2023)
147			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017
148			Salmonella serotyping (Salmonella Enteritidis, Salmonella Paratyphi A, Salmonella Paratyphi B and Salmonella Typhi)	BCTD/F&B/IHM169/2022 Rev(3)
149			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
150			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37

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151			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
152			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
153		Drugs & Residues	Aminoglycosides	BCTD/F&B/SOP/FC/082 Rev(0)
154			Multi-residues : Amphenicols	BCTD/FC/IHM182/2022 Rev(2)
155			Multi-residues : Avermectins	BCTD/FC/IHM182/2022 Rev(2)
156			Multi-residues : Benzimidazoles	BCTD/FC/IHM182/2022 Rev(2)
157			Multi-residues : Beta-agonists	BCTD/FC/IHM182/2022 Rev(2)
158			Multi-residues : Coccidiostats	BCTD/FC/IHM182/2022 Rev(2)
159			Multi-residues : Fluoroquinolones	BCTD/FC/IHM182/2022 Rev(2)
160			Multi-residues : Macrolides	BCTD/FC/IHM182/2022 Rev(2)
161			Multi-residues : Nitroimidazoles	BCTD/FC/IHM182/2022 Rev(2)
162			Multi-residues : Penicillins	BCTD/FC/IHM182/2022 Rev(2)
163			Multi-residues : Quinolones	BCTD/FC/IHM182/2022 Rev(2)
164			Multi-residues : Sulfa drug	BCTD/FC/IHM182/2022 Rev(2)
165			Multi-residues : Tetracyclines	BCTD/FC/IHM182/2022 Rev(2)
166			Nitrofurans and metabolites	BCTD/F&B/SOP/FC/081 Rev(1)
167			Food Additives	Nitrate
168		Nitrite		BCTD/F&B/SOP/FC/019
169		Inorganic Contaminants	Lead	BCTD/FC/IHM139/2022 Rev (5)
170			Tin	BCTD/FC/IHM139/2022 Rev (5)
171	Fish and Seafood Products	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)

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172			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
173			Enterobacteriaceae Count	ISO 21528-1:2017 ISO 21528-2:2017
174			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
175			pH @ 25°C	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
176			Sulphite Reducing Clostridia	ISO 15213-1 : 2023
177			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
178		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
179			Hepatitis A virus	BCTD/F&B/IHM173/2021 Rev (0)
180			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017
181			Norovirus (Genotype I & II)	BCTD/F&B/IHM173/2021 Rev(0)
182			Parasites in Fish	FDA-BAM online Nov 2012, Chapter 19
183			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
184			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
185			Streptococcus agalactiae (Group B Streptococcus, GBS) cultural testing	BCTD/F&B/IHM172/2021 Rev(0)
186			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9

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187			Vibrio fluvialis	FDA-BAM online May 2004, Chapter 9	
188			Vibrio parahaemolyticus Count	FDA-BAM online May 2004, Chapter 9 PHLS Chapter 6.15 (2003)	
189			Vibrio vulnificus	FDA-BAM online May 2004, Chapter 9	
190			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
191		Drugs & Residues	Aminoglycosides	BCTD/F&B/SOP/FC/082 Rev(0)	
192			Crystal Violet and Leuco Crystal Violet	BCTD/F&B/SOP/FC/080 Rev(0)	
193			Malachite green and Leuco-malachite green	BCTD/F&B/SOP/FC/080 Rev(0)	
194			Multi-residues : Amphenicols	BCTD/FC/IHM182/2022 Rev(2)	
195			Multi-residues : Avermectins	BCTD/FC/IHM182/2022 Rev(2)	
196			Multi-residues : Benzimidazoles	BCTD/FC/IHM182/2022 Rev(2)	
197			Multi-residues : Fluoroquinolones	BCTD/FC/IHM182/2022 Rev(2)	
198			Multi-residues : Macrolides	BCTD/FC/IHM182/2022 Rev(2)	
199			Multi-residues : Nitroimidazoles	BCTD/FC/IHM182/2022 Rev(2)	
200			Multi-residues : Penicillins	BCTD/FC/IHM182/2022 Rev(2)	
201			Multi-residues : Quinolones	BCTD/FC/IHM182/2022 Rev(2)	
202			Multi-residues : Sulfa drug	BCTD/FC/IHM182/2022 Rev(2)	
203			Multi-residues : Tetracyclines	BCTD/FC/IHM182/2022 Rev(2)	
204			Nitrofurans and metabolites	BCTD/F&B/SOP/FC/081 Rev(1)	
205			Food Additives	Benzoic Acid	BCTD/F&B/IHM079/2005
206				Sorbic Acid	BCTD/F&B/IHM079/2005
207		Food Specifications	Total Volatile Nitrogen	EC Directive 95/149/EC, Annex II	
208		Inorganic Contaminants	Aluminium	BCTD/FC/IHM139/2022 Rev (5)	
209			Antimony	BCTD/FC/IHM139/2022 Rev (5)	

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210			Arsenic	BCTD/FC/IHM139/2022 Rev (5)
211			Cadmium	BCTD/FC/IHM139/2022 Rev (5)
212			Chromium	BCTD/FC/IHM139/2022 Rev (5)
213			Lead	BCTD/FC/IHM139/2022 Rev (5)
214			Mercury	BCTD/FC/IHM139/2022 Rev (5)
215			Nickel	BCTD/FC/IHM139/2022 Rev (5)
216			Tin	BCTD/FC/IHM139/2022 Rev (5)
217			Egg and Egg Based Products	Microbiological Indicators
218	E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)		
219	Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4		
220	Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013		
221	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count		FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
222		Listeria monocytogenes		FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017
223		Salmonella Enteritidis		BCTD/F&B/IHM169/2022 Rev(3)
224		Salmonella spp.		FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
225		Serotyping Salmonella Enteritidis		BCTD/F&B/IHM169/2022 Rev(3)

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226			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37	
227			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9	
228			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
229		Drugs & Residues	Aminoglycosides	BCTD/F&B/SOP/FC/082 Rev(0)	
230			Multi-residues : Amphenicols	BCTD/FC/IHM182/2022 Rev(2)	
231			Multi-residues : Avermectins	BCTD/FC/IHM182/2022 Rev(2)	
232			Multi-residues : Benzimidazoles	BCTD/FC/IHM182/2022 Rev(2)	
233			Multi-residues : Coccidiostats	BCTD/FC/IHM182/2022 Rev(2)	
234			Multi-residues : Fluoroquinolones	BCTD/FC/IHM182/2022 Rev(2)	
235			Multi-residues : Macrolides	BCTD/FC/IHM182/2022 Rev(2)	
236			Multi-residues : Nitroimidazoles	BCTD/FC/IHM182/2022 Rev(2)	
237			Multi-residues : Penicillins	BCTD/FC/IHM182/2022 Rev(2)	
238			Multi-residues : Quinolones	BCTD/FC/IHM182/2022 Rev(2)	
239			Multi-residues : Sulfa drug	BCTD/FC/IHM182/2022 Rev(2)	
240			Multi-residues : Tetracyclines	BCTD/FC/IHM182/2022 Rev(2)	
241			Nitrofurans and metabolites	BCTD/F&B/SOP/FC/081 Rev(1)	
242			Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
243				Cadmium	BCTD/FC/IHM139/2022 Rev (5)
244		Chromium		BCTD/FC/IHM139/2022 Rev (5)	
245		Copper		BCTD/FC/IHM139/2022 Rev (5)	
246		Lead (Preserved Eggs)		BCTD/FC/IHM139/2022 Rev (5)	
247		Mercury		BCTD/FC/IHM139/2022 Rev (5)	
248		Nickel		BCTD/FC/IHM139/2022 Rev (5)	

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249	Sweeteners	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
250			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
251			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
252			Mould Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
253			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
254			Yeast Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
255		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
256			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
257			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
258		Food Additives	Sulphur Dioxide	BCTD/FC/IHM181/2022 Rev(0)
259	Food Specifications	Sucrose	BCTD/FC/IHM158/2020 Rev(1)	



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260		Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
261			Cadmium	BCTD/FC/IHM139/2022 Rev (5)
262			Copper	BCTD/FC/IHM139/2022 Rev (5)
263			Lead	BCTD/FC/IHM139/2022 Rev (5)
264			Mercury	BCTD/FC/IHM139/2022 Rev (5)
265	Flour, Improvers and Related Products	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
266			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
267			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
268			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
269		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
270			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
271		Food Additives	Benzoic Acid	BCTD/F&B/IHM079/2005
272			Sorbic Acid	BCTD/F&B/IHM079/2005
273		Food Specifications	Moisture	AOAC 950.46, 22nd Edition (2023)
274			pH	AOAC 981.12, 22nd Edition (2023)
275		Inorganic Contaminants	Antimony	BCTD/FC/IHM139/2022 Rev (5)
276			Arsenic	BCTD/FC/IHM139/2022 Rev (5)

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277			Cadmium	BCTD/FC/IHM139/2022 Rev (5)
278			Copper	BCTD/FC/IHM139/2022 Rev (5)
279			Lead	BCTD/FC/IHM139/2022 Rev (5)
280			Mercury	BCTD/FC/IHM139/2022 Rev (5)
281			Tin	BCTD/FC/IHM139/2022 Rev (5)
282			Bromate <sup>^</sup>	BCTD/F&B/SOP/FC/088 Rev (1)
283		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	AOAC 991.31, 22nd Edition (2023) AOAC 999.07, 22nd Edition (2023)
284			Deoxynivalenol	BCTD/F&B/IHM093/2008
285	Grain Based Products	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
286			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
287			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
288			pH @ 25°C	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
289			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
290		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
291			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020

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292			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
293			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
294			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
295		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	AOAC 991.31, 22nd Edition (2023) AOAC 999.07, 22nd Edition (2023)
296			Ochratoxin A	AOAC 2000.03, 22nd Edition (2023)
297			Zearalenone	BCTD/F&B/IHM083/2004 Rev(2)
298		Confectionery and Bakery Products	Microbiological Indicators	Coliform Count
299	E. coli Count			FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
300	Faecal Coliform Count			FDA-BAM online October 2020, Chapter 4
301	Mould Count			AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
302	Total Colony Count / Aerobic Plate Count @ 30/35°C			AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
303	Yeast Count			AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023)

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				FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
304		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
305	Salmonella spp.		FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020	
306	Shigella spp.		Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37	
307	Vibrio cholerae		FDA-BAM online May 2004, Chapter 9	
308	Yersinia enterocolitica		FDA-BAM online Oct 2017, Chapter 8	
309			Microbiological Indicators	Coliform Count
310	Sauces, Seasonings, Soup, Spices and Related Products	E. coli Count		FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
311		Faecal Coliform Count		FDA-BAM online October 2020, Chapter 4
312		Mould Count		AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
313		pH @ 25°C		Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68

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314			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013	
315			Yeast Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004	
316		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM online Oct 2020, Chapter 14 ISO 7932 : 2004 / AMD 1 : 2020	
317			Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021	
318			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017	
319			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020	
320			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37	
321			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9	
322			Vibrio parahaemolyticus Count	FDA-BAM online May 2004, Chapter 9 PHLS Chapter 6.15 (2003)	
323			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8	
324			Food Additives	Benzoic Acid	BCTD/F&B/IHM079/2005
325				Methyl Paraben	BCTD/F&B/IHM079/2005
326		Propyl Paraben		BCTD/F&B/IHM079/2005	
327		Sorbic Acid		BCTD/F&B/IHM079/2005	
328		Food Specifications	Moisture	AOAC 950.46, 22nd Edition (2023)	

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329		Inorganic Contaminants	Nitrogen Content/ Total Nitrogen by Kjeldahl	BCTD/FC/IHM123/2013 Rev (2)
330			Arsenic	BCTD/FC/IHM139/2022 Rev (5)
331			Cadmium	BCTD/FC/IHM139/2022 Rev (5)
332			Copper	BCTD/FC/IHM139/2022 Rev (5)
333			Lead	BCTD/FC/IHM139/2022 Rev (5)
334		Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	AOAC 991.31, 22nd Edition (2023) AOAC 999.07, 22nd Edition (2023)
335		Organic Contaminants	3-MCPD (3-MONOCHLOROPROPANE-1,2-DIOL)	AOAC 2000.01, 22nd Edition (2023)
336	Food Supplements	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
337			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023) USP41 : 2018, Chapter 62, Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms
338			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4
339			pH @ 25°C	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
340			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013

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341		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM online Oct 2020, Chapter 14 ISO 7932 : 2004 / AMD 1 : 2020
342			Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
343			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
344			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
345			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
346			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
347		Food Additives	Benzoic Acid	BCTD/F&B/IHM079/2005
348			Nitrate	BCTD/F&B/SOP/FC/019
349			Nitrite	BCTD/F&B/SOP/FC/019
350			Sorbic Acid	BCTD/F&B/IHM079/2005
351		Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
352			Copper	BCTD/FC/IHM139/2022 Rev (5)
353			Lead	BCTD/FC/IHM139/2022 Rev (5)
354	Bottled Water	Microbiological Indicators	Coliform Count	APHA 9222 B & C (MF Method)
355			E. coli Count	APHA 9222 H (MF Method)
356			Faecal Coliform Count	APHA 9221 E (MPN Method) APHA 9222 D & E (MF Method)
357			Sulphite Reducing Clostridia	BS EN 26461-2 : 1993 BS 6068-4.9 : 1993 ISO 6461/2 : 1986

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358		Pathogens, Parasites & Toxins	Total Colony Count / Aerobic Plate Count @ 22/35°C	APHA 9215 B (PP Method) APHA 9215 D (MF Method)
359			Coagulase Positive Staphylococcus aureus Count	APHA 9213 B (MF Method)
360			Enterococci Count	APHA 9230 C (MF Method) ASTM D6503-19 APHA 9230 D (IDEXX Enterolert Test Kit)
361			Pseudomonas aeruginosa Count	APHA 9213 E (MF Method)
362			Salmonella spp.	APHA 9274 B
363			Shigella spp.	APHA 9276 B
364			Vibrio cholerae	APHA 9278 B
365			Inorganic Contaminants	Anions (Chloride, Nitrate, Nitrite, Fluoride, Sulphate)
366		Bromate		USEPA 300.1 Rev 1.0
367		Cyanide		APHA 4500-CN (C) (E) (N) (O)
368		Metals (Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium)		APHA 3125B
369		Organic matter (as O2)		HACH Method 8000
370		Sulphide		APHA 4500-S2- (D) (F)



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371		Organic Contaminants	Trihalomethanes (Chloroform, bromodichloromethane, dibromochloromethane, bromoform)^	USEPA 8260D (2018)	
372	Tea	Microbiological Indicators	Coliform Count	FDA-BAM online October 2020, Chapter 4 - MPN technique AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)	
373			E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)	
374			Faecal Coliform Count	FDA-BAM online October 2020, Chapter 4	
375			Mould Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004	
376			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013	
377			Yeast Count	AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004	
378			Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
379				Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020

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380			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
381		Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
382			Copper	BCTD/FC/IHM139/2022 Rev (5)
383			Lead	BCTD/FC/IHM139/2022 Rev (5)
384	Beverages		Microbiological Indicators	Coliform Count
385		E. coli Count		FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
386		Faecal Coliform Count		FDA-BAM online October 2020, Chapter 4
387		Mould Count		AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004
388		pH @ 25°C		Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 68
389		Sulphite Reducing Clostridia		ISO 15213-1 : 2023
390		Total Colony Count / Aerobic Plate Count @ 30/35°C		AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
391		Yeast Count		AOAC 997.02, 22nd Edition (2023) AOAC 2014.05, 22nd Edition (2023) FDA-BAM online Apr 2001 Chapter 18 ISO 6611 : 2004

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392		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM online March 2016, Chapter 12 ISO 6888-1 : 2021
393			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017
394			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020
395			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
396			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
397			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
398			Food Additives	Benzoic Acid
399		Sorbic Acid		BCTD/F&B/IHM079/2005
400		Sulphur Dioxide		BCTD/FC/IHM181/2022 Rev(0)
401		Inorganic Contaminants	Arsenic	BCTD/FC/IHM139/2022 Rev (5)
402			Copper	BCTD/FC/IHM139/2022 Rev (5)
403			Lead	BCTD/FC/IHM139/2022 Rev (5)
404		General Food Products	Pathogens, Parasites & Toxins	Yersinia enterocolitica
405	Bacterial Toxins		Bacillus cereus enterotoxin	BCTD/F&B/IHM054/2018 Rev(5)
406			Staphylococcus aureus enterotoxins	TD0900 Oxoid SET-RPLA Toxin Detection Kit BCTD/FB/SOP/FM40 Rev (0)
407	Pesticides & Residues		Dithiocarbamates (as total carbon disulfide)	BCTD/FC/IHM178/2022 Rev(1)
408			Multi-Pesticide Residues (GC-MS/MS & LC-MS/MS)	BCTD/F&B/SOP/FC/079 Rev(0)

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409	Canned Food Products	Microbiological Indicators	Commercial Sterility Test (a) Incubation tests (35 °C for 10 days/ 55 °C for 5 days) (b) pH test (c) Detection of Aerobes and Anaerobes	Compendium of Method for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 61
410		Pathogens, Parasites & Toxins	Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
411	Swabs from Poultry and Farm Environment	Pathogens, Parasites & Toxins	Salmonella Enteritidis	BCTD/F&B/IHM169/2022 Rev(3)
412			Salmonella spp.	BCTD/F&B/IHM168/2022 Rev(2)
413	Animal Feed	Mycotoxins	Zearalenone	BCTD/F&B/IHM083/2004 Rev(2)
414	RTE	Microbiological Indicators	E. coli Count	FDA-BAM online October 2020 Chapter 4 AOAC 991.14, 22nd Edition (2023) AOAC 2018.13, 22nd Edition (2023)
415			Enterobacteriaceae Count	ISO 21528-1:2017 ISO 21528-2:2017
416			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12, 22nd Edition (2023) FDA-BAM online Jan 2001, Chapter 3 ISO 4833-1 : 2013
417		Pathogens, Parasites & Toxins	E. coli O157: H7 (with serotype confirmation)	FDA-BAM online July 2020, Chapter 4A AOAC 2000.14, 22nd Edition (2023)
418			Listeria monocytogenes	FDA-BAM online April 2022, Chapter 10 ISO 11290-1 : 2017
419			Norovirus (Genotype I & II)	BCTD/F&B/IHM173/2021 Rev(0)
420			Salmonella spp.	FDA-BAM online Apr 2023, Chapter 5 ISO 6579-1:2017 / AMD 1 :2020

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Certificate No.: LRP-2020-006/SET

Address: 531 Bukit Batok Street 23, Singapore 659547

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
421			Shigella spp.	Compendium of Methods for the Microbiological Examination of Foods, 5th Edition 2015, Chapter 37
422			Vibrio cholerae	FDA-BAM online May 2004, Chapter 9
423			Vibrio fluvialis	FDA-BAM online May 2004, Chapter 9
424			Vibrio vulnificus	FDA-BAM online May 2004, Chapter 9
425			Coagulase Positive Staphylococcus aureus count	FDA-BAM Online March 2016, Chapter 12 ISO 6888-1 : 2021
426			Vibrio parahaemolyticus Count	FDA-BAM online May 2004, Chapter 9 PHLS Chapter 6.15 (2003)
427			Yersinia enterocolitica	FDA-BAM online Oct 2017, Chapter 8
428			Food Additives	Benzoic Acid
429		Nitrate		BCTD/F&B/SOP/FC/019
430		Nitrite		BCTD/F&B/SOP/FC/019
431		Sorbic Acid		BCTD/F&B/IHM079/2005

^ Indicates that the test parameter is granted conditional recognition.