P			SMS Labs Services Private Limited, 39/6, Thiruvallur High Road, Puduchathram Post, Thirumazhisai Via, Poonamlle Taluk, Chennai, Tamil Nadu			
Ассі	reditation Standar	d ISO/IEC 17025: 2005				
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I.	FOOD & AGRICUL	TURAL PRODUCTS				
1.	Milk and milk Products: (Skimmed Milk Powder, Cheese, Curd, Flavoured Milk, Milk, Butter, Dairy Whitener, Infant Milk Substitutes)	Total Plate Count	IS 5402: 2012 ISO 4833: 1991	$\geq 10 \text{ cfu}/m$ $\geq 1 \text{ cfu}/m$		
			USFDA (BAM) Chapter 3, 20	$\begin{array}{ll} 001 & \geq 10 \ \mathrm{cfu} \\ \geq 1 \ \mathrm{cfu} / \mathrm{m} \end{array}$		
		Coliform count	Enumeration Method: IS 5401 (Part 1): 2012/ ISO 4832: 2006	≥10 cfu/	g 5	
			Enumeration Method: USFDA (BAM) Chapter 4, 20	$ \ge 1 \text{ cfu/m} \\ \ge 10 \text{ cfu/} $		
			MPN method: IS 5401 (Part 2): 2012/ ISO 4831: 2006	or ml; Qualitati	N to 110 MPN)/g ve 'Absent)/g or ml	
			MPN method: USFDA (BAM) Chapter 4, 20		N to 110 MPN)/g	
		E.coli	Enumeration Method: IS 5887 (Part 1): 1976 (RA 2009)	$\geq 10 \text{ cfu}/m$ $\geq 1 \text{ cfu/m}$		
			Enumeration Method: USFDA (BAM) Chapter 4, 20	$ \begin{array}{l} \geq 10 \ \mathrm{cfu} / \mathrm{m} \\ \geq 1 \ \mathrm{cfu} / \mathrm{m} \end{array} $		
			MPN method: IS 5887 (Part 1): 1976 (RA 2009)	(0.3 MP) or ml	N to 110 MPN)/g	
			MPN method: USFDA (BAM) Chapter 4, 20		to 1100 MPN)/g	

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	Milk and milk Products: (Skimmed Milk Powder, Cheese, Curd, Flavoured Milk, Milk, Butter, Dairy Whitener, Infant Milk Substitutes)	Detection method	ISO 7251: 2005	Qualitat (Present	ive /Absent)/25g/ ml	
		S.aureus:	Enumeration Method: IS 5887 (Part 2): 1976 (RA 2009)	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu/m}/2$		
			Enumeration Method: USFDA (BAM) Chapter 12, 2001	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu/m}/2$		
			MPN method USFDA (BAM) Chapter 12, 2001	3 MPN/	g to 1100 MPN/g	
		Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitat (Present	ive /Absent) /25g/ ml	
			USFDA (BAM) Chapter 5, 20		ive /Absent)/25g/ ml	
		Shigella spp	IS 5887 (Part 7): 1999 (RA 2009)	Qualitat (Present	ive /Absent)/25g / ml	
			USFDA (BAM) Chapter 6, 20		ive /Absent)/25g/ ml	
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu}/2$		
			USFDA (BAM) Chapter 18, 2001	≥100 cft ≥10 cfu/		

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v	Fruits and Vegetables	Total plate count	IS 5402: 2012 ISO 4833: 2003	$\geq 10 \text{ cfu}/s$	g	
	(Raw, Processed, Frozen, Canned, Semi processed		USFDA (BAM) Chapter 3, 20	$\geq 10 \text{ cfu}/2$	g	
	and Ready to Eat Foods)	Coliform count:	Enumeration Method: IS 5401 (Part 1): 2012/ ISO 4832: 2006	$\geq 10 \text{ cfu}/s$	g	
			Enumeration Method: USFDA (BAM) Chapter 4, 20	$\geq 10 \text{ cfu}/2$	g	
			MPN method: IS 5401 (Part 2): 2012 ISO 4831: 2006	Qualitati	I/g to 110 MPN/g: ve 'Absent)/g	
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g	
		E.coli:	Enumeration Method: IS 5887 (Part 1): 1976 (RA 2009)	$\geq 10 \text{ cfu}/s$	g	
			Enumeration Method: USFDA (BAM) Chapter 4, 20	$\geq 10 \text{ cfu}/2$	g	
			MPN method: IS 5887 (Part 1): 1976 (RA 2009)	0.3 MPN	I/g to 110 MPN/g	
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g	

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Fruits and Vegetables	E.coli Detection method	ISO 7251: 2005	Qualitat (Present	ive /Absent)/25 g
(Raw, Processed, Frozen, Canned,	Faecal coliforms	USFDA (BAM) Chapter 4, 200	02 3 MPN/	g to 1100 MPN/g
Semi processed and Ready to Eat Foods)	S.aureus:	Enumeration Method: IS 5887 (Part 2): 1976 (RA 2009)	$\geq 10 \text{ cfu}/$	g
		Enumeration Method: USFDA (BAM) Chapter 12, 2001	$\geq 10 \text{ cfu}/$	g
		MPN method: USFDA (BAM) Chapter 12, 2001	3 MPN/	g to 1100 MPN/g
	Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitat (Present	ive /Absent)/25 g
		USFDA (BAM) Chapter 5, 201		ive /Absent)/25 g
	Shigella spp	USFDA (BAM) Chapter 6, 201		ive /Absent)/25 g
		IS 5887 (Part 7): 1999 (RA 2009)	Qualitat (Present	ive /Absent)/25 g
	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/25 g
		USFDA (BAM) Chapter 9, 200		ive /Absent)/25 g

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	Vegetables (Raw, Processed, Frozen, Canned, Semi processed and Ready to Eat	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/25 g
			USFDA (BAM) Chapter 9, 20		ive /Absent)/50 g
		Bacillus cereus:	Enumeration method: IS 5887 (Part 6): 2012	$\geq 10 \text{ cfu}/$	g
			Enumeration method: USFDA (BAM) Chapter 14, 2001	$\geq 10 \text{ cfu}/$	g
			MPN method: USFDA (BAM) Chapter 14, 2001	3 MPN/	g to 1100 MPN/g
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/$	g
			USFDA (BAM) Chapter 18, 2001	≥100 cft	ı/g
3.	Carbonated Beverages, Fruit Drinks	Total plate count	IS 5402: 2012/ ISO 4833: 2003	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu/n}$	
	Drinks		USFDA (BAM) Chapter 3, 20	$\begin{array}{l} 01 \geq 10 \ \mathrm{cfu} \\ \geq 1 \ \mathrm{cfu} / \mathrm{n} \end{array}$	

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	Carbonated Beverages, Fruit Drinks	Coliform count:	Enumeration Method: IS 5401 (Part 1): 2012 ISO 4832: 2006	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu}/2$	
			Enumeration Method: USFDA (BAM) Chapter 4, 20	$ \begin{array}{l} \geq 10 \ \mathrm{cfu} \\ 002 \geq 1 \ \mathrm{cfu/m} \end{array} $	
			MPN method: IS 5401 (Part 1): 2012 ISO 4832: 2006	Qualitati	V/g to 110 MPN/g ive /Absent)/g
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/2$ $\geq 1 \text{ cfu/n}/2$	
			USFDA (BAM) Chapter 18, 2001	≥100 cft ≥10 cfu/	
4.	Meat Products and Sea foods Shrimp /	Total plate count	IS 5402: 2012 ISO 4833: 2003	$\geq 10 \text{ cfu}/$	g
	Prawn / Fish / Chicken / Mutton /		USFDA (BAM) Chapter 3, 20	$\geq 10 \text{ cfu}/$	g
	Pork / Beef (Raw and Frozen Cooked)	Coliforms	Enumeration Method: IS 5401 (Part 1): 2012 ISO 4832: 2006	≥10 cfu/	g
			Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g
			MPN method : IS 5401 (Part 2): 2012/ ISO 4831: 2006	Qualitati	V/g to 110 MPN/g ve /Absent)/g
			MPN method : USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g

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Meat Products and Sea foods Shrimp / Prawn / Fish /	E.coli	Enumeration: IS 5887 (Part 1): 1976 (RA 2009)	≥10 cfu/	g	
Chicken / Mutton / Pork / Beef (Raw and Frozen		Enumeration: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g	
Cooked)		MPN method (Thermo tolerant Coliforms): IS 5887 (Part 1): 1976 (RA 2009)		V/g to 110 MPN/g	
	E.coli Detection method	ISO 7251: 2005	Qualitat (Present	ive /Absent)/25 g	
	Faecal coliforms	USFDA (BAM) Chapter 4, 20	002 3 MPN/	g to 1100 MPN/g	
	S.aureus	Enumeration Method : IS 5887 (Part 2): 1976 (RA 2009)	≥10 cfu/	g	
		Enumeration Method : USFDA (BAM) Chapter 12, 2001	≥10 cfu/	g	
		MPN method: USFDA (BAM) Chapter 12, 2001	3 MPN/	g to 1100 MPN/g	
	Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitat (Present	ive /Absent)/25 g	
		USFDA (BAM) Chapter 5, 20		ive /Absent)/25 g	

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Meat Products and Sea foods Shrimp / Prawn / Fish /	Shigella spp	USFDA (BAM) Chapter 6, 201		ive /Absent)/25 g	
Chicken / Mutton / Pork / Beef (Raw and Frozen		IS 5887 (Part 7): 1999 (RA 2009)	Qualitat (Present	ive /Absent)/25 g	
Cooked)	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/25 g	
		USFDA (BAM) Chapter 9, 200		ive /Absent)/25 g	
	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/25 g	
		USFDA (BAM) Chapter 9, 200		ive /Absent)/50 g	
	Bacillus cereus:	Enumeration method: USFDA (BAM) Chapter 14, 2001	≥10 cfu/	g	
		Enumeration method: IS 5887 (Part 6): 2012	$\geq 10 \text{ cfu}/$	g	
		MPN method: USFDA (BAM) Chapter 14, 2001	3 MPN/	g to 1100 MPN/g	
	Clostridum perfringens	USFDA (BAM) Chapter 16, 2001	$\geq 10 \text{ cfu}/$	g	
		IS 5887 (Part 4): 1999 (RA 2009)	$\geq 10 \text{ cfu}/$	g	

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	Meat Products and Sea foods Shrimp / Prawn / Fish /	L.monocytogenes	USFDA (BAM) Chapter 10, 2013	Qualitat (Present	ive /Absent)/25 g
	Chicken / Mutton / Pork / Beef (Raw and Frozen Cooked)	F.streptococci	IS 5887-2: 1976 (RA 2009)	≥10 cfu/	g
5.	Spices and Condiments	Total plate count	IS 5402: 2012 ISO 4833: 2003	≥10 cfu/	g
			USFDA (BAM) Chapter 3, 20	$001 \geq 10 \text{ cfu}$	g
		Coliform count:	Enumeration Method: IS 5401 (Part 1): 2012 ISO 4832: 2006	≥10 cfu/	g
			Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g
			MPN method: IS 5401 (Part 2): 2012/ ISO 4831: 2006	Qualitat	N/g to 110 MPN/g ive /Absent)/g
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g
		E.coli:	Enumeration Method: IS 5887 (Part 1): 1976 (RA 2009)	$\geq 10 \text{ cfu}/$	g
			Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g
			MPN method: IS 5887 (Part 1): 1976 (RA 2009)	0.3 MP1	V/g to 110 MPN/g

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Spices and Condiments	E.coli Detection method	ISO 7251: 2005	Qualitat (Present	ive /Absent)/25 g	
	Faecal coliforms	USFDA (BAM) Chapter 4, 200	02 3 MPN/	g to 1100 MPN/g	
	S.aureus:	Enumeration Method: IS 5887 (Part 2): 1976 (RA 2009)	≥10 cfu/	ģ	
		Enumeration Method: USFDA (BAM) Chapter 12, 2001	≥10 cfu/	g	
		MPN method: USFDA (BAM): 2001 Chapter 12	3 MPN/	g to 1100 MPN/g	
	L.monocytogenes	USFDA (BAM) Chapter 10 2011	Qualitat (Present	ive /Absent)/25 g	
	Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitat (Present	ive /Absent)/25 g	
		USFDA (BAM) Chapter 5, 20		ive /Absent)/25 g	
	Shigella spp	USFDA (BAM) Chapter 6, 202		ive /Absent)/25 g	
		IS 5887 (Part 7): 1999 (RA 2009)	Qualitat (Present	ive /Absent)/25 g	
	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/25 g	
		USFDA (BAM) Chapter 9, 200		ive /Absent)/25 g	

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	Spices and Condiments	Bacillus cereus:	Enumeration method: USFDA (BAM) Chapter 14, 2001	≥10 cfu/	g	
			Enumeration method: IS 5887 (Part 6): 2012	≥10 cfu/	g	
			MPN method: USFDA (BAM) Chapter 14, 2001	3 MPN/	g to 1100 MPN/g	
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/$	g	
			USFDA (BAM) Chapter 18, 2001	≥100 cft	ı/g	
6.	Nut and Nut Products	Total plate count	IS 5402: 2012 ISO 4833: 2003	≥10 cfu/	g	
			USFDA (BAM) Chapter 3, 20	$\geq 10 \text{ cfu}/$	g	
		Coliform:	Enumeration Method: IS 5401 (Part 1): 2012 ISO 4832: 2006	≥10 cfu/	g	
			Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g	
			MPN method: IS 5401 (Part 2): 2012 ISO 4831: 2006	Qualitati	J/g to 110 MPN/g ive /Absent)/g	
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g	

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Nut and Nut Products	E.coli:	Enumeration Method: IS 5887 (Part 1): 1976 (RA 2009)	≥10 cfu/	g
		Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g
		MPN method: IS 5887 (Part 1): 1976 (RA 2009)	0.3 MPN	N/g to 110 MPN/g
		MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g
	E.coli Detection method	ISO 7251: 2005	Qualitati (Present	ive /Absent)/25 g
	Faecal coliforms	USFDA (BAM) Chapter 4, 20	002 3 MPN/	g to 1100 MPN/g
	S.aureus:	Enumeration Method: IS 5887 (Part 2): 1976 (RA 2009)	≥10 cfu/	g
		Enumeration Method: USFDA (BAM) Chapter 12, 2001	≥10 cfu/	g
		MPN method: USFDA (BAM) Chapter 12, 2001	3 MPN/	g to 1100 MPN/g
	Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitati (Present	ive /Absent)/25 g
		USFDA (BAM) Chapter 5, 20		ive /Absent)/25 g

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	Nut and Nut Products	Shigella spp	USFDA (BAM) Chapter 6, 200		ive /Absent)/25 g		
			IS 5887 (Part 7): 1999 (RA 2009)	Qualitati (Present	ive /Absent)/25 g		
		Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitati (Present	ive /Absent)/25 g		
			USFDA (BAM) Chapter 9, 200	-	ive /Absent)/25 g		
		Bacillus cereus	Enumeration method: USFDA (BAM) Chapter 14, 2001	≥10 cfu/	g		
			Enumeration method: IS 5887 (Part 6): 2012	$\geq 10 \text{ cfu}/$	g		
			MPN method: USFDA (BAM) Chapter 14, 2001	3 MPN/	g to 1100 MPN/g		
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/$	g		
			USFDA (BAM) Chapter 18, 2001	≥100 cfi	ı/g		
		L.monocytogenes	USFDA (BAM) Chapter 10, 2013	Qualitati (Present	ive /Absent)/25 g		
7.	Egg and Egg Products	Total plate count	IS 5402: 2012/ISO 4833-2003	$\geq 10 \text{ cfu}/$	g		
	1100000		USFDA (BAM) Chapter 3	≥10 cfu/	g		

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	Egg and Egg Products	Coliform count:	Enumeration Method: IS 5401 (Part 1): 2012 ISO 4832: 2006	≥10 cfu/	g			
			Enumeration Method: USFDA (BAM) Chapter 4, 20	≥10 cfu/	g			
			MPN method: IS 5401 (Part 2): 2012/ ISO 4831: 2006	Qualitati	J/g to 110 MPN/g ive /Absent)/g			
			MPN method: USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g			
		E.coli:	IS 5887 (Part 1): 1976(RA 20	(09) $\geq 10 \text{ cfu}/$	g			
			Enumeration method USFDA (BAM) Chapter 4, 20	≥10 cfu/	g			
			IS 5887 (Part 1): 1976 (RA 2009)	0.3 MPN	N/g to 110 MPN/g			
			MPN method USFDA (BAM) Chapter 4, 20		g to 1100 MPN/g			
		E.coli Detection method	ISO 7251: 2005	Qualitati (Present	ive /Absent)/25 g			
		Faecal coliforms	USFDA (BAM) Chapter 4, 20	002 3 MPN/	g to 1100 MPN/g			

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	Egg and Egg Products	S.aureus:	Enumeration Method: IS 5887 (Part 2): 1976 (RA 2009)	≥10 cfu/	g		
			Enumeration Method: USFDA (BAM) Chapter 12, 2001	$\geq 10 \text{ cfu}/$	g		
			MPN method: USFDA (BAM) Chapter 12, 2001	3 MPN/	g to 1100 MPN/g		
		Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitati (Present	ve /Absent)/25 g		
			USFDA (BAM) Chapter 5, 20		ve /Absent)/25 g		
		Shigella spp	USFDA (BAM) Chapter 6, 20	-	ve /Absent)/25 g		
			IS 5887 (Part 7): 1999 (RA 2009)	Qualitati (Present	ve /Absent)/25 g		
		Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitati (Present	ive /Absent)/25 g		
			USFDA (BAM) Chapter 9, 20		ve /Absent)/25 g		

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Acc	reditation Standa	rd ISO/IEC 17025: 2005					
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specificatio against which tests are performed		of Testing / of Detection		
	Egg and Egg Products	Bacillus cereus:	Enumeration method: USFDA (BAM) Chapter 14, 2001	≥10 cfu/	g		
			Enumeration method: IS 5887 (Part 6): 2012	≥10 cfu/	g		
			MPN method: USFDA (BAM) Chapter 14, 2001	3 MPN/	3 MPN/g to 1100 MPN/g		
		Yeast and Mould	IS 5403: 1999 (RA 2009)	$\geq 10 \text{ cfu}/$	g		
			USFDA (BAM) Chapter 18, 2001	≥100 cft	ı/g		
	Ι	L.monocytogenes	USFDA (BAM) Chapter 10, 2013	Qualitati (Present	ve /Absent)/25 g		
8.	Dried Ginger Powder / Garlic Powder	Total Plate Count	IS 5402: 2012 ISO 4833: 2003	≥10 cfu/	g		
			USFDA (BAM) Chapter 3, 2001.	≥10 cfu/	g		
		Salmonella spp	IS 5887 (Part 3): 1999 (RA 2009) ISO 6579: 1993	Qualitati (Present	ve /Absent)/25 g		
			USFDA (BAM) Chapter 5, 2		ve /Absent)/25 g		

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specificatio against which tests are performed		of Testing / of Detection			
II.	WATER							
1.	Water for Swimming Pool	Standard Plate Count	IS 1622: 1981 (RA 2009)	$\geq 1 \text{ cfu/m}$	ıl			
		Coliforms MPN method:	IS 1622: 1981 (RA 2009)	(2 MPN 100 ml	to 1600 MPN)/			
		Coliforms MF Method	IS 1622: 1981 (RA 2009)	Qualitati (Present/	ve /Absent)/100 ml			
2.	Drinking Water	E.coli or Thermotolerant Coliforms	IS 15185: 2002 (RA 2009)	Qualitati (Present/	ve /Absent)/100 ml			
		Coliforms	IS 1622: 1981 (RA 2009)	Qualitati (Present	ve (Absent)/100 ml			
3.	Water (Raw water, Borewell Water, Treated water, RO Water)	Coliforms-MF Method	IS 1622: 1981 (RA 2009)	Qualitati (Present/	ve /Absent)/100 ml			
		Coliforms MPN method:	IS 1622: 1981 (RA 2009)	(2 MPN 100 ml	to 1600 MPN)/			
		Coliforms	APHA (22 nd Edition) 9221- I	3 (1.8 MP) 100 ml	N to 1600 MPN)/			
		Faecal Coliform	APHA (22 nd Edition) 9221 –	E (1.8 MP) 100 ml	N to 1600 MPN)/			
		Faecal coliforms Membrane filtration	IS 1622: 1981 (RA 2009)	Qualitati (Present/	ve /Absent)/100 ml			
		Faecal coliforms- MPN Method	IS 1622: 1981 (RA 2009)	(2 MPN 100 ml	to 1600 MPN)/			

			rivate Limited, 39/6, Thir Fhirumazhisai Via, Poon		
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed		of Testing / of Detection
	Water (Raw water, Borewell Water, Treated water, RO Water)	E.coli-MPN method		(2 MPN 100 ml	to 1600 MPN)/
			APHA (22 nd Edition) 9221 F	F (1.8 MF 100 ml	PN to 1600 MPN)/
		E.coli Membrane filtration Method	IS 15185: 2002 (RA 2009)	Qualitat (Present	ive z/Absent)/100 ml
4.	Packaged Drinking Water (Other than Packaged Mineral Water) Packaged Natural Mineral Water	Total viable colony count@ 37°C for 24 hrs.	IS 5402: 2012	$\geq 1 \text{ cfu}/$	ml
		Total viable colony count at 22°C for 72 hrs.	IS 5402: 2012	$\geq 1 \text{ cfu/r}$	nl
		Coliforms	IS 15185: 2002 (RA 2009)	Qualitat (Present	ive :/Absent)/250 ml
		E.coli	IS 15185: 2002 (RA 2009)	Qualitat (Present	ive //Absent)/250 ml
		Faecal streptococci	IS 15186: 2002 (RA 2009)	Qualitat (Present	ive //Absent)/250 ml
		S.aureus	IS 5887 (Part 2): 1976 (RA 2009)	Qualitat (Present	ive z/Absent)/250 ml
		Shigella spp	IS 5887 (Part 7): 1999 (RA 2009)	Qualitat (Present	ive z/Absent)/250 ml
		Salmonella spp	IS 15187: 2002 (RA 2009)	Qualitat (Present	ive //Absent)/250 ml
		Pseudomonas aeruginosa	IS 13428: 2005 (RA 2009) Annexure D	Qualitat (Present	ive z/Absent)/250 ml

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Acc	reditation Standar	d ISO/IEC 17025: 2005			
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S.No. Product / Sp Material of Test		Specific Test Performed	Test Method Specification against which tests are performed		of Testing / of Detection
	Packaged Drinking Water. (Other than	Sulphite reducing anaerobes	IS 13428: 2005 (RA 2009) Annexure C	Qualitat (Present	ive /Absent)/50ml
	(Other than Packaged Mineral Water) Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/250 ml
		Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2009)	Qualitat (Present	ive /Absent)/250 ml
		Yeast and Mould	IS 5403: 1999 (RA 2009)	Qualitat (Present	ive /Absent)/250 ml
5.	Water for Processed Food Industry	Standard Plate Count	IS 1622: 1981 (RA 2009)	$\geq 1 \text{ cfu/r}$	nl
		Coliforms	IS 5401 (Part 1): 2012	$\geq 1 \text{ cfu/r}$	nl
6.	Water for Human Consumption	Colony count at 37 °C for 48 hrs	ISO 6222: 1999	$\geq 1 \text{ cfu/r}$	nl
		Colony count at 22 °C for 72 hrs	ISO 6222: 1999	$\geq 1 \text{ cfu/r}$	nl
		E.coli	ISO 9308 (Part 1): 2000	Qualitat (Present	ive /Absent)/100 ml
		Enterococci	ISO 7899 (Part 2): 2000	Qualitat (Present	ive /Absent)/250 ml
		Pseudomonas aeruginosa	BS EN 12780: 2002	Qualitat (Present	ive /Absent)/250 ml
		Clostridium Perfringens	EN 98/83 S.I. No. 278 of 2007 Part 3 Page 28 - 29	Qualitat (Present	ive /Absent)/100 ml

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Acc	reditation Standar	d ISO/IEC 17025: 2005					
Discipline		Biological Testing	Biological Testing		e Date	07.09.2015	
Certificate Number		T-2639		Valid Until 06.09.2		06.09.2017	
Last Amended on		24.09.2015	24.09.2015		e	20 of 20	
S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	on	Range of Testing / Limits of Detection		
	Water for Human Consumption	Coliforms	ISO 9308 (Part 1): 2000		Qualitati (Present/	ve /Absent)/100 ml	
III.	POLLUTION & EN	VIRONMENT					
1.	Bioburden Testing of Controlled & Classified Area (Air & Surfaces)	Total plate count	SMSLA/MB/SOP/095/2012 by Settle Plate Method SMSLA/MB/SOP/095/2012 by Surface Swab Method	2	$\geq 1 \text{ cfu/plate}$		
		Yeast and Mould			≥ 1 cfu/plate		
		Coliforms			≥ 1 cfu/plate		
		Total plate count		2	$\geq 1 \text{ cfu}/\text{cm}^2$		
		Yeast and Mould			$\geq 1 \text{ cfu}/\text{cm}^2$		
		Coliforms			$\geq 1 \text{ cfu}/c$	em ²	

NOTE: The Laboratory has demonstrated competence for the stated scope for **WATER**. This however <u>does not fully</u> <u>cover</u> the specification requirements of **BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.**