



Recognition Schedule
Laboratory Recognition Programme

Laboratory Name: Ugene Laboratory Services Pte Ltd
Address: 21 Woodlands Industrial Park E1, #04-08
Singapore 757720

Certificate No.: LRP-2020-009/ULS
Date of Issue: 01 April 2024
Issue No.: 08

S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique
1	Milk and Dairy Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
2			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
3			Enterobacteriaceae Count	CMMEF 5th Edition, Chapter 9 ISO 21528-2: 2017 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
4			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)

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5		Microbiological Indicators	Mould Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002
6	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
7	Yeast Count		FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002	
8		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA / BAM Online October 2020 Chapter 14 ISO 7932: 2004 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
9	Clostridium perfringens		ISO 7937:2004 Ugene La MM 8-6 (Rev B)	
10	Coagulase Positive Staphylococcus aureus Count		FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001	

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				ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
11			E. coli O157: H7	AOAC 2000.14 (2008)
12		Pathogens, Parasites & Toxins	Listeria monocytogenes	Ugene Lab MM 2-5: Rev. D FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017
13			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
14			Shigella spp.	CMMEF 4th Edition, Chapter 37
15			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
16			Milk Fat	AOAC 932.06
17		Food Specifications	Fat %	AOAC Official Method 996.06 (2008)
18			Ash	AOAC Official Method 920.153 (2005), 923.03 (2005) & 930.30 (2005)
19			Carbohydrate by Calculation	Ugene Lab MM9-9, Rev A
20			Moisture	AOAC Official Method 950.46 (2008)
21			Water Activity	ISO 18787:2017
22	Fats and Oil	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF

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				AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
23		Microbiological Indicators	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
24	Faecal Coliform Count		FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)	
25	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
26		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
27			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM

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28		Food Specifications	Cholesterol	AOAC Official Method 994.10 (2008)
29	Nuts and Related Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
30			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
31			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
32			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
33			Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count
34		Salmonella spp.		FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017

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		Pathogens, Parasites & Toxins		AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
35			Shigella spp.	CMMEF 4th Edition, Chapter 37
36			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
37	Fruits and Vegetables	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
38			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
39			Enterobacteriaceae Count	CMMEF 5th Edition, Chapter 9 ISO 21528-2: 2017 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
40			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
41			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC

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				AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
42		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
43	E. coli O157: H7		AOAC 2000.14 (2008)	
44	Listeria monocytogenes		FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017	
45	Norovirus (Genotype I & II)		Ugene Lab MM10-4 Rev C, MM10-5 Rev B and MM10-6 Rev A	
46	Salmonella spp.		FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM	
47	Shigella spp.		CMMEF 4th Edition, Chapter 37	
48	Vibrio cholerae		FDA / BAM Online May 2004, Chapter 9	
49	Vibrio fluvialis		FDA / BAM Online May 2004, Chapter 9	
50	Vibrio parahaemolyticus Count		Ugene Lab MM 8-3, Rev. A	
51	Vibrio vulnificus		FDA / BAM Online May 2004, Chapter 9	

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52	Cocoa Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
53			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
54			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
55			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
56		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
57			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802

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		Pathogens, Parasites & Toxins		Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
58			Shigella spp.	CMMEF 4th Edition, Chapter 37
59			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
60		Food Specifications	Fat %	AOAC Official Method 996.06 (2008)
61			Moisture	AOAC Official Method 950.46 (2008)
62	Meat and Meat Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
63			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
64			Enterobacteriaceae Count	CMMEF 5th Edition, Chapter 9 ISO 21528-2: 2017 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
65			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)

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66		Pathogens, Parasites & Toxins	Clostridium perfringens	ISO 7937:2004 Ugene La MM 8-6 (Rev B)		
67			Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)		
68			E. coli O157: H7	AOAC 2000.14 (2008)		
69			E. coli O157: H7 (Confirmation of positive results)	AOAC 2000.14 (2008)		
70			Listeria monocytogenes	Ugene Lab MM 2-5: Rev. D FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017		
71			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM		
72			Shigella spp.	CMMEF 4th Edition, Chapter 37		
73			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9		
74			Fish and Seafood Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)

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75		Microbiological Indicators	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
76	Enterobacteriaceae Count		CMMEF 5th Edition, Chapter 9 ISO 21528-2: 2017 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)	
77	Faecal Coliform Count		FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)	
78	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
79		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
80			Listeria monocytogenes	Ugene Lab MM 2-5: Rev. D FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017

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81	Egg and Egg Based Products	Pathogens, Parasites & Toxins	Norovirus (Genotype I & II)	Ugene Lab MM10-4 Rev C, MM10-5 Rev B and MM10-6 Rev A		
82			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM		
83			Shigella spp.	CMMEF 4th Edition, Chapter 37		
84			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9		
85			Vibrio fluvialis	FDA / BAM Online May 2004, Chapter 9		
86			Vibrio parahaemolyticus Count	Ugene Lab MM 8-3, Rev. A		
87			Vibrio vulnificus	FDA / BAM Online May 2004, Chapter 9		
88			Egg and Egg Based Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
89					E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)

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90		Microbiological Indicators	Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
91	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
92		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
93	Listeria monocytogenes		Ugene Lab MM 2-5: Rev. D FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017	
94	Salmonella Enteritidis		Ugene Lab MM 8-2, Rev A	
96	Salmonella spp.		FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM	
96	Serotyping Salmonella Enteritidis		Ugene Lab MM 8-2, Rev A	
97	Shigella spp.		CMMEF 4th Edition, Chapter 37	
98	Vibrio cholerae		FDA / BAM Online May 2004, Chapter 9	

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99	Sweeteners	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
100			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
101			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
102			Mould Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002
103			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)

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104		Microbiological Indicators	Yeast Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002
105		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
106			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
107	Flour, Improvers and Related Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
108			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC

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				109108AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
109		Microbiological Indicators	Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
110			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
111		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 I ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
112		Food Specifications	Moisture	AOAC Official Method 950.46 (2008)
113	Grain Based Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
114			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC

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				AOAC PT 110402 ISO16649-2:2001 (Manual & Robotic) Ugene 117Lab MM 8-6 (Rev B)
115		Microbiological Indicators	Faecal Coliform Count	FDA / BAM118 Online October 2020, Chapter 4 (Manual & Rob119otic) ISO 4832:2006 (E)120 (Manual & Robotic)
116	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
117	Coagulase Positive Staphylococcus aureus Count		FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)	
118		Pathogens, Parasites & Toxins	Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
119	Shigella spp.		CMMEF 4th Edition, Chapter 37	
120	Vibrio cholerae		FDA / BAM Online May 2004, Chapter 9	
121	Confectionery and Bakery Products	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF

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				AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
122		Microbiological Indicators	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
123			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
124			Mould Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002
125			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
126			Yeast Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR

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				AOAC PT 092002
127		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
128			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
129			Shigella spp.	CMMEF 4th Edition, Chapter 37
130			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
131			Sauces, Seasonings, Soup, Spices and Related Products	Microbiological Indicators
132	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)		

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133		Microbiological Indicators	Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
134	Mould Count		FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002	
135	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
136	Vibrio parahaemolyticus		FDA / BAM Online May 2004, Chapter 9 Ugene Lab MM 8-3, Rev. A	
137	Yeast Count		FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002	
138		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA / BAM Online October 2020 Chapter 14 ISO 7932: 2004 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
139	Coagulase Positive Staphylococcus aureus Count		FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic)	

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S/N	Food Category	Area	Test Parameter	Standard Reference Method/ In-house Method No./ Equipment/ Technique	
140		Pathogens, Parasites & Toxins	Listeria monocytogenes	Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)	
141				FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017	
142				FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM	
143				Shigella spp.	CMMEF 4th Edition, Chapter 37
144				Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
145		Food Specifications	Moisture	AOAC Official Method 950.46 (2008)	
145	Food Supplements	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)	
146			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)	

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147		Microbiological Indicators	Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
148	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
149		Pathogens, Parasites & Toxins	Bacillus cereus Count	FDA / BAM Online October 2020 Chapter 14 ISO 7932: 2004 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
150	Coagulase Positive Staphylococcus aureus Count		FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)	
151	Salmonella spp.		FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM	
152	Shigella spp.		CMMEF 4th Edition, Chapter 37	
153	Vibrio cholerae		FDA / BAM Online May 2004, Chapter 9	

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154	Bottled Water	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
155			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
156			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
157			Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
158		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
159			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802

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		Pathogens, Parasites & Toxins		Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
160			Shigella spp.	CMMEF 4th Edition, Chapter 37
161			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
162	Tea	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)
163			E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
164			Faecal Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)
165			Mould Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002

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166		Microbiological Indicators	Total Colony Count / Aerobic Plate Count @ 30/35°C	FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)
167			Yeast Count	FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002
168		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
169			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
170	Beverages	Microbiological Indicators	Coliform Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry CF AOAC PT 110401 ISO 4832:2006 (Manual & Robotic)

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171		Microbiological Indicators	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
172	Faecal Coliform Count		FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) ISO 4832:2006 (E) (Manual & Robotic)	
173	Mould Count		FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002	
174	Total Colony Count / Aerobic Plate Count @ 30/35°C		FDA / BAM Online January 2001, Chapter 3 (Manual or Robotic) Nissui Compact Dry TC AOAC PT 010404 ISO 4833-1:2013 (E) (Manual and Robotic)	
175	Yeast Count		FDA / BAM Online January 2001, Chapter 18 3M Petrifilm Rapid Yeast & Mould AOAC 2014.05 ISO 21527-1: 2008 (Manual and Robotic) ISO 21527-2: 2008 (Manual and Robotic) Nissui Compact Dry YMR AOAC PT 092002	

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176		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus Count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
177	Listeria monocytogenes		FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017	
178	Salmonella spp.		FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM	
179	Shigella spp.		CMMEF 4th Edition, Chapter 37	
180	Vibrio cholerae		FDA / BAM Online May 2004, Chapter 9	
181	Salmonella Enteritidis		Ugene Lab MM 8-1 & 8-2, Rev. B	
182	Swabs from Poultry and Farm Environment	Pathogens, Parasites & Toxins	Salmonella spp.	Ugene Lab MM8-1, Rev. B FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802
183	RTE	Microbiological Indicators	E. coli Count	FDA / BAM Online October 2020, Chapter 4 (Manual & Robotic) Nissui Compact Dry EC AOAC PT 110402 ISO 16649-2:2001 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)

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184		Microbiological Indicators	Enterobacteriaceae Count	CMMEF 5th Edition, Chapter 9 ISO 21528-2: 2017 (Manual & Robotic) Ugene Lab MM 8-6 (Rev B)
185			Total Colony Count / Aerobic Plate Count @ 30/35°C	ISO 4833-1:2013 (E) (Manual & Robotic)
186		Pathogens, Parasites & Toxins	Coagulase Positive Staphylococcus aureus count	FDA / BAM Online March 2016, Chapter 12 (Manual & Robotic) Nissui Compact Dry X-SA AOAC PT 081001 ISO 6888-1: 2021 (Manual and Robotic) Ugene Lab MM 8-6 (Rev B)
187			Escherichia coli O157:H7 (with serotype confirmation)	AOAC 2000.14 (2008)
188			Listeria monocytogenes	FDA / BAM Online April 2022, Chapter 10 Solus ELISA AOAC PT 041601 ISO 11290-1: 2017
189			Norovirus (Genotype I & II)	Ugene Lab MM10-4 Rev C, MM10-5 Rev B and MM10-6 Rev A
190			Salmonella spp.	FDA / BAM September 2023, Chapter 5 ISO 6579-1: 2017 AOAC PT 120802 Solus ELISA AOAC PT 051601 Solus One EIA AOAC PT 101801 AOAC First Action Official Methods SM
191			Vibrio cholerae	FDA / BAM Online May 2004, Chapter 9
192			Vibrio fluvialis	FDA / BAM Online May 2004, Chapter 9
193		Vibrio parahaemolyticus Count	Ugene Lab MM 8-3, Rev. A	

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194			Vibrio vulnificus	FDA / BAM Online May 2004, Chapter 9