

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	1 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. FOOD AND AGRICULTURAL PRODUCTS				
1.	Tea	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)/	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	2 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Tea	Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/ 25 g
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004/	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition: 2001- Chapter 23	≥ 10 cfu/g
2.	Coffee & Cocoa products	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527: (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999 (RA 2005)/ ISO 21527: (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	3 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Coffee & Cocoa products	Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Listeria SP	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/ 25 g
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g
3.	Fish & Fishery Products (All Raw/Frozen Fish & Fish Products)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	4 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fish & Fishery Products (All Raw/Frozen Fish & Fish Products)	Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4 /ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Vibrio Cholerae	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/ 25 g
		Detection Of Vibrio Parahemolyticus	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/ 25 g
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	5 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Fish & Fishery Products (All Raw/Frozen Fish & Fish Products)	Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Former	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g m
		Lactic Acid Bacteria	ISO 15214: 1998	≥ 10 cfu/g
	Meat & Meat Products (Frozen Meat, Canned meat ,Canned Luncheon/Canned Cooked Ham/ Canned Chopped Meat/ Canned Chicken/ Canned Mutton and Goat Meat,)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
	Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4 /ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g	
	Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g	

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	6 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Meat & Meat Products (Frozen Meat, Canned meat ,Canned Luncheon/Canned Cooked Ham/ Canned Chopped Meat/ Canned Chicken/ Canned Mutton and Goat Meat,)	Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g
		Detection Of Vibrio Cholerae	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/ 25 g
		Detection Of Vibrio Parahaemolyticus	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/ 25 g
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/ 25 g
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Former	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g
	Lactic Acid Bacteria	ISO 15214: 1998	≥ 10 cfu/g	

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	7 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
5.	Milk & Dairy Products (Milk, Pasteurized milk, Ice cream, UHT milk, Processed Baby Food, Milk powder, SMP, Cheese, Butter, Ghee, Paneer, Khoa, Kheer, Dahi)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 1 cfu/ml or ≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g or ≥ 1 cfu/ml
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g or ≥ 1 cfu/ml
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 1 cfu/ml or ≥ 10 cfu/g or Qualitative (Present/ Absent)/g/ml
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 1 cfu/ml or ≥ 10 cfu/g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 1 cfu/ml or ≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25g/ml.
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25g/ml.

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	8 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Milk & Dairy Products (Milk, Pasteurized milk, Ice cream, UHT milk, Processed Baby Food, Milk powder, SMP, Cheese, Butter, Ghee, Paneer, Khoa, Kheer, Dahi)	Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004/ IS 5887-6: 1999 (RA 2005)	≥1 cfu/ml or ≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥1 cfu/ml or ≥ 10 cfu/g
		Lactic Acid Bacteria	ISO 15214: 1998	≥ 10 cfu/g or ≥ 1 cfu/ml
		Detection Of Vibrio Cholerae	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/ 25 g/ml
		Detection Of Vibrio Parahemolyticus	FDA-BAM (8 th Edition): 2001 Chapter 9/ ISO 21872 (Part 1): 2007	Qualitative (Present/Absent)/25g/ml.
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25g/ml.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g or ≥ 1 cfu/ml
6.	Oils & Oleoresins Edible Oils & Fats (including butter, ghee)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g or ml.
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g or ml.

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	9 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Oils & Oleoresins Edible Oils & Fats (including butter, ghee)	Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g or ml.
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g or ml. or Qualitative (Present/ Absent)/g/ml
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g or ml.
		Staphylococcus Aureus Count	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g or ml.
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6 /ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25g/ml.
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25g/ml.
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25g/ml.
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g or ml.
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g or ml.

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	10 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Oils & Oleoresins Edible Oils & Fats (including butter, ghee)	Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥1 cfu/ml or ≥10 cfu/g
		Lactic Acid Bacteria	ISO 15214: 1998	≥1 cfu/ml or ≥10 cfu /g
7.	Alcoholic & Non alcoholic Beverages (Carbonated beverages, hot chocolate, Vending Mix)	Total Aerobic Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 1 cfu/ ml
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 1 cfu/ml or Qualitative (Present/Absent)/ ml
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4832: 2006 (E)	≥ 1 cfu/ml
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 ml.
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 ml.
		Staphylococcus Aureus Count	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 1 cfu/ml
	Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 ml.	

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	11 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Alcoholic & Non alcoholic Beverages (Carbonated beverages, hot chocolate, Vending Mix)	Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 1 cfu/ ml.
		Yeast & Mold Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 1 cfu/ml
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 1 cfu/ml
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 1 cfu/ml
		Lactic Acid Bacteria	ISO 15214: 1998	≥ 1 cfu/ml
8.	Bakery & confectionery products (Biscuits, Bread, Cakes, Cookies, Pizza, French Loaves, Cream Biscuit, Left-over Cream & Dough / left-over floor-sweep)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g.
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g. or Qualitative (Present/Absent)/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	12 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Bakery & confectionery products (Biscuits, Bread, Cakes, Cookies, Pizza, French Loaves, Cream Biscuit, Left-over Cream & Dough / left-over floor-sweep)	Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g
		Lactic Acid Bacteria	ISO 15214: 1998	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	13 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
9.	Cereals, pulses & cereals products (Black Matpe/Green Peas /Chick Peas/Toor/Green Moong/ Red Lentils/ Green Moongs/ Wheat/ Wheat flour/Maize/Rice/ Barley/Dough Mix/ Cold Dough Premix)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g.
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	14 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Cereals, pulses & cereals products (Black Matpe/Green Peas /Chick Peas/Toor/Green Moong/ Red Lentils/ Green Moongs/ Wheat/ Wheat flour/Maize/Rice/ Barley/Dough Mix/ Cold Dough Premix)	Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)/ IS 5887-4: 1999	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g m
10.		Fruits & Fruit products, Vegetables Raw & Processed products (All Fresh Fruits, Almond, Dates, Nuts, Tomato paste/ Tomato Powder, Tomato Sauce, Grape Juice, Fresh Mango, Fruit Drink, Fruit/Vegetable juice (Juice Concentrate), Ice Cool Baby Corn, Mushroom, Fruit infusions, Canned fruit or vegetable products)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)
	Yeast Count		FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g or ≥1 cfu/ml
	Mould Count		FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2) : 2008	≥ 10 cfu/g or ≥ 1 cfu/ml
	Escherichia Coli Count		FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g/ ≥ 1 cfu/ml or Qualitative(Present/ Absent)/g or ml
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ JISO 4832: 2006 (E)	≥ 10 cfu/gor ≥1 cfu/ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	15 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fruits & Fruit products, Vegetables Raw & Processed products (All Fresh Fruits, Almond, Dates, Nuts, Tomato paste/ Tomato Powder, Tomato Sauce, Grape Juice, Fresh Mango, Fruit Drink, Fruit/Vegetable juice (Juice Concentrate), Ice Cool Baby Corn, Mushroom, Fruit infusions, Canned fruit or vegetable products)	Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/gor ≥1 cfu/ml
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g.
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g.
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)/ IS 5887-4: 1999	≥ 10 cfu/g or ≥1 cfu/ml
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/gor ≥1 cfu/ml
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 14	≥ 10 cfu/g
	Lactic Acid Bacteria	ISO 15214: 1998	≥ 10 cfu/g	
11.	Herbs, spices & condiments (Saffron, Split cassia, Cloves, Mace, Garlic Powder, Seasoning powder)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g.
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	16 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Herbs, spices & condiments (Saffron, Split cassia, Cloves, Mace, Garlic Powder, Seasoning powder)	Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/gor Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g.
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g.
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)/ IS 5887-4: 1999	≥ 10 cfu/g.

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	17 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Herbs, spices & condiments (Saffron, Split cassia, Cloves, Mace, Garlic Powder, Seasoning powder)	Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g
12.	Nuts & Nuts Products (Cashew Nuts / Raw Cashew Nuts)	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g.
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/gor Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 4832: 2006 (E)	≥ 10 cfu/g.
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	18 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Nuts & Nuts Products (Cashew Nuts / Raw Cashew Nuts)	Detection of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g.
		Detection of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g.
		Detection of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g.
II.	ANIMAL FOOD & FEED			
1.	Animal Feeds	Total Plate Count	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4833: 2003 (E)	≥ 10 cfu/g
		Yeast Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g
		Mould Count	FDA-BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1995 (RA 2005)/ ISO 21527 (Part 2): 2008	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	19 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Animal Feeds	Detection Of Shigella Sp	FDA-BAM (8 th Edition): 2001 Chapter 6/ ISO 21567: 2004 (E)	Qualitative (Present/Absent)/25 g.
		Detection Of Listeria Sp	FDA-BAM (8 th Edition): 2001 Chapter 10/ ISO 11290-1: 1996 (E)	Qualitative (Present/Absent)/25 g.
		Escherichia Coli Count	FDA-BAM (8 th Edition): 2001 Chapter 4/ ISO 7251: 2005 (E)	≥ 10 cfu/g or Qualitative (Present/Absent)/g
		Total Coliforms Counts	FDA-BAM (8 th Edition): 2001 Chapter 3/ ISO 4832: 2006 (E)	≥ 10 cfu/g
		Staphylococcus Aureus	FDA-BAM (8 th Edition): 2001 Chapter 12/ ISO 6888: 1999/Amd. 1: 2003	≥ 10 cfu/g
		Detection Of Salmonella Sp.	FDA-BAM (8 th Edition): 2001 Chapter 5/ ISO 6579: 2002 (E)	Qualitative (Present/Absent)/25 g.
		Clostridium Perfringens Count	FDA-BAM (8 th Edition): 2001 Chapter 16/ ISO 7937: 2004 (E)/	≥ 10 cfu/g
		Bacillus Cereus	FDA-BAM (8 th Edition): 2001 Chapter 14/ ISO 7932: 2004/	≥ 10 cfu/g
		Anaerobic Spore Formers	APHA Food (4 th Edition) Chapter 23	≥ 10 cfu/g

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	20 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
III. WATER				
1.	Water (Drinking Water/ Packaged Drinking Water/ Packaged Natural Mineral Water/Potable Water/ Bore well Water)	Total Coliforms Count	APHA (22 nd Edition) 9221 B: 2012 / IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN) /100 ml.
		Total Coliforms	APHA (22 nd Edition) 9221 D: 2012 / IS 1622: 1981 (RA2003)/ ISO 9308-1: 2014/ IS 15185: 2002	Qualitative (Present/Absent)/100 ml or Qualitative (Present/Absent)/250 ml/
		Fecal Coliforms	APHA (22 nd Edition): 2012 (9221 E)/ IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/100 ml
		Fecal Coliforms Count	APHA (22 nd Edition): 2012 (9221 E)/ IS 1622: 1981 (RA 2003)	< 1.8 to ≥ 1600 MPN/100ml
		E .Coli Count	IS 5887-1: 1976 (RA 2005)/ IS 1622: 1981 (RA 2003)	(< 1.8 MPN to ≥ 1600 MPN)/100 ml
		E .Coli	APHA (22 nd Edition): 2012 (9221 F) ISO 9308-1: 2014/ IS 5887-1: 1976 (RA 2005)/ IS 15185: 2002/ IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/250 ml or Qualitative (Present/Absent)/100 ml
		E .Coli Count	EPA 1603: 2001	(< 1.8 MPN to ≥ 1600 MPN)/100 ml ≥1cfu/100 ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	21 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Water (Drinking Water/ Packaged)	Aerobic Microbial Count At 22°C And 37° C	ISO 6222: 1999 / IS1622: 1981 (RA 2003)	≥1 cfu/ml
	Drinking Water/ Packaged Natural Mineral Water/Potable Water/ Bore well Water)	Fecal Steptococci	IS 5887 (Part 2): 1976 (RA 2000) / IS 15186: 2002	Qualitative (Present/Absent)/250 ml
		S. Aureus	IS 5887 (Part 2): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Sulfite Reducing Anerobes	IS 13428: 2005 (Annexure C)	Qualitative (Present/Absent)/250 ml
		Pseudomonas Aeroginosa	IS 13428: 2005 (Annexure D)	Qualitative (Present/Absent)/250 ml
		Salmonella Spp	IS 15187: 2002	Qualitative (Present/Absent)/250 ml
		Shigella Sp	IS 5887 (Part 7): 1999	Qualitative (Present/Absent)/250 ml
		Vibrio Cholera	IS 5887 (Part 5): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Vibrio Parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Yeast And Mould	IS 5403: 1999 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Proteolytic & Lipolytic Organism	IS 4251: 1992 (Appendix A)	≥1 cfu/ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	22 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Water (Drinking Water/ Packaged Drinking Water/ Packaged Natural Mineral Water/Potable Water/ Bore well Water)	Fecal Streptococcus	APHA (22 nd Edition) 9230 B: 2012 / IS:1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		Slime-Forming Organisms	IS:1622: 1981 (RA 2003)	Qualitative (Presence/Absence)
2.	Marine/Sea Water	Phyto Plankton	APHA (22 nd Edition) (Method. 10200 F)	20 no/ml to 120 no/ml
		Zooplanktons	APHA (22 nd Edition) (Method. 10200 G)	10 no/ml to 30 no/ml.
		Aerobic Microbial Count At 22 And 37 Deg C	ISO 6222: 1999 / IS1622: 1981 (RA 2003)/	≥1 cfu/ml
		Total Coliforms Count	APHA (22 nd Edition) 9221 B: 2012 / IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		Total Coliforms	APHA (22 nd Edition): 2012 (9221 D)/ IS 1622: 1981 (RA 2003)/ ISO 9308-1: 2014/ IS 15185: 2002	Qualitative (Present/Absent)/100 ml or Qualitative (Present/Absent)/250 ml/
		Fecal Coliforms	APHA (22 nd Edition): 2012 (9221 E)/ IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/100 ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	23 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Marine/Sea Water	Fecal Coliforms Count	APHA (22 nd Edition): 2012 (9221 E)/ IS 1622: 1981 (RA 2003)	(< 1.8 MPN to ≥ 1600 MPN)/100 ml
		E .Coli Count	IS 5887-1: 1976 (RA 2005)/ IS 1622: 1981 (RA 2003)	(< 1.8 MPN to ≥ 1600 MPN)/100 ml
		E .Coli	APHA (22 nd Edition) 9221 F: 2012 ISO 9308-1: 2014/ IS 5887-1: 1976 (RA 2005)/ IS 15185: 2002/ IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/250 ml or Qualitative (Present/Absent)/100 ml
		E .Coli Count	EPA 1603: 2001	(< 1.8 MPN to ≥ 1600 MPN)/100 ml ≥1 cfu/100 ml
		Fecal Steptococci	IS 5887 (Part 2): 1976 (RA 2000) / IS 15186: 2002	Qualitative (Present/Absent)/250 ml
		Salmonella Spp	IS 15187: 2002	Qualitative (Present/Absent)/250 ml
		Shigella Sp	IS 5887 (Part 7): 1999	Qualitative (Present/Absent)/250 ml
		Vibrio Cholera	IS 5887 (Part 5: 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Vibrio Parahaemolyticus	IS 5887 (Part 5: 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	24 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
IV. ENVIRONMENT AND POLLUTION				
1.	Waste Water (Food Industry Water/ Process Water/ Industrial Effluent/ Sewage Water)	Total Coliforms Count	APHA (22 nd Edition) 9221 B: 2012 / IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		Total Coliforms	APHA (22 nd Edition) 9221 D: 2012 / IS 1622: 1981 (RA 2003)/ ISO 9308-1: 2014/ IS 15185: 2002	Qualitative (Present/Absent)/100 ml or Qualitative (Present/Absent)/250 ml/
		Fecal Coliforms	APHA (22 nd Edition) 9221 E: 2012 / IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/100 ml
		Fecal Coliforms Count	APHA (22 nd Edition): 2012 (9221 E)/ IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		E .Coli Count	IS 5887-1: 1976 (RA 2005)/ IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		E .Coli	APHA (22 nd Edition) 9221 F: 2012 ISO 9308-1: 2014/ IS 5887-1: 1976 (RA 2005)/ IS 15185: 2002/ IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/250 ml or Qualitative (Present/Absent)/100 ml
		E .Coli Count	EPA 1603: 2001	(<1.8 MPN to >1600 MPN)/100 ml. ≥1cfu/100ml
		Aerobic Microbial Count at 22°C and 37° C	ISO 6222: 1999 / IS1622: 1981 (RA 2003)	≥1 cfu/ml

Laboratory	SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria, Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	28.11.2015
Certificate Number	T-0290	Valid Until	27.11.2017
Last Amended on	05.02.2016	Page	25 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Waste Water (Food Industry Water/ Process Water/ Industrial Effluent/ Sewage Water)	Fecal Steptococci	IS 5887 (Part 2): 1976 (RA 2000) / IS 15186: 2002	Qualitative (Present/Absent)/250 ml
		S. Aureus	IS 5887 (Part 2): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Sulfite Reducing Anerobes	IS 13428: 2005 (Annexure C)	Qualitative (Present/Absent)/250 ml
		Pseudomonas Aeruginosa	IS 13428: 2005 (Annexure D)	Qualitative (Present/Absent)/250 ml
		Salmonella Spp	IS 15187: 2002	Qualitative (Present/Absent)/250 ml
		Shigella Sp	IS 5887 (Part 7): 1999	Qualitative (Present/Absent)/250 ml
		Vibrio Cholera	IS 5887 (Part 5): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Vibrio Parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2000)	Qualitative (Present/Absent)/250 ml
		Yeast And Mould	IS 5403: 1999 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Proteolytic & Lipolytic Organism	IS 4251: 1992 (Appendix A)	≥1 cfu/ml
		Fecal Streptococcus	APHA (22 nd Edition): 2012 (9230 B)/ IS 1622: 1981 (RA 2003)	(<1.8 MPN to >1600 MPN)/100 ml.
		Slime-Forming Organisms	IS 1622: 1981 (RA 2003)	Qualitative (Present/Absent)/ ml

Laboratory SGS India Private Limited, CS Plot-512(P), Mouza-Hanspukuria,
 Diamond Harbour Road, Dist. South 24 Parganas, Kolkata, West Bengal
Accreditation Standard ISO/IEC 17025: 2005
Discipline Biological Testing **Issue Date** 28.11.2015
Certificate Number T-0290 **Valid Until** 27.11.2017
Last Amended on 05.02.2016 **Page** 26 of 26

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Soil	Heterotrophic Plate Count	APHA (22 nd Edition) 9215 B: 2012	≥10 cfu /g
		Total Coliforms	APHA (22 nd Edition) 9221 B: 2012	(<1.8 MPN to >1600 MPN)/100 ml.
		Escherichia Coli Count	IS 5887 (Part 1): 1976 (RA 2005)	≥10 cfu /g
		Total Coliforms Counts	IS 5401 (Part 1): 2002	≥10 cfu /g

-X-X-X-X-X-X-X-X-X-X-X-X-X-