



# 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 <sup>th</sup> Ed)
21			Moisture	Pacific Lab Method 2.7, Gravimetry, 2017
22			Sucrose	Pacific Lab Method 2.11c, HPLC, 2020
23			Inorganic Contaminants	Aluminium
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
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
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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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
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			Mercury	Pacific lab Method 4.3, Mercury Analyzer, 2020
127			Tin	Pacific lab Method 4.3, ICP-OES/AAS, 2020
128	Grain Based Products	Microbiological Indicators	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
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
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
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
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
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

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213			Sorbic Acid	Pacific Lab Method 12.17, HPLC, 2017