

Laboratory	Nestle Quality Assurance Centre, Moga Nestle India Limited, Ludhiana Ferozpur Road, Moga, Punjab		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	27.12.2015
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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.	Bakery & Confectionery Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3): 1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833: 2003) IS 5402: 2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2:2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3 :2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/m

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	Bakery & Confectionery Products	Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 11290-1:1996 /Amd. 1:2004 IS 14988 (Part 1) :2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
2.	Beverages (Non-Alcoholic)	Salmonella	LI 00.713-5 (ISO 6579) IS 5887 (Part 3): 1999 LI 00.765-2	Qualitative (Present / Absent) in x g/ml

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	Beverages (Non-Alcoholic)	Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2:2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative)	ISO 6888 – 1 :1999 / IS 5887 (Part 8/Sec 1):2002	≥1 cfu /g or ml ≥10 cfu /g
		Detection	ISO 6888 – 3 :2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g

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	Beverages (Non-Alcoholic)	Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1:1996 /Amd. 1:2004 IS 14988 (Part 1) :2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli Detection & Enumeration	IS 5887 (Part 1): 1976	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
3.	Cereal, Pulses and Cereal Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Cereal, Pulses and Cereal Products	Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Bifidobacterium Lactis	LI 00.794-1 (March 2012) LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Coliform Qualitative Detection	ISO 4831:2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Enumeration (Quantitative)	ISO 4832: 2006 IS 5401 (Part 1): 2002 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml (Liquid sample) ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2:2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Detection	ISO 6888 – 1 :1999 / IS 5887 (Part 8/Sec 1):2002 ISO 6888 – 3 :2003 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present / Absent) in x g/ml

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	Cereal, Pulses and Cereal Products	Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present/Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present/Absent) in x g/ml
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C Aerobic Spores 10 Min 80°C/ 48 H 55°C Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml Qualitative (Present/Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present/Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present/Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml

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	Cereal, Pulses and Cereal Products	Sulfite Reducing Anaerobic Bacteria and Spores , Sulfite Reducing Anaerobic Clostridia and Spores	ISO 15213: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu / g or ml ≥10 cfu/g
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Yeast & Moulds Yeast Mould	IS 5403: 1999 LI-00.765-2 (Dec 2014)	≥1 cfu / xg or ml Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
4.	Coffee and Cocoa Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
			LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Coffee and Cocoa Products	Coliform - Qualitative Detection	ISO 4831: 2006 / IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI 00.701-2 (ISO 4833: 2003) IS 5402: 2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888- 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive Detection & Enumeration	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Coffee and Cocoa Products	Escherichia Coli Detection & Enumeration	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Lactic Acid Bacteria	LI 00.731-2 (ISO 15214: 1998) LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
5.	Edible Colours & Flavours	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform - Qualitative Detection	ISO 4831:2006 IS 5401 Part 2:2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Edible Colours & Flavours	Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2(Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888-3: 2003 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Edible Colours & Flavours	Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
6.	Edible Oils & Fats	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml (Liquid sample) ≥10 cfu /g

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	Edible Oils & Fats	Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888- 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml

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7.	Edible Oils & Fats	Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
	Essential Nutrients including Vitamins	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Essential Nutrients including Vitamins	Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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8.	Food Additives and Preservatives	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Food Additives and Preservatives	Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2 (Dec 2014)	Qualitative (Present /Absent in x g/ml)
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 IS 5887 (Part 6): 2012 LI 00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
9.	Fruit and Fruit Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 / IS 5401 (Part 2): 2012 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2(Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fruit and Fruit Products	Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Bacterial Spores		
		Aerobic Spores 10 Min 80°C/ 72 H 30°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml
		Aerobic Spores 10 Min 80°C/ 48 H 55°C		Qualitative (Present / Absent) in x g/ml
		Anaerobic Spores 10 Min 80°C/ 72 H 30°C		
		Anaerobic Spores 10 Min 80°C/ 48 H 55°C		
		Flat Sour Spores 30 Min 100°C/ 48 H 55°C		
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1:1996 /Amd. 1:2004 IS 14988 (Part 1) :2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fruit and Fruit Products	Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Clostridium Perfringens Bacteria and Spores	ISO 7937: 2004 LI 00.765-2(Dec 2014)	≥1 cfu/ g or ml ≥10 cfu/g
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
10.	Gelatin & Other Gums	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 / IS 5401 (Part 2): 2012 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2(Dec 2014)	≥1 cfu / x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Gelatin & Other Gums	Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Gelatin & Other Gums	Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
11.	Herbs, Spices & Condiments	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI 00.765-22 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2(Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888- 1: 1999 IS 5887 (Part 8/Sec I): 2002 ISO 6888 – 3: 2003 LI 00.765-2(Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present / Absent) in x g/ml

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	Herbs, Spices & Condiments	Enterobacteriaceae Detection & Enumeration	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C Aerobic Spores 10 Min 80°C/ 48 H 55°C Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 IS 5887 (Part 6): 2012 LI 00.765-2(Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml

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12.	Herbs, Spices & Condiments	Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
	Honey & Honey Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI 00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Honey & Honey Products	Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI 00.765-22 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C Aerobic Spores 10 Min 80°C/ 48 H 55°C Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/m

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	Honey & Honey Products	Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Sulfite Reducing Anaerobic Bacteria and Spores , Sulfite Reducing Anaerobic Clostridia and Spores	ISO 15213: 2003 LI 00.765-2(Dec 2014)	≥1 cfu / g or ml ≥10 cfu/g
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI 00.755-1 LI 00.765-2	Qualitative (Present / Absent) in x g/ml
13.	Infant Foods	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Bifidobacterium Lactis	LI 00.794-1 (March 2012) LI-00.765-2 (Dec 2014)	≥10 cfu /g

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	Infant Foods	Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Enumeration (Quantitative)	ISO 4832: 2006 IS 5401 (Part 1): 2002 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Aerobic Mesophilic Microorganisms	ISO 4832:2006/ IS 5401 Part 1:2002 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml >10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative)	ISO 6888 – 1: 1999 / IS 5887 (Part 8/Sec I): 2002	≥1 cfu /g or ml ≥10 cfu /g
		Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
				≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g

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	Infant Foods	Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Sulfite Reducing Anaerobic Bacteria and Spores , Sulfite Reducing Anaerobic Clostridia and Spores	ISO 15213: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu / g or ml ≥10 cfu/g
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Yeast & Moulds Yeast Mould	IS 5403: 1999 LI-00.765-2 (Dec 2014)	≥1 cfu / xg or ml Qualitative (Present /Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml

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14.	Jams, Juices, Sauces & Concentrates	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888- 1: 1999 / IS 5887 (Part 8/Sec I): 2002 ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present /Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml

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	Jams, Juices, Sauces & Concentrates	Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml Qualitative
		Aerobic Spores 10 Min 80°C/ 48 H 55°C		(Present / Absent) in x g/ml
		Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C		
		B. Cereus Presumptive	ISO 7932: 2004	≥1 cfu/g or ml
		B.Cereus Spores Presumptive Enumeration (Quantitative)	IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥10 cfu/g

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	Jams, Juices, Sauces & Concentrates	Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Sterility Testing By Direct Streaking	LI-00.957-1 (Jan 2015)	Qualitative (Present / Absent per pack)
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Clostridium Perfringens Bacteria and Spores	ISO 7937: 2004 LI-00.765-2 (Dec 2014)	≥1 cfu/ g or ml ≥10 cfu/g
		Lactic Acid Bacteria	LI 00.731-2 (ISO 15214: 1998) LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Howard Mold Count	IS 3881 Annexure E IS 3884 Annexure D	≥2 %
		Yeast & Spores (Microscopic Method)	MCLMBO-19 Version 02 (June 2013) .	≥0.21 per 1/60 mm ³
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
15.	Meat & Meat Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Meat & Meat Products	Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI 00.709-4 & LI 00.761 (ISO 21528-1: 2004) LI 00.757 ISO 21528-2: 2004 LI 00.765-2	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Meat & Meat Products	Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli Detection & Enumeration	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
16.	Milk & Dairy Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Milk & Dairy Products	Coliform Enumeration (Quantitative)	ISO 4832: 2006 IS 5401 (Part 1): 2002 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-1: 2008 ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888-1: 1999 / IS 5887 (Part 8/Sec I): 2002 ISO 6888-3: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 /Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Milk & Dairy Products	Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C	LI-00.718-2 (Dec 2013)	≥1 cfu /xg /ml
		Aerobic Spores 10 Min 80°C/ 48 H 55°C	LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Anaerobic Spores 10 Min 80°C/ 72 H 30°C		
		Anaerobic Spores 10 Min 80°C/ 48 H 55°C		
		Flat Sour Spores 30 Min 100°C/ 48 H 55°C		
		Sulfite Reducing Anaerobic Bacteria and Spores ,	ISO 15213: 2003	≥1 cfu / g or ml
		Sulfite Reducing Anaerobic Clostridia and Spores	LI-00.765-2 (Dec 2014)	≥10 cfu/g
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 / IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Milk & Dairy Products	Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Clostridium Perfringens Bacteria and Spores	ISO 7937: 2004 LI-00.765-2 (Dec 2014)	≥1 cfu/ g or ml ≥10 cfu/g
		Yeast & Moulds Yeast Mould	IS 5403: 1999 LI-00.765-2 (Dec 2014)	≥1 cfu / xg or ml Qualitative (Present / Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Microorganisms Culturable (Can Incubation Test)	LI-04.002 (Aug 2010) LI-00.765-2 (Dec 2014)	≥100 cfu /g
		Microorganisms Culturable (Quick Test Cocci, Incubation Test)	LI-04.003 (Aug 2010) LI-00.765-2 (Dec 2014)	≥100 cfu /g
		Coagulase Positive Staphylococci	LI-04.004 (Aug 2010) (ISO 6888-1:1999) LI-00.765-2 (Dec 2014)	≥10 cfu /g
17.	Nuts & Nut Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml

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	Nuts & Nut Products	Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml

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	Nuts & Nut Products	Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Sulfite Reducing Anaerobic Bacteria and Spores , Sulfite Reducing Anaerobic Clostridia and Spores	ISO 15213: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu / g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Clostridium Perfringens Bacteria and Spores	ISO 7937: 2004 LI-00.765-2 (Dec 2014)	≥1 cfu/ g or ml ≥10 cfu/g
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
18.	Starch & Starch Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml

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	Starch & Starch Products	Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	ISO 11290-1:1996 /Amd. 1:2004 IS 14988 (Part 1) :2001 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml

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	Starch & Starch Products	B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 / IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
19.	Sugar & Sugar Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml

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	Sugar & Sugar Products	Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 /Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to110) MPN/g/ml
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml

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	Sugar & Sugar Products	Listeria Monocytogenes (and Listeria Spp) - Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
20.	Snacks and Instant Mixes	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012	Qualitative (Present /Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml
		Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888 – 1: 1999 / IS 5887 (Part 8/Sec I): 2002 ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present /Absent) in x g/ml

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	Snacks and Instant Mixes	Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 /Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present/Absent in x g/ml)
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent in x g/ml)
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent in x g/ml) ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 / IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C Aerobic Spores 10 Min 80°C/ 48 H 55°C Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml Qualitative (Present / Absent) in x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Snacks and Instant Mixes	Yeast & Moulds Yeast Mould	IS 5403: 1999 LI-00.765-2 (Dec 2014)	≥1 cfu / xg or ml Qualitative (Present /Absent) in x g/ml
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) - Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
21.	Tea	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI 00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI 00.765-2 (Dec 2014)	≥1 cfu / x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Tea	Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888- 1: 1999 / IS 5887 (Part 8/Sec I): 2002 ISO 6888-3: 2003 LI 00.765-2(Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.709-4 (Sep 2008) & LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 / IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g

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	Tea	Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.755-1 (Aug 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
22.	Vegetable & Vegetable Products	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Coliform Enumeration (Quantitative)	ISO 4832: 2006 IS 5401 (Part 1): 2002 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Aerobic Mesophilic Microorganisms	LI-00.701-2 (Aug 2006) (ISO 4833:2003) IS 5402 :2012 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu / x g/ml

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	Vegetable & Vegetable Products	Staphylococcus Aureus Coagulase Positive Staphylococci Enumeration (Quantitative) Qualitative Detection	ISO 6888- 1: 1999 / IS 5887 (Part 8/Sec I): 2002 ISO 6888- 3: 2003 LI-00.765-2 (Dec 2014)	≥1 cfu /g or ml ≥10 cfu /g Qualitative (Present / Absent) in x g/ml
		Enterobacteriaceae (Detection & Enumeration)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		Enterobacteriaceae, Enumeration (Quantitative)	ISO 11290-1:1996 /Amd. 1:2004 IS 14988 (Part 1) :2001 LI-00.765-2 (Dec 2014)	≥10 cfu /g
		Listeria Monocytogenes Detection (Qualitative)	ISO 11290-1: 1996 / Amd. 1: 2004 IS 14988 (Part 1): 2001 LI 00.765-2(Dec 2014)	Qualitative (Present / Absent) in x g/ml
		Bacterial Spores Aerobic Spores 10 Min 80°C/ 72 H 30°C Aerobic Spores 10 Min 80°C/ 48 H 55°C Anaerobic Spores 10 Min 80°C/ 72 H 30°C Anaerobic Spores 10 Min 80°C/ 48 H 55°C Flat Sour Spores 30 Min 100°C/ 48 H 55°C	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	≥1 cfu /xg /ml Qualitative (Present / Absent) in x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Vegetable & Vegetable Products	Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml ≥0.3 MPN/g/ml (≥0.3 to 110) MPN/g/ml
		B. Cereus Presumptive B.Cereus Spores Presumptive Enumeration (Quantitative)	ISO 7932: 2004 / IS 5887 (Part 6): 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml ≥10 cfu/g
		Shigella Spp.	IS 5887 (Part 7) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Vibrio Cholera	IS 5887 (Part 5) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Listeria Monocytogenes (and Listeria Spp) Qualitative Detection	LI-00.718-2 (Dec 2013) LI-00.765-2 (Dec 2014)	Qualitative (Present /Absent) in x g/ml
		Yeast & Moulds -Yeast - Mould	IS 5403: 1999 LI-00.765-2 (Dec 2014)	≥1 cfu / xg or ml Qualitative (Present /Absent) in x g/ml
II. WATER				
1. Drinking Water		Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present /Absent) in x g/ml ≥1 cfu / x ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Drinking Water	Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO 11731 (Part 2): 2004	≥1 cfu/ x ml Qualitative (Present /Absent) in x g/ml
		Legionella Spp.	ISO-11731 (ISO 11731: 1998)	≥1 cfu/ x ml
2.	Water For Swimming Pool	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present /Absent) in x g/ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) ISO 6222: 1999	≥1 cfu /ml
		Legionella Spp.	ISO 11731 (Part 2): 2004	≥1 cfu/ x ml Qualitative (Present /Absent) in x g/ml
		Legionella Spp.	ISO-11731 (ISO 11731: 1998)	≥1 cfu/ x ml
3.	Water Purifiers	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present /Absent) in x g/ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) ISO 6222: 1999	≥1 cfu /ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Water Purifiers	Legionella Spp.	ISO 11731 (Part 2): 2004	≥1 cfu/ x ml Qualitative (Present /Absent) in x g/ml
		Legionella Spp.	ISO-11731 (ISO 11731: 1998)	≥1 cfu/ x ml
	Ground Water/ Surface Water	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present / Absent) in x ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO-11731 part-2 (2004) LI-00.765-2 (Dec 2014)	≥1 cfu/ x ml Qualitative (Present / Absent) in x ml
5.	Distilled / Demineralized	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present /Absent) in x g/ml x ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO-11731 (Part 2): 2004 LI-00.765-2 (Dec 2014)	≥1 cfu/ x ml Qualitative (Present /Absent) in x g/ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Distilled / Demineralized	Legionella Spp.	ISO-11731 (ISO 11731: 1998) LI-00.765-2 (Dec 2014)	>1 cfu/ x ml
6.	Water For Processed Food Industry	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present / Absent) in x ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO-11731 part-2 (2004) LI-00.765-2 (Dec 2014)	≥1 cfu/ x ml Qualitative (Present /Absent) in x ml
		Legionella Spp.	ISO-11731 (ISO 11731 :1998) LI-00.765-2 (Dec 2014)	>1 cfu/ x ml
7.	Water For Industrial Purpose	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present / Absent) in x ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI-10.111-2 (Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO-11731 part-2 (2004) LI-00.765-2 (Dec 2014)	≥1 cfu/ x ml Qualitative (Present /Absent) in x ml
		Legionella Spp.	ISO-11731 (ISO 11731 :1998) LI-00.765-2 (Dec 2014)	>1 cfu/ x ml

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
8.	CIP (Rinses, Cleaning In Place)	Coliforms, Escherichia Coli Qualitative Detection Enumeration	ISO 9308-1: 2014	Qualitative (Present / Absent) in x ml ≥1 cfu / x ml
		Microorganisms Culturable Enumeration	LI 10.111-2(Dec 2011) (ISO 6222: 1999)	≥1 cfu /ml
		Legionella Spp.	ISO-11731 part-2 (2004) LI-00.765-2 (Dec 2014)	≥1 cfu/ x ml Qualitative (Present /Absent) in x ml
		Legionella Spp.	ISO-11731 (ISO 11731 :1998) LI-00.765-2 (Dec 2014)	>1 cfu/ x ml

III. BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS

1.	Packaging Materials\ (Bottles, Tins Caps, Corks & Flat Packing Material	Aerobic Mesophillic Microorganism	LI-00.728 (Feb 2011)	≥1 cfu / packaging unit
		Yeast and Moulds	LI-00.728 (Feb 2011)	≥1 cfu / packaging unit

IV. ENVIRONMENT AND POLLUTION

1.	Air (Only Analysis)	Air Microorganisms (Aerobic Mesophillic Microorganisms – Air Exposure)	LI-00.701-2 (Aug 2006) (ISO 4833: 2003)	≥1 cfu per 15 min.
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008	≥1 cfu per 15 min.

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	Air (Only Analysis)	Enterobacteriaceae	LI-00.757 (July 2008) ISO 21528-2: 2004	≥1 cfu per 15 min.
2.	Bio Burden Estimation of Classified and Non Classified Area (Sweepings) Surface (Swabs, Only Analysis)	Salmonella	LI-00.713-5 (July 2012) (ISO 6579) IS 5887 (Part 3) :1999 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml or per swab
		Salmonella	LI-00.746-1 (July 2012) (ELISA) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab
		Coliform Qualitative Detection	ISO 4831: 2006 IS 5401 (Part 2): 2012 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab
		Coliform Enumeration (Quantitative)	ISO 4832: 2006 IS 5401 (Part 1: 2002 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml or per swab ≥10 cfu/g or per swab
		Aerobic Mesophilic Microorganisms	LI 00.701-2 (ISO 4833: 2003) IS 5402: 2012 LI-00.765-2 (Dec 2014)	≥1 cfu/g or ml or per swab ≥10 cfu/g or per swab
		Yeasts & Moulds Yeasts Moulds	ISO 21527-2: 2008 LI-00.765-2 (Dec 2014)	≥1 cfu x g/ml / swab
		Staphylococcus Aureus Coagulase Positive Staphylococci Qualitative Detection	ISO 6888 – 3: 2003 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab

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	Bio Burden Estimation of Classified and Non Classified Area (Sweepings) Surface (Swabs, Only Analysis)	Enterobacteriaceae Detection & Enumeration	LI-00.709-4 (Sep 2008) LI-00.761 (Sep 2008) (ISO 21528-1:2004) LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab
		Enterobacteriaceae, Enterobacteriaceae, Presumptive Enumeration (Quantitative)	LI-00.757 (July 2008) ISO 21528-2:2004 LI-00.765-2 (Dec 2014)	≥10 cfu/g or ml or per swab
		Escherichia Coli, Escherichia Coli Presumptive (Detection & Enumeration)	ISO 7251: 2005 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab
		Escherichia Coli (Detection & Enumeration)	IS 5887 (Part 1): 1976 LI-00.765-2 (Dec 2014)	Qualitative (Present / Absent) in x g/ml / swab
-X-X-X-X-X-X-X-X-X-X-X-X-X-				

Note: X = Quantity of sample used as per customer / regulatory specifications