

## **Recognition Schedule**

## Laboratory Recognition Programme

Laboratory Name: Merieux NutriSciences AQ (Singapore) Lab Pte Ltd

Address: 29 Tai Seng Avenue, #06-08 Date of Issue: 01 October 2025

Singapore 534119 Issue No.: 15

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
1			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
		Microbiological		Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
	Milk and Dairy Products		E. coli Count  Microbiological Examination Edition, 2015, Chapter 9.9 ( APHA Compendium of Methods)	ISO 16649-2:2001
				APHA Compendium of Methods for the
		Indicators		Microbiological Examination of Foods, 5th
2				Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 21528-2:2017
3			Enterobacteriaceae Count	APHA Compendium of Methods for the
3				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.631 (Petrifilm)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				RAPID'Enterobacteriaceae
				APHA Compendium of Methods for the
4			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
5			Mould Count	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 (2024)
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
7				APHA Compendium of Methods for the
			@ 30/33 C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
8			Yeast Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
9	Milk and Dairy Products		Bacillus cereus Count	ISO 7932:2004/AMD 1:2020
9		Detherone Devenites 9	Bacillus cereus Courit	RAPID'B.cereus
10		Pathogens, Parasites & Toxins	Clostridium perfringens	ISO/TS 15213-2:2023
11		I OXIII2	Coagulase Positive Staphylococcus	ISO 6888-1:2021
11			aureus Count	RAPID'Staph

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				Method No./ Equipment/ Technique
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
12			Cronobacter sakazakii	ISO 22964:2017
12			Citionaciei sakazakii	GENE UP BioMérieux
13			Enterobacter Sakazakii	ISO 22964:2017
13			Litteropacter Sakazakii	GENE UP Biomerieux (PCR)
14			Lactobacillus spp and Lactic Acid Bacteria	ISO 15214:1998
14			Lactobacillus spp and Lactic Acid Bacteria	3M Petrifilm
				ISO 11290-1:2017
15			Listeria monocytogenes	Solus™ Listeria monocytogenes ELISA
				GENE UP Biomerieux (PCR)
				ISO 6579-1:2017/Amd 1:2020
16			Salmonella spp.	Solus™ Salmonella, ELISA screen /
10				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
17			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
18			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
19			Benzoic Acid	In-house Method 7211s, HPLC (2024)
20	Milk and Dairy Products		Methyl Paraben	In-house Method 7211s, HPLC (2024)
21		Food Additives	Nitrate	ISO 14673-3 / IDF189-3:2004
22		ruuu Auuilives	Nitrite	ISO 14673-3 / IDF189-3:2004
23			Propyl Paraben	In-house Method 7211s, HPLC (2024)
24			Sorbic Acid	In-house Method 7211s, HPLC (2024)

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				Method No./ Equipment/ Technique
25			Ash	In-house Method 4151, Gravimetric (2024)
26			Carbohydrate	In-house Method 5022, by difference,
20			Carbonydiate	calculation (2024)
27			Crude fat (ether extract)	In-house Method 5137, Gravimetric - RG (2022)
28			Crude protein	In-house Method 6503s, Kjeldahl Block
20			•	Digestion (2024)
29	Milk and Dairy Products	Food Specifications	Fat %	In-house Method 5137, Gravimetric - RG (2022)
30	Willik and Dairy 1 10ddcts	1 000 opcomoations	Lard (eicosadienoic acid (C20:2 w6))	AOAC 991.39
				In-house Method 5137, Gravimetric - RG (2022)
31			Milk fat	In-house Method 4988, Gravimetric - SBR
				(2024)
32			Moisture	In-house Method 4208, Oven Dried (2022)
			Welstars	In-house Method 5204, Vacuum (2021)
33			Sucrose	In-house Method 4196, GLC (2022)
34			Aluminium	In-house Method 6323s, ICP-MS (2024)
35			Arsenic	In-house Method 6323s, ICP-MS (2024)
36			Cadmium	In-house Method 6323s, ICP-MS (2024)
37			Chromium	In-house Method 6323s, ICP-MS (2024)
38	Milk and Dairy Products	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
39			Lead	In-house Method 6323s, ICP-MS (2024)
40			Mercury	In-house Method 6323s, ICP-MS (2024)
41			Nickel	In-house Method 6323s, ICP-MS (2024)
42			Tin	In-house Method 6323s, ICP-MS (2024)
43	Milk and Dairy Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
44	WIIIK AND DAILY FIDUUCIS	iviyootoxiiis	Aflatoxin M1	In-house Method 6737, UHPLC (2021)
45	Milk and Dairy Products	Organic Contaminants	Melamine	FDA LIB 4422

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	46		Coliform Count	Method No./ Equipment/ Technique ISO 4832:2006 APHA Compendium of Methods for the
46				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) ISO 16649-2:2001
47		Microbiological Indicators	E. coli Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.9 (MPN)
	Fats and Oil			APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 9.935 (Petrifilm)
48			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
49			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)
50	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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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
51			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux
52	Foto and Oil	Food Specifications	Cholesterol	In-house Method 6005s, GC (2024)
53	Fats and Oil	Food Specifications	Peroxide Value	In-house Method 5180, Titration (2021)
54	Fats and Oil	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
55	Fais and On	morganic Contaminants	Lead	In-house Method 6323s, ICP-MS (2024)
56			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)
57	Nuts and Related Products	Microbiological Indicators	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)
58			Faecal Coliform Count	APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015 Chapter 9.8 (MPN)
59			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (30deg) FDA BAM Chapter 3 (35deg)

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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 8.82 (Petrifilm)
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
60			. ,	APHA Compendium of Methods for the
			aureus Courit	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
	Nuts and Related	Pathogens, Parasites &		ISO 6579-1:2017/Amd 1:2020
61	Products	Toxins	aureus Count  APHA Compendium of Methods for the Microbiological Examination of Foods, 5th Edition, 2015, Chapter 39.65 (Petrifilm)  ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:20 GENE UP BioMérieux  APHA Compendium of Methods for the Microbiological, Examination of Foods 5th Edition, 2015, Chapter 37	Solus™ Salmonella, ELISA screen /
01	Toddets	Products		confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
62				Microbiological, Examination of Foods 5th
				-
63			Vibrio cholerae	
64	Nuts and Related	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
65	Products	IVIYOOOXIIIS	Aflatoxin M1	In-house Method 6737, UPLC (2021)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
66	Fruits and Vegetables	Microbiological	GENE UP BioMérieux  APHA Compendium of Methods for the Microbiological, Examination of Foods Edition, 2015, Chapter 37  Vibrio cholerae  Aflatoxin BG (Aflatoxin B1, B2, G1, G2)  Aflatoxin M1  In-house Method 6737, UPLC (2021)  ISO 4832:2006  APHA Compendium of Methods for the Microbiological Examination of Foods Edition, 2015, Chapter 9.7 (MPN)	Edition, 2015, Chapter 9.7 (MPN)
	Truits and vegetables	Indicators		APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
67			E. coli Count	ISO 16649-2:2001

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

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				Solus™ Listeria monocytogenes ELISA
				ISO 6579-1:2017/Amd 1:2020
74			Salmonella spp.	Solus™ Salmonella, ELISA screen /
/4				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
75			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
76			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
77			Vibrio vulnificus	In-house Method 6239, 2020 (Modified from
,,				FDA BAM, May 2004, Chapter 9)
		and Vegetables Food Additives	10 Sweeteners (Acesulfame-K, Saccharin,	
			Cyclamate as Cyclamic Acid, Stevioside,	
78			Sucralose, Advantame, Alitame,	In-house Method 7208s, LC-MS/MS (2024)
			Aspartame, Neohesperidin	
	Fruits and Vegetables		Dihydrochalcone, Neotame)	
79			Benzoic Acid	In-house Method 7211s, HPLC (2024)
80			Sorbic Acid	In-house Method 7211s, HPLC (2024)
81			Sulphur Dioxide	AOAC 990.28
01			•	US FDA C-004.04 <sup>^</sup>
82	Fruits and Vegetables		Aluminium	In-house Method 6323s, ICP-MS (2024)
83			Antimony	In-house Method 6323s, ICP-MS (2024)
84		Inorgania Cantaminanta	Arsenic	In-house Method 6323s, ICP-MS (2024)
85		Inorganic Contaminants	Cadmium	In-house Method 6323s, ICP-MS (2024)
86			Chromium	In-house Method 6323s, ICP-MS (2024)
87			Lead	In-house Method 6323s, ICP-MS (2024)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
88			Mercury	In-house Method 6323s, ICP-MS (2024)
89			Nickel	In-house Method 6323s, ICP-MS (2024)
90			Tin	In-house Method 6323s, ICP-MS (2024)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
91			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
92	Cocoa Products	Microbiological	Microbiological E. coli Count Edition, 201 APHA Com Microbiolog	Edition, 2015, Chapter 9.9 (MPN)
	Cocoa Products In-	Indicators		APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
			Faecal Coliform Count	APHA Compendium of Methods for the
93				Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count	FDA BAM Chapter 3 (35deg)
94			@ 30/35°C	APHA Compendium of Methods for the
			@ 30/35 C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
95	Cocoa Products	Pathogens, Parasites &	Coagulase Positive Staphylococcus	ISO 6888-1:2021
90	Cocoa Froducts	Toxins	aureus Count	RAPID'Staph

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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)
				ISO 6579-1:2017/Amd 1:2020
96			Salmonella spp.	Solus™ Salmonella, ELISA screen /
90			Заптопена эрр.	confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
97			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
98			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
99	Cocoa Products	Food Specifications	pН	In-house Method 6476 (2024)
100			Arsenic	In-house Method 6323s, ICP-MS (2024)
101	Cocoa Products	Inorganic Contaminants	Cadmium	In-house Method 6323s, ICP-MS (2024)
102	Cocoa Froducis		Copper	In-house Method 6323s, ICP-MS (2024)
103			Lead	In-house Method 6323s, ICP-MS (2024)
104	Cocoa Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
105	Meat and Meat Products	Microbiological	Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
	Weat and Weat Products	Indicators		APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
106			E. coli Count	ISO 16649-2:2001

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				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)
				ISO 21528-2:2017
				APHA Compendium of Methods for the
107			Enterobacteriaceae Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.631 (Petrifilm)
				RAPID'Enterobacteriaceae
108			pH @ 25°C	In-house Method 6476 (2024)
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
109				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
110			Campylobacter spp.	Microbiological Methods for the Meat Industry
				(MIMM) Chapter 7.3
111			Clostridium Perfringens	ISO/TS 15213-2:2023
				ISO 6888-1:2021
	Meat and Meat Products	Pathogens, Parasites &	Coagulase Positive Staphylococcus	RAPID'Staph
112	Wicat and Wicat i Toddots	Toxins	aureus Count	APHA Compendium of Methods for the
			dareas count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
113			E. coli O157:H7	GENE UP BioMérieux
114			Listeria monocytogenes	ISO 11290-1:2017

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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
				ISO 6579-1:2017/Amd 1:2020
115			Salmonella enn	Solus™ Salmonella, ELISA screen /
113				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
116			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
117			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
118	Meat and Meat Products	Food Additives	Nitrate	ISO 14673-3 / IDF189-3:2004
119	Weat and Meat Products		Nitrite	ISO 14673-3 / IDF189-3:2004
120	Meat and Meat Products	Inorganic Contaminants	Lead	In-house Method 6323s, ICP-MS (2024)
121	- Meat and Meat Products   Inorganic Contami	morganic Contaminants	Tin	In-house Method 6323s, ICP-MS (2024)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
122			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
	Fish & Seafood	Microbiological		APHA Compendium of Methods for the
	Products	Indicators		Microbiological Examination of Foods, 5th
		indicators		Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
123			F coli Count	APHA Compendium of Methods for the
120			Salmonella spp.  Shigella spp.  Sh	_
				Edition, 2015, Chapter 9.9 (MPN)

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				Method No./ Equipment/ Technique
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 21528-2:2017
				APHA Compendium of Methods for the
124			Enterobacteriaceae Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.631 (Petrifilm)
				RAPID'Enterobacteriaceae
				APHA Compendium of Methods for the
125			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
126			Sulphite Reducing Clostridia	ISO 15213-1:2023
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
127				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
128			aureus Count	APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
	Fish & Seafood	Pathogens, Parasites &		Edition, 2015, Chapter 39.65 (Petrifilm)
	Products	Toxins		ISO 11290-1:2017
129			Listeria monocytogenes	Solus™ Listeria ELISA
.20				GENE UP Biomerieux (PCR)
				ISO 11290-2:2017
130			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				Solus™ Salmonella, ELISA screen /
				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
131			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
132			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
133			Vibrio vulnificus	In-house Method 6239, 2020 (Modified from
133			VIDITO VAITITICAS	FDA BAM, May 2004, Chapter 9)
134			Benzoic Acid	In-house Method 7211s, HPLC (2024)
135	Fish & Seafood	Fish & Seafood Products Food Additives	Sorbic Acid	In-house Method 7211s, HPLC (2024)
136	Products		Sulphur Dioxide	AOAC 990.28
130				US FDA C-004.04 <sup>^</sup>
137			Aluminium	In-house Method 6323s, ICP-MS (2024)
138			Antimony	In-house Method 6323s, ICP-MS (2024)
139			Arsenic	In-house Method 6323s, ICP-MS (2024)
140	Fish & Seafood		Cadmium	In-house Method 6323s, ICP-MS (2024)
141	Products	Inorganic Contaminants	Chromium	In-house Method 6323s, ICP-MS (2024)
142	Fiduucis		Lead	In-house Method 6323s, ICP-MS (2024)
143			Mercury	In-house Method 6323s, ICP-MS (2024)
144			Nickel	In-house Method 6323s, ICP-MS (2024)
145			Tin	In-house Method 6323s, ICP-MS (2024)
				ISO 4832:2006
146	Egg and Egg Based	Microbiological	Coliform Count	APHA Compendium of Methods for the
140	Products	Indicators		Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.7 (MPN)

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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)
				ISO 16649-2:2001
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
147			E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				APHA Compendium of Methods for the
148			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
149				APHA Compendium of Methods for the
			© 30/33 C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
150			aureus Count	APHA Compendium of Methods for the
	Egg and Egg Based	Pathogens, Parasites &	aureus Courit	Microbiological Examination of Foods, 5th
	Products	Toxins		Edition, 2015, Chapter 39.65 (Petrifilm)
		IOAIIIO		ISO 11290-1:2017
151			Listeria monocytogenes	Solus™ Listeria ELISA
131			Listeria monocytogenes	GENE UP Biomerieux (PCR)
				ISO 11290-2:2017

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				ISO 6579-1:2017/Amd 1:2020
152			Salmonella spp.	Solus™ Salmonella, ELISA screen /
132				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
153			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
154			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
155			Arsenic	In-house Method 6323s, ICP-MS (2024)
156	Egg and Egg Based Products	I Inorganic Contaminants	Cadmium	In-house Method 6323s, ICP-MS (2024)
157			Chromium	In-house Method 6323s, ICP-MS (2024)
158			Copper	In-house Method 6323s, ICP-MS (2024)
159			Lead (Preserved Eggs)	In-house Method 6323s, ICP-MS (2024)
160			Mercury	In-house Method 6323s, ICP-MS (2024)
161			Nickel	In-house Method 6323s, ICP-MS (2024)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
162			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
		Microbiological		APHA Compendium of Methods for the
	Sweeteners	Indicators		Microbiological Examination of Foods, 5th
		maioators		Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
163			E. coli Count	APHA Compendium of Methods for the
100			E. Son Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.9 (MPN)

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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)
				APHA Compendium of Methods for the
164			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
165			Mould Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
166				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
167			Yeast Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
168	Sweeteners	Sweeteners Pathogens, Parasites & Toxins	aureus Count	APHA Compendium of Methods for the
	OMERICIEIS		aureus Courit	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
169			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				Solus™ Salmonella, ELISA screen /
				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
170			Arsenic	In-house Method 6323s, ICP-MS (2024)
171			Cadmium	In-house Method 6323s, ICP-MS (2024)
172	Sweeteners	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
173			Lead	In-house Method 6323s, ICP-MS (2024)
174			Mercury	In-house Method 6323s, ICP-MS (2024)
	75			ISO 4832:2006
			Coliform Count	APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
175				Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
	Flavor Income and	Microbiological		ISO 16649-2:2001
	Flour, Improvers and Related Products	Indicators		APHA Compendium of Methods for the
	Related Floducts	indicators		Microbiological Examination of Foods, 5th
176			E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				APHA Compendium of Methods for the
177			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				ISO 4833-1:2013 (30deg)
178			otal Colony Count/ Aerobic Plate Count	FDA BAM Chapter 3 (35deg)
			@ 30/35°C	APHA Compendium of Methods for the
			@ 30/35 C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				ISO 6888-1:2021
	Claur Improvers and	Dathagana Darasitas 9	Congulare Desitive Stanbulgeresus	RAPID'Staph
179	Flour, Improvers and Related Products	Pathogens, Parasites &	Coagulase Positive Staphylococcus	APHA Compendium of Methods for the
	Related Floducts	Toxins aureus Count	Microbiological Examination of Foods, 5th	
				Edition, 2015, Chapter 39.65 (Petrifilm)
180	Flour, Improvers and	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
181	Related Products		Sorbic Acid	In-house Method 7211s, HPLC (2024)
182	Flour Improvers and	Flour, Improvers and Related Products Food Specifications	Moisture	In-house Method 4208, Oven Dried (2022)
102	•			In-house Method 5204, Vacuum (2021)
183	Related Floducts		рН	In-house Method 6476 (2024)
184			Antimony	In-house Method 6323s, ICP-MS (2024)
185			Arsenic	In-house Method 6323s, ICP-MS (2024)
186	Claur Improvers and		Cadmium	In-house Method 6323s, ICP-MS (2024)
187	Flour, Improvers and Related Products	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
188	Related Products		Lead	In-house Method 6323s, ICP-MS (2024)
189			Mercury	In-house Method 6323s, ICP-MS (2024)
190			Tin	In-house Method 6323s, ICP-MS (2024)
191	Flour, Improvers and Related Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
192	Grain Based Products		Coliform Count	ISO 4832:2006

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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 9.7 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
193		Microbiological	E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
		Indicators		APHA Compendium of Methods for the
		mulcators		Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
			Faecal Coliform Count	APHA Compendium of Methods for the
194				Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
			Total Colony Count/ Aerobic Plate Count	ISO 4833-1:2013 (30deg)
				FDA BAM Chapter 3 (35deg)
195			@ 30/35°C	APHA Compendium of Methods for the
			9 50/00 5	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
196	Grain Based Products	Pathogens, Parasites &	aureus Count	APHA Compendium of Methods for the
	2.3 24004 1 1044010	Toxins		Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
197			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				Solus™ Salmonella, ELISA screen /
				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
198			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
199			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
200	Grain Based Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
201	Grain Dased Froducts	IVIYCOLOXIIIS	Aflatoxin M1	In-house Method 6737, UPLC (2021)
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
202			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
		Confectionery and Microbiological Bakery Products Indicators		APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
	Confectionery and			APHA Compendium of Methods for the
	Bakery Products			Microbiological Examination of Foods, 5th
203			E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				APHA Compendium of Methods for the
204			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
205			Mould Count	FDA BAM April 2001 Chapter 18

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				ISO 6611/IDF 94:2004
				AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count	FDA BAM Chapter 3 (35deg)
206	Total Colony Count/ Aerobic Plate 0 @ 30/35°C		1	APHA Compendium of Methods for the
		@ 30/33 C	Microbiological Examination of Foods, 5th	
				Edition, 2015, Chapter 8.82 (Petrifilm)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
207			Yeast Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
208			aureus Count	APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
	Confectionery and	Pathogens, Parasites &		ISO 6579-1:2017/Amd 1:2020
209	Bakery Products	Toxins	Salmonella spp.	Solus™ Salmonella, ELISA screen /
209	Bakery Floducis	TOXITIS		confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
210			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
211			Vibrio cholerae	FDA BAM, May 2004, Chapter 9

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
			10 Sweeteners (Acesulfame-K, Saccharin,	
			Cyclamate as Cyclamic Acid, Stevioside,	
212			Sucralose, Advantame, Alitame,	In-house Method 7208s, LC-MS/MS (2024)
	Confectionery and		Aspartame, Neohesperidin	
	Bakery Products	Food Additives	Dihydrochalcone, Neotame)	
213	Bakery Froducts		Benzoic Acid	In-house Method 7211s, HPLC (2024)
214			Sorbic Acid	In-house Method 7211s, HPLC (2024)
215			Sulphur Diovida	AOAC 990.28
213			Sulpriul Dioxide	US FDA C-004.04 <sup>^</sup>
216	Confectionery and	' IVIVEOTORING	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
217	Bakery Products		Aflatoxin M1	In-house Method 6737, UPLC (2021)
			Coliform Count	ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
218				Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
	Sauces, Seasonings,	uuooo Sooganinga		Microbiological Examination of Foods, 5th
	Soup, Spices and	Microbiological		Edition, 2015, Chapter 9.935 (Petrifilm)
	Related Products	Indicators		ISO 16649-2:2001
	Related Froducts			APHA Compendium of Methods for the
			10 Sweeteners (Acesulfame-K, Saccharin, Cyclamate as Cyclamic Acid, Stevioside, Sucralose, Advantame, Alitame, Aspartame, Neohesperidin Dihydrochalcone, Neotame)  Benzoic Acid In-house Method 7211s, HPLC (2024)  Sorbic Acid In-house Method 7211s, HPLC (2024)  Sulphur Dioxide AOAC 990.28 US FDA C-004.04^  Aflatoxin BG (Aflatoxin B1, B2, G1, G2) In-house Method 6737, UHPLC (2021)  Aflatoxin M1 In-house Method 6737, UHPLC (2021)  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)  ISO 16649-2:2001	Microbiological Examination of Foods, 5th
219			E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				*
				Edition, 2015, Chapter 9.935 (Petrifilm)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				APHA Compendium of Methods for the
220			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
221			Mould Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count @ 30/35°C	FDA BAM Chapter 3 (35deg)
222				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
223			Yeast Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
224			Bacillus cereus Count	ISO 7932:2004/AMD 1:2020
224			Dacinus cereus Count	RAPID'B.cereus
				ISO 6888-1:2021
	Sauces, Seasonings,	Pathogens, Parasites &	Coagulase Positive Staphylococcus	RAPID'Staph
225	Soup, Spices and	Toxins	aureus Count	APHA Compendium of Methods for the
	Related Products	ucts	aureus Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
226			Listeria monocytogenes	ISO 11290-1:2017
220			Listeria monocytogenes	Solus™ Listeria ELISA

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				GENE UP Biomerieux (PCR)
				ISO 11290-2:2017
				ISO 6579-1:2017/Amd 1:2020
227			Salmonella spp.	Solus™ Salmonella, ELISA screen /
221			Заптопена эрр.	confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
228			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
229			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
			10 Sweeteners (Acesulfame-K, Saccharin,	
			Cyclamate as Cyclamic Acid, Stevioside,	
230			Sucralose, Advantame, Alitame,	In-house Method 7208s, LC-MS/MS (2024)
			Aspartame, Neohesperidin	
	Sauces, Seasonings,		Dihydrochalcone, Neotame)	
231	Soup, Spices and	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
232	Related Products		Methyl Paraben	In-house Method 7211s, HPLC (2024)
233			Propyl Paraben	In-house Method 7211s, HPLC (2024)
234			Sorbic Acid	In-house Method 7211s, HPLC (2024)
235			Sulphur Dioxide	AOAC 990.28
233			Sulpitul Dioxide	US FDA C-004.04 <sup>^</sup>
236	Saucas Saacanings		Moisture	In-house Method 4208, Oven Dried (2022)
230	Sauces, Seasonings, Soup, Spices and	Food Specifications	Moisture	In-house Method 5204, Vacuum (2021)
237	Related Products	Food Specifications	Nitrogen Content/ Total Nitrogen by	In-house Method 6503s, Kjeldahl Block
231	Neialeu Filouuola		Kjeldahl	Digestion (2024)
238		Inorganic Contaminants	Arsenic	In-house Method 6323s, ICP-MS (2024)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
239	Sauces, Seasonings,		Cadmium	In-house Method 6323s, ICP-MS (2024)
240	Soup, Spices and		Copper	In-house Method 6323s, ICP-MS (2024)
241	Related Products		Lead	In-house Method 6323s, ICP-MS (2024)
	Sauces, Seasonings,			
242	Soup, Spices and	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
	Related Products			
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
243			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
	Food Supplements  Microbiological	Migrahiological		APHA Compendium of Methods for the
		Indicators		Microbiological Examination of Foods, 5th
244		mulcators	E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				APHA Compendium of Methods for the
245			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
246			Total Colony Count/ Aerobic Plate Count	ISO 4833-1:2013 (30deg)
240			@ 30/35°C	FDA BAM Chapter 3 (35deg)

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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 8.82 (Petrifilm)
247			Bacillus cereus Count	ISO 7932:2004/AMD 1:2020
241			Dacinus cereus Count	RAPID'B.cereus
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
248			aureus Count	APHA Compendium of Methods for the
		Pathogens, Parasites &	aureus Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
	Food Supplements		Salmonella spp.	ISO 6579-1:2017/Amd 1:2020
249		TOAITS		Solus™ Salmonella, ELISA screen /
243				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
250			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
251			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
252	Food Supplements	Food Additives	Benzoic Acid	In-house Method 7211s, HPLC (2024)
253	Food Supplements	Food Additives	Sorbic Acid	In-house Method 7211s, HPLC (2024)
254			Arsenic	In-house Method 6323s, ICP-MS (2024)
255	Food Supplements	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
256			Lead	In-house Method 6323s, ICP-MS (2024)
257	Bottled Water	Microbiological	Coliform Count	APHA Standard Methods for Water and
237	DUILIEU WAIEI	Indicators		Wastewater 24th Edition, 2023, 9222B

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
258			E. coli Count	APHA Standard Methods for Water and
230			L. Con Count	Wastewater 24th Edition, 2023, 9222H
259			Total Colony Count/ Aerobic Plate Count	APHA Standard Methods for Water and
200			@ 30/35°C	Wastewater 24th Edition, 2023, 9215A&B
				ISO 4832:2006
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
260			Coliform Count	Edition, 2015, Chapter 9.7 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				ISO 16649-2:2001
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
261	Tea	Microbiological	E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
	Tea	Indicators		APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
				APHA Compendium of Methods for the
262			Faecal Coliform Count	Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
263			Mould Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Aerobic Plate Count	FDA BAM Chapter 3 (35deg)
264			@ 30/35°C	APHA Compendium of Methods for the
			@ 30/35 C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
265			Yeast Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 6888-1:2021
		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	RAPID'Staph
266				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
	Tea			Edition, 2015, Chapter 39.65 (Petrifilm)
		TOXILIS		ISO 6579-1:2017/Amd 1:2020
267			Salmonella spp.	Solus™ Salmonella, ELISA screen /
201				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
268			Arsenic	In-house Method 6323s, ICP-MS (2024)
269	Tea	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
270			Lead	In-house Method 6323s, ICP-MS (2024)
271	Tea	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
				ISO 4832:2006
272	Beverages	Beverages Microbiological Indicators	Coliform Count	APHA Compendium of Methods for the
212				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.7 (MPN)

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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)
				ISO 16649-2:2001
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
273			E. coli Count	Edition, 2015, Chapter 9.9 (MPN)
				APHA Compendium of Methods for the
				Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 9.935 (Petrifilm)
		Beverages Microbiological	Faecal Coliform Count	APHA Compendium of Methods for the
274				Microbiological Examination of Foods, 5th
				Edition, 2015 Chapter 9.8 (MPN)
				FDA BAM April 2001 Chapter 18
				ISO 6611/IDF 94:2004
275			Mould Count	AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
276	Beverages		pH @ 25°C	In-house Method 6476 (2024)
277		Indicators	Sulphite Reducing Clostridia	ISO 15213-1:2023
				ISO 4833-1:2013 (30deg)
			Total Colony Count/ Agrabia Plata Count	FDA BAM Chapter 3 (35deg)
278			Total Colony Count/ Aerobic Plate Count	APHA Compendium of Methods for the
			@ 30/35°C	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 8.82 (Petrifilm)
270			Vecat Count	FDA BAM April 2001 Chapter 18
279	9		Yeast Count	ISO 6611/IDF 94:2004

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				AOAC 2014.05 (Rapid Petrifilm)
				Inhouse method 7410s, 2023 (modified from
				ISO 6611/IDF 94:2004), 2023
				ISO 6888-1:2021
			Coagulase Positive Staphylococcus	RAPID'Staph
280			aureus Count	APHA Compendium of Methods for the
			aureus Count	Microbiological Examination of Foods, 5th
				Edition, 2015, Chapter 39.65 (Petrifilm)
				ISO 11290-1:2017
281		Pathogens, Parasites & Toxins	Listeria monocytogenes	Solus™ Listeria ELISA
201				GENE UP Biomerieux (PCR)
	Beverages			ISO 11290-2:2017
			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020
282				Solus™ Salmonella, ELISA screen /
202				confirmation by ISO 6579:2017/Amd 1:2020
				GENE UP BioMérieux
				APHA Compendium of Methods for the
283			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
284			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
			10 Sweeteners (Acesulfame-K, Saccharin,	
			Cyclamate as Cyclamic Acid, Stevioside,	
285	285 Beverages	erages Food Additives	Sucralose, Advantame, Alitame,	In-house Method 7208s, LC-MS/MS (2024)
			Aspartame, Neohesperidin	
			Dihydrochalcone, Neotame)	
286			Benzoic Acid	In-house Method 7211s, HPLC (2024)
287			Sorbic Acid	In-house Method 7211s, HPLC (2024)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
288			Sulphur Dioxide	AOAC 990.28
200			Sulpitul Dioxide	US FDA C-004.04 <sup>^</sup>
289			Arsenic	In-house Method 6323s, ICP-MS (2024)
290	Beverages	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
291			Lead	In-house Method 6323s, ICP-MS (2024)
292	Beverages	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
			10 Sweeteners (Acesulfame-K, Saccharin,	
			Cyclamate as Cyclamic Acid, Stevioside,	
293			Sucralose, Advantame, Alitame,	In-house Method 7208s, LC-MS/MS (2024)
			Aspartame, Neohesperidin	
	Consered Food Droducts	neral Food Products Food Additives	Dihydrochalcone, Neotame)	
294	General Food Products		Benzoic Acid	In-house Method 7211s, HPLC (2024)
295			Nitrate	ISO 14673-3 / IDF189-3:2004
296			Nitrite	ISO 14673-3 / IDF189-3:2004
297			Sorbic Acid	In-house Method 7211s, HPLC (2024)
298			Sulphur Dioxide	AOAC 990.28
299			Aluminium	In-house Method 6323s, ICP-MS (2024)
300			Antimony	In-house Method 6323s, ICP-MS (2024)
301			Arsenic	In-house Method 6323s, ICP-MS (2024)
302			Cadmium	In-house Method 6323s, ICP-MS (2024)
303	General Food Products	Inorganic Contaminants	Copper	In-house Method 6323s, ICP-MS (2024)
304			Lead	In-house Method 6323s, ICP-MS (2024)
305			Mercury	In-house Method 6323s, ICP-MS (2024)
306			Nickel	In-house Method 6323s, ICP-MS (2024)
307			Tin	In-house Method 6323s, ICP-MS (2024)
308	General Food Products	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
309	General Food Products	Organic Contaminants	Acrylamide	Inhouse method 7312s, LC-MSMS (2024)
310	Animal Feed	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
311	Animal Feed	Organic Contaminants	Melamine	FDA LIB 4422
312			E. coli Count	ISO 16649-2:2001
313	RTE	Microbiological Indicators	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
314			Escherichia coli O157:H7 (with serotype confirmation)	GENE UP BioMérieux
315			Total Colony Count/ Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 FDA BAM January 2001 Chapter 3
316			Coagulase Positive Staphylococcus aureus count	RAPID'Staph
317			E. coli O157: H7 (with serotype confirmation)	GENE UP BioMérieux
318	RTE	Pathogens, Parasites & Toxins	Listeria monocytogenes	GENE UP BioMérieux ISO 11290-1:2017 Solus™ Listeria monocytogenes ELISA
319			Salmonella spp.	ISO 6579-1:2017/Amd 1:2020 Solus™ Salmonella, ELISA screen / confirmation by ISO 6579:2017/Amd 1:2020 GENE UP BioMérieux

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house
				Method No./ Equipment/ Technique
				APHA Compendium of Methods for the
320			Shigella spp.	Microbiological, Examination of Foods 5th
				Edition, 2015, Chapter 37
321			Vibrio cholerae	FDA BAM, May 2004, Chapter 9
322			Vibrio vulnificus	In-house Method 6239, 2020 (Modified from
322			VIDITO VUITITICUS	FDA BAM, May 2004, Chapter 9)
323			Benzoic Acid	In-house Method 7211s, HPLC (2024)
324			Nitrate	ISO 14673-3 / IDF189-3:2004
325	RTE	Food Additives	Nitrite	ISO 14673-3 / IDF189-3:2004
326			Sorbic Acid	In-house Method 7211s, HPLC (2024)
327			Sulphur Dioxide	AOAC 990.28
328	Infant Foods	Mycotoxins	Aflatoxin BG (Aflatoxin B1, B2, G1, G2)	In-house Method 6737, UHPLC (2021)
329	illiani Foods	Infant Foods Mycotoxins	Aflatoxin M1	In-house Method 6737, UHPLC (2021)

<sup>^</sup> Indicates that the test method is granted conditional recognition