



Recognition Schedule

Laboratory Recognition Programme

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

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 9.631 (Petrifilm)

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				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) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
6			pH @ 25°C	In-house Method 6476 (2023)
7			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
8			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
9	Milk and Dairy Products	Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004/AMD 1:2020 RAPID'B.cereus
10			Clostridium perfringens	ISO 7937:2004
11			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph

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				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
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 Solus™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
16			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
17			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
18			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
19	Milk and Dairy Products	Drugs & Residues	Nitrofurantoin and metabolites	In-house Method 7254s, LC-MS/MS (2022)
20	Milk and Dairy Products	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
21			Methyl Paraben	In-house Method 7211s, HPLC (2024)
22			Nitrate	ISO 14673-3 / IDF189-3:2004
23			Nitrite	ISO 14673-3 / IDF189-3:2004

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24	Milk and Dairy Products	Food Specifications	Propyl Paraben	In-house Method 7211s, HPLC (2024)
25			Sorbic Acid	In-house Method 7211s, HPLC (2024)
26			Ash	In-house Method 4151, Gravimetric (2019)
27			Carbohydrate	In-house Method 5022, by difference, calculation (2018)
28			Crude fat (ether extract)	In-house Method 5137, Gravimetric - RG (2022)
29			Crude protein	In-house Method 6503s, Kjeldahl Block Digestion (2019)
30			Fat %	In-house Method 5137, Gravimetric - RG (2022)
31			Lard (eicosadienoic acid (C20:2 w6))	AOAC 991.39
32			Milk fat	In-house Method 5137, Gravimetric - RG (2022)
33			Moisture	In-house Method 4208, Oven Dried (2022) In-house Method 5204, Vacuum (2021)
34			Sucrose	In-house Method 4196, GLC (2022)
35	Milk and Dairy Products	Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2024)
36			Arsenic	In-house Method 6323s, ICP-MS (2024)
37			Cadmium	In-house Method 6323s, ICP-MS (2024)
38			Chromium	In-house Method 6323s, ICP-MS (2024)
39			Copper	In-house Method 6323s, ICP-MS (2024)
40			Lead	In-house Method 6323s, ICP-MS (2024)
41			Mercury	In-house Method 6323s, ICP-MS (2024)
42			Nickel	In-house Method 6323s, ICP-MS (2024)
43	Milk and Dairy Products	Mycotoxins	Tin	In-house Method 6323s, ICP-MS (2024)
44			Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
45	Milk and Dairy Products		Aflatoxin M1	In-house Method 6737, UHPLC (2021)
46	Milk and Dairy Products	Organic Contaminants	Melamine	FDA LIB 4422

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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 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 Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
51	Fats and Oil	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)

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Issue No.: 14

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52			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
53	Fats and Oil	Food Specifications	Cholesterol	In-house Method 6005s, GC (2024)
54			Peroxide Value	In-house Method 5180, Titration (2021)
55	Fats and Oil	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
56			Lead	In-house Method 6323s, ICP-MS (2024)
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)

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Issue No.: 14

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				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
61	Nuts and Related Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
62			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
63			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
64			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
65	Nuts and Related Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
66			Aflatoxin M1	In-house Method 6737, UPLC (2021)
67	Fruits and Vegetables	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)
68			E. coli Count	ISO 16649-2:2001

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 Issue No.: 14

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				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)
69			Enterobacteriaceae Count	ISO 21528-2:2017 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.631 (Petrifilm) RAPID'Enterobacteriaceae
70			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
71			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
72	Fruits and Vegetables	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
73			E. coli O157:H7	SureTect™ Escherichia coli O157:H7
74			Listeria monocytogenes	GENE UP BioMérieux ISO 11290-1:2017

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				Solus™ <i>Listeria monocytogenes</i> ELISA
75			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ <i>Salmonella</i> , ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
76			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
77			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
78			Vibrio vulnificus	SureTect Vibrio Multiplex
79	Fruits and Vegetables	Food Additives	10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)	In-house Method 7208s, LC-MS/MS (2024)
80			Benzoic Acid	In-house Method 7211s, HPLC (2024)
81			Sorbic Acid	In-house Method 7211s, HPLC (2024)
82			Sulphur Dioxide	AOAC 990.28
83	Fruits and Vegetables	Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2024)
84			Antimony	In-house Method 6323s, ICP-MS (2024)
85			Arsenic	In-house Method 6323s, ICP-MS (2024)
86			Cadmium	In-house Method 6323s, ICP-MS (2024)
87			Chromium	In-house Method 6323s, ICP-MS (2024)
88			Lead	In-house Method 6323s, ICP-MS (2024)
89			Mercury	In-house Method 6323s, ICP-MS (2024)
90			Nickel	In-house Method 6323s, ICP-MS (2024)

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Issue No.: 14

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91			Tin	In-house Method 6323s, ICP-MS (2024)
92	Cocoa 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)
93			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)
94			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
95			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
96	Cocoa Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph

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				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
97			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
98			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
99			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
100	Cocoa Products	Food Specifications	pH	In-house Method 6476 (2023)
101	Cocoa Products	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
102			Cadmium	In-house Method 6323s, ICP-MS (2024)
103			Copper	In-house Method 6323s, ICP-MS (2024)
104			Lead	In-house Method 6323s, ICP-MS (2024)
105	Cocoa Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
106	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) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
107			E. coli Count	ISO 16649-2:2001

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Issue No.: 14

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				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)
108			Enterobacteriaceae Count	ISO 21528-2:2017 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.631 (Petrifilm) RAPID'Enterobacteriaceae
109			pH @ 25°C	In-house Method 6476 (2023)
110			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
111	Meat and Meat Products	Pathogens, Parasites & Toxins	Campylobacter spp.	Microbiological Methods for the Meat Industry (MIMM) Chapter 7.3
112			Clostridium Perfringens	ISO 7937:2004
113			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
114			E. coli O157:H7	SureTect™ Escherichia coli O157:H7
115			Listeria monocytogenes	ISO 11290-1:2017

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Singapore 534119

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Date of Issue: 27 March 2025
Issue No.: 14

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				Solus™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
116			Salmonella serotyping (Salmonella spp, Salmonella Enteritidis and Salmonella Typhimurium)	RapidFinder Salmonella Multiplex
117			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
118			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
119			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
120	Meat and Meat Products	Food Additives	Nitrate	ISO 14673-3 / IDF189-3:2004
121			Nitrite	ISO 14673-3 / IDF189-3:2004
122	Meat and Meat Products	Inorganic Contaminants	Lead	In-house Method 6323s, ICP-MS (2024)
123			Tin	In-house Method 6323s, ICP-MS (2024)
124	Fish & Seafood 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)
125			E. coli Count	ISO 16649-2:2001

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				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)
126			Enterobacteriaceae Count	ISO 21528-2:2017 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.631 (Petrifilm) RAPID'Enterobacteriaceae
127			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
128			Sulphite Reducing Clostridia	ISO 15213-1:2023
129			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
130	Fish & Seafood Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
131			Listeria monocytogenes	ISO 11290-1:2017 Solus™ Listeria ELISA

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Certificate No.: LRP-2020-004/AQS
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Issue No.: 14

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				GENE UP Biomerieux (PCR) ISO 11290-2:2017
132			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
133			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
134			Vibrio cholerae	SureTect Vibrio Multiplex
135			Vibrio vulnificus	SureTect Vibrio Multiplex
136	Fish & Seafood Products	Drugs & Residues	Nitrofurantoin and metabolites	In-house Method 7254s, LC-MS/MS (2022)
137	Fish & Seafood Products	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
138			Sorbic Acid	In-house Method 7211s, HPLC (2024)
139			Sulphur Dioxide	AOAC 990.28
140	Fish & Seafood Products	Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2024)
141			Antimony	In-house Method 6323s, ICP-MS (2024)
142			Arsenic	In-house Method 6323s, ICP-MS (2024)
143			Cadmium	In-house Method 6323s, ICP-MS (2024)
144			Chromium	In-house Method 6323s, ICP-MS (2024)
145			Lead	In-house Method 6323s, ICP-MS (2024)
146			Mercury	In-house Method 6323s, ICP-MS (2024)
147			Nickel	In-house Method 6323s, ICP-MS (2024)
148			Tin	In-house Method 6323s, ICP-MS (2024)
149			Coliform Count	ISO 4832:2006

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 Singapore 534119

Certificate No.: LRP-2020-004/AQS
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	Egg and Egg Based Products	Microbiological Indicators		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)
150			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)
151			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
152			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
153	Egg and Egg Based Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
154			Listeria monocytogenes	ISO 11290-1:2017

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Singapore 534119

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				Solus™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
155			Salmonella Enteritidis	RapidFinder Salmonella Multiplex
156			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
157			Serotyping Salmonella Enteritidis	RapidFinder Salmonella Multiplex
158			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
159			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
160	Egg and Egg Based Products	Drugs & Residues	Nitrofurantoin and metabolites	In-house Method 7254s, LC-MS/MS (2022)
161	Egg and Egg Based Products	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
162			Cadmium	In-house Method 6323s, ICP-MS (2024)
163			Chromium	In-house Method 6323s, ICP-MS (2024)
164			Copper	In-house Method 6323s, ICP-MS (2024)
165			Lead (Preserved Eggs)	In-house Method 6323s, ICP-MS (2024)
166			Mercury	In-house Method 6323s, ICP-MS (2024)
167			Nickel	In-house Method 6323s, ICP-MS (2024)
168	Sweeteners	Microbiological Indicators	Coliform Count	ISO 4832:2006 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.7 (MPN)

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

Certificate No.: LRP-2020-004/AQS
 Date of Issue: 27 March 2025
 Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
169			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)
170			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
171			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
172			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
173			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
174	Sweeteners	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
175			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
176	Sweeteners	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
177			Cadmium	In-house Method 6323s, ICP-MS (2024)
178			Copper	In-house Method 6323s, ICP-MS (2024)
179			Lead	In-house Method 6323s, ICP-MS (2024)
180			Mercury	In-house Method 6323s, ICP-MS (2024)
181	Flour, Improvers 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)
182			E. coli Count	ISO 16649-2:2001

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				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)
183			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
184			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
185	Flour, Improvers and Related Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
186	Flour, Improvers and Related Products	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
187			Sorbic Acid	In-house Method 7211s, HPLC (2024)
188	Flour, Improvers and Related Products	Food Specifications	Moisture	In-house Method 4208, Oven Dried (2022) In-house Method 5204, Vacuum (2021)
189			pH	In-house Method 6476 (2023)
190	Flour, Improvers and Related Products	Inorganic Contaminants	Antimony	In-house Method 6323s, ICP-MS (2024)
191			Arsenic	In-house Method 6323s, ICP-MS (2024)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
192			Bromate	Inhouse method 7326s, LC-MSMS (2023)
193			Cadmium	In-house Method 6323s, ICP-MS (2024)
194			Copper	In-house Method 6323s, ICP-MS (2024)
195			Lead	In-house Method 6323s, ICP-MS (2024)
196			Mercury	In-house Method 6323s, ICP-MS (2024)
197			Tin	In-house Method 6323s, ICP-MS (2024)
198	Flour, Improvers and Related Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
199	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 (Petrifilm)
200			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)
201			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
202			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
203	Grain Based Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID [®] Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
204			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus [™] Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
205			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
206			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
207	Grain Based Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
208			Aflatoxin M1	In-house Method 6737, UPLC (2021)
209	Confectionery and Bakery 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)

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

Certificate No.: LRP-2020-004/AQS
 Date of Issue: 27 March 2025
 Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
210			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)
211			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
212			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
213			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
214			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
215	Confectionery and Bakery Products	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
216			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
217			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
218			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
219	Confectionery and Bakery Products	Food Additives	10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)	In-house Method 7208s, LC-MS/MS (2024)
220			Benzoic Acid	In-house Method 7211s, HPLC (2024)
221			Sorbic Acid	In-house Method 7211s, HPLC (2024)
222			Sulphur Dioxide	AOAC 990.28
223	Confectionery and Bakery Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
224			Aflatoxin M1	In-house Method 6737, UPLC (2021)
225	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)

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

Certificate No.: LRP-2020-004/AQS
 Date of Issue: 27 March 2025
 Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
226			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)
227			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
228			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
229			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
230			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
231	Sauces, Seasonings, Soup, Spices and Related Products	Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004/AMD 1:2020 RAPID'B.cereus
232			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
233			Listeria monocytogenes	ISO 11290-1:2017 Solus™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
234			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
235			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
236			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
237	Sauces, Seasonings, Soup, Spices and Related Products	Food Additives	10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)	In-house Method 7208s, LC-MS/MS (2024)
238			Benzoic Acid	In-house Method 7211s, HPLC (2024)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
239			Methyl Paraben	In-house Method 7211s, HPLC (2024)
240			Propyl Paraben	In-house Method 7211s, HPLC (2024)
241			Sorbic Acid	In-house Method 7211s, HPLC (2024)
242			Sulphur Dioxide	AOAC 990.28
243	Sauces, Seasonings, Soup, Spices and Related Products	Food Specifications	Moisture	In-house Method 4208, Oven Dried (2022) In-house Method 5204, Vacuum (2021)
244			Nitrogen Content/ Total Nitrogen by Kjeldahl	In-house Method 6503s, Kjeldahl Block Digestion (2019)
245	Sauces, Seasonings, Soup, Spices and Related Products	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
246			Cadmium	In-house Method 6323s, ICP-MS (2024)
247			Copper	In-house Method 6323s, ICP-MS (2024)
248			Lead	In-house Method 6323s, ICP-MS (2024)
249	Sauces, Seasonings, Soup, Spices and Related Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
250	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)
251			E. coli Count	ISO 16649-2:2001 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
252			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
253			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
254	Food Supplements	Pathogens, Parasites & Toxins	Bacillus cereus Count	ISO 7932:2004/AMD 1:2020 RAPID'B.cereus
255			Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
256			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
257			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
258			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
259	Food Supplements	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
260			Sorbic Acid	In-house Method 7211s, HPLC (2024)
261	Food Supplements	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
262			Copper	In-house Method 6323s, ICP-MS (2024)
263			Lead	In-house Method 6323s, ICP-MS (2024)
264				
264	Bottled Water	Microbiological Indicators	Coliform Count	APHA Standard Methods for Water and Wastewater 24th Edition, 2022, 9222B
265			E. coli Count	APHA Standard Methods for Water and Wastewater 24th Edition, 2022, 9222H
266			Total Colony Count/ Aerobic Plate Count @ 30/35°C	APHA Standard Methods for Water and Wastewater 24th Edition, 2022, 9215A&B
267	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)
268			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)

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
269			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
270			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
271			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
272			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
273	Tea	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
274			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
275	Tea	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
276			Copper	In-house Method 6323s, ICP-MS (2024)
277			Lead	In-house Method 6323s, ICP-MS (2024)
278	Tea	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
279	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)
280			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)
281	Beverages	Microbiological Indicators	Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
282			Mould Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
283			pH @ 25°C	In-house Method 6476 (2023)

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

Certificate No.: LRP-2020-004/AQS
 Date of Issue: 27 March 2025
 Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
284			Sulphite Reducing Clostridia	ISO 15213-1:2023
285			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg) APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 8.82 (Petrifilm)
286			Yeast Count	FDA BAM April 2001 Chapter 18 ISO 6611/IDF 94:2004 AOAC 2014.05 (Rapid Petrifilm) Inhouse method 7410s, 2023 (modified from ISO 6611/IDF 94:2004), 2023
287	Beverages	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	ISO 6888-1:2021 RAPID'Staph APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)
288			Listeria monocytogenes	ISO 11290-1:2017 Solus™ Listeria ELISA GENE UP Biomerieux (PCR) ISO 11290-2:2017
289			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
290			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37

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

Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
291			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
292	Beverages	Food Additives	10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)	In-house Method 7208s, LC-MS/MS (2024)
293			Benzoic Acid	In-house Method 7211s, HPLC (2024)
294			Sorbic Acid	In-house Method 7211s, HPLC (2024)
295			Sulphur Dioxide	AOAC 990.28
296	Beverages	Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)
297			Copper	In-house Method 6323s, ICP-MS (2024)
298			Lead	In-house Method 6323s, ICP-MS (2024)
299	Beverages	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
300	General Food Products	Food Additives	10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)	In-house Method 7208s, LC-MS/MS (2024)
301			Benzoic Acid	In-house Method 7211s, HPLC (2024)
302			Nitrate	ISO 14673-3 / IDF189-3:2004
303			Nitrite	ISO 14673-3 / IDF189-3:2004
304			Sorbic Acid	In-house Method 7211s, HPLC (2024)
305			Sulphur Dioxide	AOAC 990.28
306	General Food Products	Inorganic Contaminants	Aluminium	In-house Method 6323s, ICP-MS (2024)
307			Antimony	In-house Method 6323s, ICP-MS (2024)
308			Arsenic	In-house Method 6323s, ICP-MS (2024)

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Certificate No.: LRP-2020-004/AQS
Date of Issue: 27 March 2025
Issue No.: 14

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
309			Cadmium	In-house Method 6323s, ICP-MS (2024)
310			Copper	In-house Method 6323s, ICP-MS (2024)
311			Lead	In-house Method 6323s, ICP-MS (2024)
312			Mercury	In-house Method 6323s, ICP-MS (2024)
313			Nickel	In-house Method 6323s, ICP-MS (2024)
314			Tin	In-house Method 6323s, ICP-MS (2024)
315	General Food Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
316	General Food Products	Organic Contaminants	Acrylamide	Inhouse method 7312s, LC-MSMS (2023)
317	Animal Feed	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
318	Animal Feed	Organic Contaminants	Melamine	FDA LIB 4422
319	RTE	Microbiological Indicators	E. coli Count	ISO 16649-2:2001
320			Enterobacteriaceae Count	ISO 21528-2:2017 APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.631 (Petrifilm) RAPID'Enterobacteriaceae
321			Escherichia coli count	ISO 16649-2:2001
322			Escherichia coli O157:H7 (with serotype confirmation)	SureTect™ Escherichia coli O157:H7
323			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 FDA BAM January 2001 Chapter 3
324	RTE	Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus count	RAPID'Staph
325			E. coli O157: H7 (with serotype confirmation)	SureTect™ Escherichia coli O157:H7
326			Listeria monocytogenes	GENE UP BioMérieux

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
				ISO 11290-1:2017 Solus™ Listeria monocytogenes ELISA
327			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
328			Shigella spp.	APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37
329			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
330			Vibrio vulnificus	SureTect Vibrio Multiplex
331	RTE	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
332			Nitrate	ISO 14673-3 / IDF189-3:2004
333			Nitrite	ISO 14673-3 / IDF189-3:2004
334			Sorbic Acid	In-house Method 7211s, HPLC (2024)
335			Sulphur Dioxide	AOAC 990.28
336	Infant Foods	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
337			Aflatoxin M1	In-house Method 6737, UHPLC (2021)