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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.	WATER			
1.	Packaged drinking water, Packaged	E-coli	IS 15185 : 2002 ISO 9308 : 1	Present or Absent/250 ml
	natural mineral water	Coliform	IS 15185 : 2002 ISO 9308 : 1	Present or Absent/250 ml
		Faecal Streptococci	IS 15186 : 2002 ISO 7899 : 2	Present or Absent/250 ml
		Staphylococcus aureus	IS 5887 : 1976 (Part-II) (RA 2005)	Present or Absent/250 ml
		Sulphite Reducing Anaerobes	IS 13428 : 2005 Annex C Amnd 4	Present or Absent/50 ml
		Pseudomonas aeruginosa	IS 13428 : 2005 Annex D Amnd 4	Present or Absent/250 ml
		Aerobic Microbial Count/ Standard plate count/Total plate count/Total microbial count at 37°C and 22°C	IS 5402 : 2002	Present or Absent/250 ml
		Yeast and Mould	IS 5403: 1999 (RA 2005)	Present or Absent/250 ml
		Salmonella	IS 15187 : 2002	Present or Absent/250 ml
		Shigella	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/250 ml
		Vibrio cholera & Vibrio parahaemolyticus	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/250 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
2.	Raw water, Source Water, Drinking	E-coli	IS 1622: 1981 (RA 2003) Amnd 4	1MPN/100 ml and above
	water water	Coliform	IS 1622: 1981 (RA 2003) Amnd 4	1 MPN/100ml and above
		Thermotolerant coliform (Faecal coliform)	IS 1622: 1981 (RA 2003) Amnd 4	1 MPN/100ml and above
3.	Water for food Processing Industry	Aerobic Microbial Count/Standard plate count/Total plate count/Total microbial count	IS 1622: 1981 (RA 2003) Amnd 4	1 cfu/ml and above
		Proteolytic and lipolytic count	IS 4251 : 1967 (RA 1992)	1 cfu/ml and above
		Coliform	IS 1622: 1981 (RA 2003) Amnd 4	1 MPN/100ml and above
4.	Water and Ice as per EEC directive	E-coli	IS 15185 : 2002 ISO 9308 : 1	0/250 ml and above
	98/83/EC	Coliform	IS 15185 : 2002 ISO 9308 : 1	0/250 ml and above
			APHA Ch. 9221 22nd edition APHA Ch. 9221 22nd edition	Present/Absent/250ml 1 MPN/100 ml and above
		Enterococci	IS 15186 : 2002 ISO 7899 : 2	0/250 ml and above
		Pseudomonas aeruginosa	IS 13428 : 2005 Annex D Amnd 4	Present or Absent/250 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
	Water and Ice as per EEC directive 98/83/EC	Aerobic Microbial Count/Standard plate count/Total plate count/Total microbial count at 37°C and 22°C	IS 5402 : 2002	1 CFU/ml and above
		Clostridium perfringens	98/83/EC Directive	0/100ml and above
5.	Waste water	E-coli	IS 15185 : 2002 ISO 9308 : 1 IS 1622 : 1981 (RA 2003) Amnd 4	Present or Absent/ 250 ml/100ml 1MPN/100 ml and above
		Coliform	IS 15185 : 2002 ISO 9308 : 1	Present or Absent/ 250 ml/100ml
			IS 1622: 1981 (RA 2003) Amnd 4	1MPN/100 ml and above
			APHA Ch. 9221 22nd edition	1 cfu/250ml and above
			APHA Ch. 9221 22nd edition	1 MPN/100 ml and above
		Faecal Streptococci	IS 15186 : 2002 ISO 7899 : 2	Present or Absent/ 250 ml/100ml
			IS 1622: 1981 (RA 2003) Amnd 4	1 MPN/100 ml and above
		Staphylococcus aureus	IS 5887 : 1976 (Part II) (RA 2005) IS 15188 : 2002	Present or Absent/ 250 ml/100ml
		Sulphite Reducing Anaerobes	IS 13428 : 2005 Annex C Amnd 4	Present or Absent/50 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
	Waste water	Pseudomonas aeruginosa	IS 13428 : 2005 Annex D Amnd 4	Present or Absent/ 250 ml/100ml
			APHA Ch. 9213 22nd edition	1 MPN/100 ml and above
		Aerobic Microbial Count/Standard plate count/Total plate count/Total microbial count	IS 1622: 1981 (RA 2003) Amnd 4	1 cfu/ml and above
		Yeast and Mould	IS 5403 : 1999 (RA 2005) IS 15188 : 2002	1 cfu/ml and above
		Salmonella	IS 15187 : 2002	Present or Absent/ 250 ml/100ml
		Shigella	IS 5887 : 1999 (Part VII) (RA 2005) IS 15188 : 2002	Present or Absent/ 250 ml/100ml
		Vibrio cholera & Vibrio parahaemolyticus	IS 5887: 1976 (Part V) (RA 2005) IS 15188: 2002	Present or Absent/ 250 ml/100ml
		Clostridium perfringens	98/83/EC Directive	0/100ml and above
		Proteolytic and lipolytic count	IS 4251 : 1967 (RA 1992)	1 cfu/ml and above
		Faecal coliforms	IS 1622: 1981 (RA 2003) Amnd 4	1 MPN/100ml and above

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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
6.	Water purifiers: UV based water purifiers	Disinfection Efficacy against Micrococcus luteus	IS 14724 : 1999 Amnd 2 Annex A (Clause 6.2.2.3)	0 - 100%
II.	FOOD AND AGRIC	CULTURAL PRODUCTS		
1.	Cereals, Pulses, Grains, Seeds,	Aerobic Microbial Count/ Standard plate count/Total	IS 5402 : 2012 ISO 4833 : 2003	1 cfu/ml and above
	Husks, Flours, nut & nut products, Fruits and	plate count/Total microbial count	USFDA BAM Ch.3, Jan 2001	1 cfu/ml and above 10 cfu/g and above
	vegetables and its products, Herbs, Spices,	Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954	1 cfu/ml and above
	Condiments, Tea, Coffee		USFDA BAM Ch.18, Apr 2001	10 cfu/g and above
	Confec	Coliform	IS 5401 : 2012 (Part I)	Absent/ Present/gm Absent/ Present/0.1 gm
			IS 5401 : 2012 (Part I)	10 cfu/gm and above 1 cfu/ml and above
			IS 5401 : 2002 (Part II)	0.3 MPN/gm and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		E. coli (Isolation)	IS 5887 (Part I) 1976 (RA 2005)	Present or Absent/ 25 gms or 25 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
	Cereals, Pulses, Grains, seeds, Husks, Flours, nut	E. coli (Enumeration)	IS 5887: 1976 (Part I) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
	& nut products Fruits and		USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
	vegetables and its products, Herbs, Spices,	Salmonella	IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
	Condiments, Tea, Coffee		USFDA BAM Ch.5, May 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent
		S.aureus (Enumeration)	IS 5887 : 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
			IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN/gm and above
		S.aureus (Isolation)	IS 5887 : 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 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
	Cereals, Pulses, Grains, seeds,	Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/ 25 gms or 25 ml
	Husks, Flours, nut & nut products Fruits and vegetables and its		USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 ml
	products, Herbs, Spices, Condiments, Tea,	Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
	Coffee		Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
			ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above
		Bacillus cereus	USFDA BAM-2001 Ch. 14, Feb 2014	1 cfu/ml and above 10 cfu/g and above
			USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
			IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above

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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
	Cereals, Pulses, Grains, seeds, Husks, Flours, nut	Clostridium perfringens	IS 5887 : 1999 (Part IV) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
	& nut products Fruits and vegetables and its		IS 5887 : 1999 (Part IV) (RA 2005)	Present or Absent/ 25 gms or 25 ml
	products, Herbs, Spices, Condiments, Tea,		USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above
	Coffee	Vibrio cholera	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
		Vibrio parahaemolyticus	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
			IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25 gms or 25 ml
		Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 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
	Cereals, Pulses, Grains, seeds, Husks, Flours, nut	Pseudomonas aeruginosa	RAL/MICRO-FOOD/39 Sep 2013	Present or Absent/ 25 gms or 25 ml
	& nut products Fruits and	Mould count	AOAC 19 th Edn.	> 1% Positive field
	vegetables and its products, Herbs,	Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm
	Spices, Condiments, Tea, Coffee	Aciduric Flat sour organisms	APHA Compendium Ch.24; 4 th edition	1 cfu/ml and above 10 cfu/g and above
	Conec	Feacal streptococci	IS 5887 : 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887: 1976 (Part II) (RA 2005)	0.3 MPN / gm or ml
			APHA Compendium Ch. 9; 4 th edition	1 cfu/ml and above 10 cfu/g and above
		Listeria monocytogenes	IS 14988 (I) 2001 ISO 11290 (I): 1996	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25 gms or 25 ml

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2.	Canned and Process	ed Foods						
a.	Ready to eat food items, Dietary	Aerobic Microbial Count/Standard plate count/Total plate count/Total	IS 5402 : 2012 ISO 4833 : 2003	1 cfu/m	and above			
	Foods, Supplementary foods, Bakery and bakery products,	microbial count	USFDA BAM Ch.3, Jan 2001		and above and above			
	Snacks and Instant Mixes, Processed foods, Jams, Jellies, Pickles, Sauces &	Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954 USFDA BAM Ch.18, Apr 2001	10 cfu/g	and above and above			
	Concentrates	Coliform	IS 5401 : 2012 (Part I)		Present/gm Present/0.1 gm			
			IS 5401 : 2012 (Part I)		n and above and above			
			IS 5401 : 2002 (Part II)	0.3 MPN	I/gm and above			
			USFDA BAM Ch.4, Feb 2013	3 MPN/s	gm and above			
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 200.	5) Present of 25 gms of	or Absent/ or 25 ml			
		E. coli (Enumeration)	IS 5887 : 1976 (Part I) (RA 200.	*	nl and above g and above			

USFDA BAM Ch.4, Feb 2013

3 MPN/gm and above

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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
	Ready to eat food items, Dietary Foods, Supplementary	Salmonella	IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
	foods, Bakery and bakery products, Snacks and Instant		USFDA BAM Ch.5, May 2014	Present or Absent/ 25 gms or 25 ml
	Mixes, Processed foods, Jams, Jellies, Pickles, Sauces &		Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent
	Concentrates	S.aureus (Enumeration)	IS 5887 : 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
			IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN/gm and above
		S.aureus (Isolation)	IS 5887: 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 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
	Ready to eat food items, Dietary Foods,	Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
	Supplementary foods, Bakery and bakery products, Snacks and Instant Mixes, Processed		Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
	foods Jams, Jellies,		ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above
	Pickles, Sauces & Concentrates	Bacillus cereus	USFDA BAM-2001 Ch. 14, Feb 2014	1 cfu/ml and above 10 cfu/g and above
			USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
			IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above
		Clostridium perfringens	IS 5887 : 1999 (Part IV) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887: 1999 (Part IV) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above

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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
	Ready to eat food items, Dietary	Vibrio cholera	IS 5887: 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
	Foods, Supplementary foods, Bakery and bakery products,		IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
	Snacks and Instant Mixes, Processed foods, Jams, Jellies,		USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
	Pickles, Sauces & Concentrates	Vibrio parahaemolyticus	IS 5887: 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887: 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
			IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25 gms or 25 ml
		Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 MPN/g/ml
		Pseudomonas aeruginosa	RAL /MICRO-FOOD/39 Sep 2013	Present or Absent/ 25 gms or 25 ml
		Mould count	AOAC 19 th Edn.	> 1% Positive field
		Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm

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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
	Ready to eat food items, Dietary Foods,	Aciduric Flat sour organisms	APHA Compendium Ch.24 4 th edition	1 cfu/ml and above 10 cfu/g and above
	Supplementary foods, Bakery and	Feacal streptococci	IS 5887 : 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
	bakery products, Snacks and Instant Mixes, Processed		IS 5887 : 1976 (Part II) (RA 2005)	0.3 MPN/gm or ml
	foods, Jams, Jellies, Pickles, Sauces & Concentrates		APHA Compendium Ch. 9 4 th edition	1 cfu/ml and above 10 cfu/g and above
	Concentrates	Listeria monocytogenes	IS 14988 (I) 2001 ISO 11290 (I) 1996	Present or Absent/ 25gms or 25 ml
			USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25gms or 25 ml
b.	Fish & Sea Foods Products,	Aerobic Microbial Count/Standard plate	IS 5402 : 2012 ISO 4833 : 2003	1 cfu/ml and above
	Meat & Meat Products	count/Total plate count/Total microbial count	USFDA BAM Ch.3, Jan 2001	1 cfu/ml and above 10 cfu/g and above
	Poultry & Poultry Products	Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954 USFDA BAM Ch.18, Apr 2001	1 cfu/ml and above 10 cfu/g and above

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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
	Fish & Sea Foods Products,	Coliform	IS 5401 : 2012 (Part I)	Absent/ Present/gm Absent/ Present/0.1 gm
	Meat & Meat Products Poultry & Poultry		IS 5401 : 2012 (Part I)	10 cfu/gm and above 1 cfu/ml and above
	Products		IS 5401 : 2002 (Part II)	0.3 MPN/gm and above
			USFDA BAM Ch.4, Feb 2013	3 MPN /gm and above
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		E. coli (Enumeration)	IS 5887: 1976 (Part I) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.4, Feb 2013	3 MPN /gm and above
		Salmonella	IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch.5, May 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent

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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
	Fish & Sea Foods Products, Meat & Meat	S.aureus (Enumeration)	IS 5887: 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
	Products Poultry & Poultry Products		IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN/gm and above
		S.aureus (Isolation)	IS 5887: 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 ml
		Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
			Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
			ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above

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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
	Fish & Sea Foods Products,	Bacillus cereus	USFDA BAM-2001 Ch. 14, Feb 2014	1 cfu/ml and above 10 cfu/g and above
	Meat & Meat Products Poultry & Poultry		USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
	Products		IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above
		Clostridium perfringens	IS 5887 : 1999 (Part IV) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887 : 1999 (Part IV) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above
		Vibrio cholera	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 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
	Fish & Sea Foods Products,	Vibrio parahaemolyticus	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
	Meat & Meat Products Poultry & Poultry		IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
	Products		USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
			IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25 gms or 25 ml
		Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 MPN/g/ml
		Pseudomonas aeruginosa	RAL/MICRO-FOOD/39 Sep 2013	Present or Absent/ 25 gms or 25 ml
		Mould count	AOAC 19 th Edn.	> 1% Positive field
		Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm
		Aciduric Flat sour organisms	APHA Compendium Ch.24, 4 th editon	1 cfu/ml and above 10 cfu/g and above
		Feacal streptococci	IS 5887 : 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887: 1976 (Part II) (RA 2005)	0.3 MPN/gm or ml
			APHA Compendium Ch. 9, 4 th edition	1 cfu/ml and above 10 cfu/g and above

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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
	Fish & Sea Foods Products,	Listeria monocytogenes	IS 14988 (I) 2001 ISO 11290 (I): 1996	Present or Absent/ 25gms or 25 ml
	Meat & Meat Products Poultry & Poultry		USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25gms or 25 ml
	Products		Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25gms or 25 ml
c.	Honey and Honey	Aerobic Microbial	IS 5402 : 2012	1 cfu/ml and above
	products	Count/Standard plate count/Total plate count/Total microbial count	ISO 4833 : 2003 USFDA BAM Ch.3, Jan 2001	1 cfu/ml and above 10 cfu/g and above
		ISO 7954	IS 5403 : 1999 (RA 2005) ISO 7954 USFDA BAM Ch.18, Apr 2001	1 cfu/ml and above 10 cfu/g and above
		Coliform	IS 5401 : 2012 (Part I)	Absent/ Present/gm Absent/ Present/0.1 gm
			IS 5401 : 2012 (Part I)	10 cfu/gm and above 1 cfu/ml and above
			IS 5401 : 2002 (Part II)	0.3 MPN/gm and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 2005)	Present or Absent/ 25 gms or 25 ml

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.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Honey and Honey products	E. coli (Enumeration)	IS 5887: 1976 (Part I) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		Salmonella	IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch.5, May 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent
		S.aureus (Enumeration)	IS 5887: 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
			IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN/gm and above
		S.aureus (Isolation)	IS 5887 : 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 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
	Honey and Honey products	Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 ml
		Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
			Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
			ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above
		Bacillus cereus	USFDA BAM-2001 Ch. 14, Feb 2014	1 cfu/ml and above 10 cfu/g and above
			USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
			IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above

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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 and Honey products	Clostridium perfringens	IS 5887 : 1999 (Part IV) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887 : 1999 (Part IV) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above
		Vibrio cholera	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
		Vibrio parahaemolyticus	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
			IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25 gms or 25 ml
		Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 MPN/g/ml

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i.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Honey and Honey products	Pseudomonas aeruginosa	RAL/MICRO-FOOD/39 Sep 2013	Present or Absent/ 25 gms or 25 ml
		Mould count	AOAC 19 th Edn.	> 1% Positive field
		Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm
		Aciduric Flat sour organisms	APHA Compendium Ch.24, 4 th editon	1 cfu/ml and above 10 cfu/g and above
		Feacal streptococci	IS 5887 : 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887: 1976 (Part II) (RA 2005)	0.3 MPN/gm or ml
			APHA Compendium Ch. 9, 4 th editon	1 cfu/ml and above 10 cfu/g and above
		Listeria monocytogenes	IS 14988 (I) 2001 ISO 11290 (I): 1996	Present or Absent/ 25gms or 25 ml
			USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25gms or 25 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
d.	Milk and dairy products	Aerobic Microbial Count/Standard plate	IS 5402 : 2012 ISO 4833 : 2003	1 cfu/ml and above
	•	count/Total plate count/Total microbial count	USFDA BAM Ch.3, Jan 2001	1 cfu/ml and above 10 cfu/g and above
		Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954 USFDA BAM Ch.18, Apr 2001	1 cfu/ml and above 10 cfu/g and above
		Coliform	IS 5401 : 2012 (Part I)	Absent/ Present/gm Absent/ Present/0.1 gm
			IS 5401 : 2012 (Part I)	10 cfu/gm and above 1 cfu/ml and above
			IS 5401 : 2002 (Part II)	0.3 MPN/gm and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 2005)	Present or Absent/ 25gms or 25 ml
		E. coli (Enumeration)	IS 5887: 1976 (Part I) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above

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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
	Milk and dairy products		IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25gms or 25 ml
			USFDA BAM Ch.5, May 2014	Present or Absent/ 25gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent
		S.aureus (Enumeration)	IS 5887: 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
			IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN /gm and above
		S.aureus (Isolation)	IS 5887 : 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 ml

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.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Milk and dairy products	Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
			Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
			ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above
		Bacillus cereus	USFDA BAM-2001 Ch. 14, Feb 2014	1 cfu/ml and above 10 cfu/g and above
			USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
			IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above
		Clostridium perfringens	IS 5887 (Part IV) 1999 (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887 (Part IV) 1999 (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above

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Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
Milk and dairy products	Vibrio cholera	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		IS 5887: 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
		USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
	Vibrio parahaemolyticus	IS 5887: 1976 (Part V) (RA 2005)	Present or Absent/ 25gms or 25 ml
		IS 5887: 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
		USFDA BAM Ch.9, May 2004	Present or Absent/ 25gms or 25 ml
		IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25gms or 25 ml
	Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 MPN/g/ml
	Pseudomonas aeruginosa	RAL /MICRO-FOOD/39 Sep 2013	Present or Absent/ 25gms or 25 ml
	Mould count	AOAC 19 th Edn.	> 1% Positive field
	Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm
	Material of Test Milk and dairy	Milk and dairy products Vibrio cholera Vibrio parahaemolyticus Faecal coliforms Pseudomonas aeruginosa Mould count	Milk and dairy products Milk and dairy products Nibrio cholera IS 5887: 1976 (Part V) (RA 2005) IS 5887: 1976 (Part V) (RA 2005) USFDA BAM Ch.9, May 2004 Vibrio parahaemolyticus IS 5887: 1976 (Part V) (RA 2005) IS 5887: 1976 (Part V) (RA 2005) USFDA BAM Ch.9, May 2004 IS 1897 : 2001 ISO 8914: 1990 Faecal coliforms Pseudomonas aeruginosa RAL /MICRO-FOOD/39 Sep 2013 Mould count AOAC 19th Edn.

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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
	Milk and dairy products	Aciduric Flat sour organisms	APHA Compendium Ch.24, 4 th editon	1 cfu/ml and above 10 cfu/g and above
		Feacal streptococci	IS 5887 : 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887: 1976 (Part II) (RA 2005)	0.3 MPN/gm or ml
		Listeria monocytogenes	APHA Compendium Ch. 9, 4 th editon IS 14988 (I) 2001 ISO 11290 (I) 1996	1 cfu/ml and above 10 cfu/g and above Present or Absent/ 25gms or 25 ml
			USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25gms or 25 ml\
e.	Alcoholic and non alcoholic beverages, Juices and Pulps	Aerobic Microbial Count/Standard plate count/Total plate count/Total microbial count	IS 5402 : 2012 ISO 4833 : 2003 USFDA BAM Ch.3, Jan 2001	1 cfu/ml and above 1 cfu/ml and above 10 cfu/g and above
		Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954 USFDA BAM Ch.18, Apr 2001	1 cfu/ml and above 10 cfu/g and above

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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
	Alcoholic and non alcoholic	Coliform	IS 5401 : 2012 (Part I)	Absent/ Present/gm Absent/ Present/0.1 gm
	beverages, Juices and Pulps		IS 5401 : 2012 (Part I)	10 cfu/gm and above 1 cfu/ml and above
			IS 5401 : 2002 (Part II)	0.3 MPN/gm and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 2005)	Present or Absent/ 25gms or 25 ml
		E. coli (Enumeration)	IS 5887: 1976 (Part I) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.4, Feb 2013	3 MPN/gm and above
		Salmonella	IS 5887 : 1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch.5, May 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/20	Present or Absent

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No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Alcoholic and non alcoholic	S.aureus (Enumeration)	IS 5887: 1976 (Part II) (RA 2005)	10 cfu/g and above 1 cfu/ml and above
	beverages, Juices and Pulps		IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	10 cfu/g and above 1 cfu/ml and above
			USFDA BAM Ch. 12, Jan 2001	3 MPN/gm and above
		S.aureus (Isolation)	IS 5887: 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		Shigella spp	IS 5887 : 1999 (Part VII) (RA 2005) USFDA BAM Ch. 6, Feb 2013	Present or Absent/ 25 gms or 25 ml Present or Absent/ 25 gms or 25 ml
		Enterobactericeae	Health Protection Agency, National Standard Method F -18 latest	3 MPN/g/ml and above
			Health Protection Agency, National Standard Method F -23 latest	10 cfu/g and above 1 cfu/ml and above
			ISO 7402 : 1993 (RA 2001)	10 cfu/g and above 1 cfu/ml and above

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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
	Alcoholic and non	Bacillus cereus	USFDA BAM-2001	1 cfu/ml and above
	alcoholic		Ch. 14, Feb 2014	10 cfu/g and above
	beverages, Juices and Pulps		USFDA BAM-2001 Ch. 14, Feb 2014	3 MPN/g/ml and above
			IS 5887 : 2012 (Part VI) 1999 (RA 2005) ISO 7932 : 2004	1 cfu/ml and above 10 cfu/g and above
		Clostridium perfringens	IS 5887 (Part IV) 1999 (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			IS 5887 (Part IV) 1999 (RA 2005)	Present or Absent/ 25 gms or 25 ml
			USFDA BAM Ch. 16, Jan 2001	1 cfu/ml and above 10 cfu/g and above
		Vibrio cholera	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 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
	Alcoholic and non alcoholic	Vibrio parahaemolyticus	IS 5887 : 1976 (Part V) (RA 2005)	Present or Absent/ 25 gms or 25 ml
	beverages, Juices and Pulps		IS 5887 : 1976 (Part V) (RA 2005)	10 cfu/ml and above 100 cfu/g and above
			USFDA BAM Ch.9, May 2004	Present or Absent/ 25 gms or 25 ml
			IS 14987 : 2001 ISO 8914 : 1990	Present or Absent/ 25 gms or 25 ml
		Faecal coliforms	USFDA BAM Ch. 4, Feb 2013	3 MPN/g/ml
		Pseudomonas aeruginosa	RAL/MICRO-FOOD/39 Sep 2013	Present or Absent/ 25 gms or 25 ml
		Mould count	AOAC 19 th Edn.	> 1% Positive field
		Yeast & spores	AOAC 19 th Edn.	> 1 per 1/60 cmm
		Aciduric Flat sour organisms	APHA Compendium Ch.24, 4 th editon	1 cfu/ml and above 10 cfu/g and above
		Feacal streptococci	IS 5887: 1976 (Part II) (RA 2005)	1 cfu/ml and above 10 cfu/g and above
			S 5887: 1976 (Part II) (RA 2005)	0.3 MPN/gm or ml
			APHA Compendium Ch. 9, 4 th edition	1 cfu/ml and above 10 cfu/g and above

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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
	Alcoholic and non alcoholic	Listeria monocytogenes	IS 14988 (I) 2001 ISO 11290 (I) 1996	Present or Absent/ 25 gms or 25 ml
	beverages, Juices and Pulps		USFDA BAM Ch. 10, Feb 2014	Present or Absent/ 25 gms or 25 ml
			Real Time PCR RAL/BIOTECH-GMO/21	Present or Absent/ 25 gms or 25 ml
f.	Salt	Staphylococcus aureus (Coaguluse +ve)	IS 5887 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
			IS 5887 : 1999 (Part VIII/Sec 1) 2002 Amnd 1 ISO 6888 : 1 : 1999	1 cfu/ml and above 10 cfu/gm and above
		Sulphite Reducing Bacteria	ISO 15213	1 cfu/ml and above 10 cfu/gm and above
g.	Cocoa powder	S.aureus (Isolation)	IS 5887: 1976 (Part II) (RA 2005)	Present or Absent/ 25 gms or 25 ml
		Salmonella	IS 5887:1999 (Part III) (RA 2005) ISO 6579 : 1993	Present or Absent/ 25 gms or 25 ml
		E. coli (Isolation)	IS 5887: 1976 (Part I) (RA 2005)	Present or Absent/ 10 gms or 10 ml
		Yeast & Mould	IS 5403 : 1999 (RA 2005) ISO 7954	1 cfu/ml and above 10 cfu/ml and above
				10 cfu/g and above

Laboratory		_	Reliable Analytical Laboratories Private Limited, Reliable House, 125 Indian Corpn Complex, Mankoli, Bhivandi, Thane, Maharashtra			
Acc	reditation Standar	d ISO/IEC 17025: 2005				
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed		e of Testing / s of Detection	
III.	COSMETICS AND	ESSENTIAL OILS				
1.	Cream, lotion Shampoo, powder, Lipstick Wax & Oil based products) and	Aerobic Microbial Count/Standard plate count/Total plate count/Total microbial count	IS 14648 : 2011		m and above and above	
	products to be used around eyes	Yeast And Mould	IS 14648 : 2011		m and above and above	
		Gram –ve pathogens	IS 14648 : 2011	Present of 25 gms of	or Absent/ or 25 ml	
IV.	GENETICALLY M	ODIFIED ORGANISMS				
1.	Soya	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/1 Mar 14(Seeds) RAL/BIOTECH-GMO/2 Mar 14 (Lecithin, Oils and distillates) RAL/BIOTECH-GMO/9 Mar 14(Seeds)	Present/. 0.1 %	Absent	
2.	Cotton	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/3 Mar 1- (Cotton Seeds) RAL/BIOTECH-GMO/4 Mar 1- (Lint, Fiber) RAL/BIOTECH-GMO/5 Mar 1- (Leaves) RAL/BIOTECH-GMO/9 Mar 1-	0.1 %	Absent	

(Seeds)

Laboratory	Reliable Analytical Laboratories Private Limited, Reliable House, 125 Indian Corpn Complex, Mankoli, Bhivandi, Thane, Maharashtra			
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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
3.	Rice	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/10 Mar 14	Present/Absent 0.1 %
4.	Potato	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/11 Mar 13	Present/Absent 0.1 %
5.	Corn	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/7 Mar 14	Present/Absent 0.1 %
6.	Tomato	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/13 Mar 13	Present/Absent 0.1 %
7.	Onion	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/12 Mar 13	Present/Absent 0.1 %
8.	Wheat	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/14 Mar 13	Present/Absent 0.1 %
9.	Rapeseed Meal	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/18 Apr 12	Present/Absent 0.1 %
10.	Guar Gum	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/15 Mar 13	Present/Absent 0.1 %
11.	Sugar Cane	Qualitative PCR Tests for 35 S promoter and NOS terminator	RAL/BIOTECH-GMO/17 Mar 13	Present/ Absent 0.1 %

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