



Recognition Schedule

Laboratory Recognition Programme

Laboratory Name: Paclab Pte Ltd (Pacific Lab Services)

Certificate No.: LRP-2020-011/ZGS

Address: 5 Woodlands Terrace, Singapore 738430

Date of Issue: 01 April 2024

Issue No.: 05

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	AOAC 991.14 (3M Petrifilm)
2			E. coli Count	AOAC 991.14 (3M Petrifilm)
3			Enterobacteriaceae Count	AOAC 2003.01 (3M Petrifilm)
4			Lactobacillus spp. and Lactic Acid Bacteria	AOAC Performance Tested Method 041701 (3M Petrifilm)
5			Mould Count	AOAC 997.02 (3M Petrifilm)
6			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
7			Yeast Count	AOAC 997.02 (3M Petrifilm)
8		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM Chapter 14
9			Clostridium perfringens	FDA-BAM Chapter 16
10			Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
11			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
12		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
13			Melamine	Pacific Lab Method 27.9, GCMS/HPLC, 2020
14			Methyl Paraben	Pacific Lab Method 12.17, HPLC, 2017
15			Propyl Paraben	Pacific Lab Method 12.17, HPLC, 2017

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16		Food Specifications	Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
17			Ash	Pacific Lab Method 2.8, Gravimetry, 2017
18			Crude Fat (ether extract)	Pacific Lab Method 2.3, Gravimetry, 2016
19			Crude Protein	Pacific Lab Method 2.1, Gravimetry, 2017
20			Fat %	AOAC905.02 and AOAC932.06, 2016 (20 th Ed)
21			Moisture	Pacific Lab Method 2.7, Gravimetry, 2017
22			Sucrose	Pacific Lab Method 2.11c, HPLC, 2020
23		Inorganic Contaminants	Aluminium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
24			Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
25			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
26			Chromium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
27			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
28			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
29			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
30			Nickel	Pacific lab Method 4.3, ICP-OES/AAS, 2020
31			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
32	Fats and Oil	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
33			E. coli Count	AOAC 991.14 (3M Petrifilm)
34			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
35		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
36			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
37		Food Specifications	Cholesterol	Pacific Lab Method 14.2a, HPLC, 2016
38		Inorganic Contaminants	Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
39			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020

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40	Nuts and Related Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
41			E. coli Count	AOAC 991.14 (3M Petrifilm)
42			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
43		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
44			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
45	Fruits and Vegetables	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
46			E. coli Count	AOAC 991.14 (3M Petrifilm)
47			Enterobacteriaceae Count	AOAC 2003.01 (3M Petrifilm)
48			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
49		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
50			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
51	Cocoa Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
52			E. coli Count	AOAC 991.14 (3M Petrifilm)
53			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
54		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
55			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
56		Food Specifications	Fat %	Pacific Lab Method 2.4a, Gravimetry, 2016
57			Moisture	Pacific Lab Method 2.7, Gravimetry, 2017
58		Inorganic Contaminants	Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
59			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020

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60	Meat and Meat Products		Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
61			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
62		Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
63			E. coli Count	AOAC 991.14 (3M Petrifilm)
64			Enterobacteriaceae Count	AOAC 2003.01 (3M Petrifilm)
65			Lactobacillus spp and Lactic Acid Bacteria (for fermented meat products)	AOAC Performance Tested Method 041701 (3M Petrifilm)
66			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
67		Pathogens, Parasites & Toxins	Clostridium perfringens	FDA-BAM Chapter 16
68			Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
69			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
70		Inorganic Contaminants	Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
71			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
72	Fish and Seafood Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
73			E. coli Count	AOAC 991.14 (3M Petrifilm)
74			Enterobacteriaceae Count	AOAC 2003.01 (3M Petrifilm)
75			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
76		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
77			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
78		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
79			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
80		Inorganic Contaminants	Aluminium	Pacific lab Method 4.3, ICP-OES/AAS, 2020

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
81			Antimony	Pacific lab Method 4.3, ICP-OES/AAS, 2020
82			Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
83			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
84			Chromium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
85			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
86			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
87			Nickel	Pacific lab Method 4.3, ICP-OES/AAS, 2020
88			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
89	Egg and Egg Based Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
90			E. coli Count	AOAC 991.14 (3M Petrifilm)
91			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
92		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
93			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
94		Inorganic Contaminants	Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
95			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
96			Chromium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
97			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
98			Lead (Preserved Eggs)	Pacific lab Method 4.3, ICP-OES/AAS, 2020
99			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
100			Nickel	Pacific lab Method 4.3, ICP-OES/AAS, 2020
101	Sweeteners	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
102			E. coli Count	AOAC 991.14 (3M Petrifilm)
103			Mould Count	AOAC 997.02 (3M Petrifilm)

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104			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
105			Yeast Count	AOAC 997.02 (3M Petrifilm)
106		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
107			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
108		Food Specifications	Sucrose	Pacific Lab Method 2.11c, HPLC, 2020
109		Inorganic Contaminants	Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
110			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
111			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
112			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
113			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
114	Flour, Improvers and Related Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
115			E. coli Count	AOAC 991.14 (3M Petrifilm)
116			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
117		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
118		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
119			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
120		Food Specifications	Moisture	Pacific Lab Method 2.7, Gravimetry, 2017
121		Inorganic Contaminants	Antimony	Pacific lab Method 4.3, ICP-OES/AAS, 2020
122			Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
123			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
124			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
125			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020

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126	Grain Based Products	Microbiological Indicators	Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
127			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
128			Coliform Count	AOAC 991.14 (3M Petrifilm)
129			E. coli Count	AOAC 991.14 (3M Petrifilm)
130			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
131		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
132			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
133	Confectionery and Bakery Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
134			E. coli Count	AOAC 991.14 (3M Petrifilm)
135			Mould Count	AOAC 997.02 (3M Petrifilm)
136			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
137			Yeast Count	AOAC 997.02 (3M Petrifilm)
138		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
139			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
140		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
141			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
142	Sauces, Seasonings, Soup, Spices and Related Products	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
143			E. coli Count	AOAC 991.14 (3M Petrifilm)
144			Mould Count	AOAC 997.02 (3M Petrifilm)
145			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
146			Yeast Count	AOAC 997.02 (3M Petrifilm)

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147		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM Chapter 14
148			Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
149			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
150		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
151			Methyl Paraben	Pacific Lab Method 12.17, HPLC, 2017
152			Propyl Paraben	Pacific Lab Method 12.17, HPLC, 2017
153			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
154		Food Specifications	Moisture	Pacific Lab Method 2.7, Gravimetry, 2017
155		Inorganic Contaminants	Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
156			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
157			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
158			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
159	Food Supplements	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
160			E. coli Count	AOAC 991.14 (3M Petrifilm)
161			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
162		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA-BAM Chapter 14
163			Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
164			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
165		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
166			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
167	Bottled Water	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
168			E. coli Count	AOAC 991.14 (3M Petrifilm)

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169		Pathogens, Parasites & Toxins	Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
170			Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
171			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
172	Tea	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
173			E. coli Count	AOAC 991.14 (3M Petrifilm)
174			Mould Count	AOAC 997.02 (3M Petrifilm)
175			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
176			Yeast Count	AOAC 997.02 (3M Petrifilm)
177		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
178			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
179		Inorganic Contaminants	Arsenic	Pacific Lab Method 4.3, ICP-OES/AAS, 2020
180			Lead	Pacific Lab Method 4.3, ICP-OES/AAS, 2020
181	Beverages	Microbiological Indicators	Coliform Count	AOAC 991.14 (3M Petrifilm)
182			E. coli Count	AOAC 991.14 (3M Petrifilm)
183			Mould Count	AOAC 997.02 (3M Petrifilm)
184			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
185			Yeast Count	AOAC 997.02 (3M Petrifilm)
186		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA-BAM Chapter 12
187			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
188		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017

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189		Inorganic Contaminants	Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
190			Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
191			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
192			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
193	General Food Products	Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017
194			Methyl Paraben	Pacific Lab Method 12.17, HPLC, 2017
195			Propyl Paraben	Pacific Lab Method 12.17, HPLC, 2017
196			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017
197		Inorganic Contaminants	Aluminium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
198			Antimony	Pacific lab Method 4.3, ICP-OES/AAS, 2020
199			Arsenic	Pacific lab Method 4.3, ICP-OES/AAS, 2020
200			Cadmium	Pacific lab Method 4.3, ICP-OES/AAS, 2020
201			Copper	Pacific lab Method 4.3, ICP-OES/AAS, 2020
202			Lead	Pacific lab Method 4.3, ICP-OES/AAS, 2020
203			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
204			Nickel	Pacific lab Method 4.3, ICP-OES/AAS, 2020
205			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
206	Animal Feed	Organic Contaminants	Melamine	Pacific Lab Method 27.9, GCMS/HPLC, 2020
207	RTE	Microbiological Indicators	E. coli Count	AOAC 991.14 (3M Petrifilm)
208			Enterobacteriaceae Count	AOAC 2003.01 (3M Petrifilm)
209			Total Colony Count / Aerobic Plate Count @ 30/35°C	AOAC 990.12 (3M Petrifilm)
210		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus count	FDA-BAM Chapter 12
211			Salmonella spp.	AOAC 2014.01 (3M Petrifilm)
212		Food Additives	Benzoic Acid	Pacific Lab Method 12.17, HPLC, 2017

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213			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017