

Laboratory	Eurofins Analytical Services India Pvt. Ltd., # 540/1, Doddanakundi Industrial Area 2, Hoodi, Whitefield, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	10.09.2014
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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 & AGRICULTURAL PRODUCTS				
1.	Herbs Spices and Condiments (Whole, Powdered and Blended)	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g <3 MPN to >1100 MPN <0.36 MPN to >1100 MPN
		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition chapter 8	≥ 10 cfu/g ≥ 10 cfu/g <3 MPN to >1100 MPN ≥ 10 cfu/g <0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-1:2004, ISO : 21528-2:2004 APHA 4 th Edition Chapter 8	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g
		Shigella sps	ISO : 21567-2005 APHA 4 th Edition, Chapter 38 US FDA - BAM Chapter 6	Presence/Absence/25g/g Presence/Absence/25g/g Presence/Absence/25g/g
		S.aureus	ISO : 6888-3:2003 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <3MPN to >1100MPN Presence/Absence/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
	Salmonella sps		ISO : 6579-2002 APHA 4 th Edition Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25g Presence/Absence/25g Presence/Absence/25g
	Enumeration of Yeast and Mold		ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	B. Cereus		ISO : 21871-2006, ISO : 7932-2005 USFDA BAM : Chapter 14 APHA 4 th Edition Chapter 32	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	Listeria monocytogenes		ISO : 11290-2:1998 ISO : 11290-1:1997 APHA 4 th Edition Chapter 36 Chapter 10, FDA- BAM	≥ 10 cfu/g Presence/Absence/25g Presence/Absence/25g Presence/Absence/25g ≥ 10 cfu/g
	Clostridium perfringens		ISO : 7937-2005 APHA 4 th Edition Chapter 34 USFDA BAM : Chapter 16	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	Vibrio cholera		USFDA BAM : Chapter 9	Presence/Absence/25g
	Vibrio parahaemolyticus		USFDA BAM : Chapter 9	Presence/Absence/25g

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2.	Milk and Dairy Products	Aerobic Plate count	ISO : 4833 : 2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g <3MPN to >1100MPN <0.36MPN to >1100MPN
		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-2:2004 ISO : 21528-1:2004 APHA 4 th Edition Chapter 8	≥ 10 cfu/g Presence/Absence/g ≥ 10 cfu/g
		Shigella sps	ISO : 21567-2005 APHA 4 th Edition Chapter 38 Chapter 6, FDA- BAM	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003 ISO : 6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g < 3MPN to >1100MPN

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	Salmonella sps		ISO : 6579-2002 APHA 4 th Edition Chapter 37 Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/g
	Enumeration of Yeast and Mold		ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	B.cereus		ISO : 21871-2006, ISO : 7932-2005 USFDA BAM : Chapter 14 APHA 4 th Edition Chapter 32	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	Listeria monocytogenes		ISO : 11290-2:1998 ISO : 11290-1:1997 Chapter 10, FDA- BAM	≥ 10 cfu/g Presence/Absence/25g Presence/Absence/25g ≥ 10 cfu/g
	Clostridium perfringens		ISO : 7937-2005 APHA 4 th Edition Chapter 34 USFDA BAM :Chapter 16	≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g
	Vibrio cholera		USFDA BAM : Chapter 9	Presence/Absence/25g
	Vibrio parahaemolyticus		USFDA BAM : Chapter 9	Presence/Absence/25g

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3.	Snacks & Instant Mixes	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g <3MPN to >1100MPN <0.36MPN to >1100MPN
		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g < 0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-2:2004 ISO : 21528-1:2004 APHA 4 th Edition Chapter 8	≥ 10 cfu/g Presence/Absence/g ≥ 10 cfu/g
		Shigella sps	ISO : 21567-2005 APHA 4 th Edition Chapter 38 Chapter 6, FDA- BAM	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003, ISO 6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g < 3MPN to >1100MPN

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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
	Salmonella sps		ISO : 6579-2002 APHA 4 th Edition Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/g
	Enumeration of Yeast and Mold		ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	B.cereus		ISO : 21871-2006 ISO : 7932-2005 USFDA BAM : Chapter 14 APHA 4 th Edition Chapter 32	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g Presence/Absence/g
	Listeria monocytogenes		ISO : 11290-2:1998 ISO : 11290-1:1997 Chapter 10, FDA- BAM	≥ 10 cfu/g Presence/Absence/25g Presence/Absence/25g ≥ 10 cfu/g
	Clostridium perfringens		ISO : 7937-2005 ISO : 7937-2005 APHA 4 th Edition Chapter 34 USFDA BAM : Chapter 16	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	Vibrio cholera		USFDA BAM : Chapter 9	Presence/Absence/25g
	Vibrio parahaemolyticus		USFDA BAM : Chapter 9	Presence/Absence/25g

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4.	Animal feed	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g
		Enterobacteriaceae	ISO : 21528-1:2004 ISO 21528-2:2004 APHA 4 th Edition Chapter 8	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g
		Shigella sps	ISO : 21567-2005 APHA 4 th Edition Chapter 38 Chapter 6, FDA- BAM	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003 ISO 6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <3MPN to >1100MPN
		Salmonella sps	ISO : 6579-2002 APHA 4 th Edition Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/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
		Enumeration of Yeast and Mold	ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		B.cereus	ISO : 21871-2006, ISO : 7932-2005 USFDA BAM : Chapter 14 APHA 4 th Edition Chapter 32	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g Presence/Absence/g ≥ 10 cfu/g
		Listeria monocytogenes	ISO : 11290-2:1998 ISO : 11290-1:1997 Chapter 10, FDA- BAM	≥ 10 cfu/g Presence/Absence/25g Presence/Absence/25g ≥ 10 cfu/g
		Clostridium perfringens	ISO : 7937-2005 APHA 4 th Edition Chapter 34 USFDA BAM : Chapter 16	≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g ≥ 10 cfu/g
		Vibrio cholera	USFDA BAM : Chapter 9	Presence/Absence/25g
		Vibrio parahaemolyticus	USFDA BAM : Chapter 9	Presence/Absence/25g
5.	Fish and Sea Foods	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g

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		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g < 3MPN to >1100MPN < 0.36 MPN to >1100MPN Presence/Absence/g
		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g < 0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-1:2004 21528-2:2004 APHA 4 th Edition Chapter 8	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g
		Shigella sps	ISO : 21567-2005 4th edition, APHA 2001, Chapter 38 Chapter 6, FDA- BAM	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003 ISO :6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g < 3MPN to >1100MPN

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	Salmonella spp		ISO : 6579-2002 4th edition, APHA 2001, Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/g
	Enumeration of Yeast and Mold		ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
	B.cereus		ISO : 21871-2006, ISO : 7932-2005 USFDA BAM : Chapter 14 APHA 4 th Edition Chapter 32	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g Presence/Absence/g
	Listeria monocytogenes		ISO : 11290-2:1998 ISO : 11290-1:1997 Chapter 10, FDA- BAM	≥ 10 cfu/g Presence/Absence/25g Presence/Absence/25g ≥ 10 cfu/g
	Clostridium perfringens		ISO : 7937-2005 APHA 4 th Edition Chapter 34 USFDA BAM : Chapter16	≥ 10 cfu/g ≥ 10 cfu/g < 3MPN to >1100MPN ≥ 10 cfu/g
	Vibrio cholera		USFDA BAM : Chapter 9	Presence/Absence/25g
	Vibrio parahaemolyticus		USFDA BAM : Chapter 9	Presence/Absence/25g

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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.	Fruit and Fruit Products	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g < 3MPN to >1100MPN < 0.36MPN to >1100MPN
		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-1:2004, ISO : 21528-2:2004 APHA 4 th Edition Chapter 8	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g
		Shigella spp	ISO : 21567-2005 4th edition, APHA 2001, Chapter 38, Chapter 6, FDA- BAM online, 2001	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003, ISO 6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g < 3MPN to >1100MPN Presence/Absence/g

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		Salmonella sps	ISO : 6579-2002 4th edition, APHA 2001, Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/g
		Enumeration of Yeast and Mold	ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Listeria monocytogenes	ISO : 11290-2:1998 USA FDA- BAM, Chapter 10, ISO : 11290-1:1997	≥ 10 cfu/g Presence/Absence/25g ≥ 10 cfu/g Presence/Absence/25g
		Clostridium perfringens	ISO : 7937-2005 APHA 4 th Edition Chapter 34 Chapter 16, FDA- BAM	≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g ≥ 10 cfu/g
		Vibrio cholera	USFDA BAM : Chapter 9	Presence/Absence/25g
		Vibrio parahaemolyticus	USFDA BAM : Chapter 9	Presence/Absence/25g
7.	Poultry Products	Aerobic Plate count	ISO : 4833:2003 US FDA BAM : Chapter 3 APHA 4 th Edition Chapter 7	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Enumeration of E.coli	ISO : 16649-2:2001 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g <3MPN to >1100MPN <0.36MPN to >1100MPN

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		Enumeration of Coliforms	ISO : 4832-2006 US FDA BAM : Chapter 4 APHA 4 th Edition Chapter 8	≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <0.36MPN to >1100MPN
		Enterobacteriaceae	ISO : 21528-1:2004, ISO 21528-2:2004 APHA 4 th Edition Chapter 8	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g
		Shigella spp	ISO : 21567-2005 4th edition, APHA 2001, Chapter 38, Chapter 6, FDA- BAM online, 2001	Presence/Absence/25 g Presence/Absence/25 g Presence/Absence/25 g
		S.aureus	ISO : 6888-3:2003, ISO 6888-1:1999 USFDA BAM : Chapter 12 APHA 4 th Edition Chapter 39	Presence/Absence/g ≥ 10 cfu/g ≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g <3MPN to >1100MPN
		Salmonella sps	ISO : 6579-2002 4th edition, APHA 2001, Chapter 37 Chapter 5, FDA- BAM	Presence/Absence/25/g Presence/Absence/25/g Presence/Absence/25/g

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		Enumeration of Yeast and Mold	ISO : 21527-2:2008 ISO : 21527-1:2008 USFDA BAM : Chapter 18 APHA 4 th Edition Chapter 20	≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g ≥ 10 cfu/g
		Listeria monocytogenes	ISO : 11290-2:1998 Chapter 10, FDA- BAM ISO : 11290-1:1997	≥ 10 cfu/g Presence/Absence/25g ≥ 10 cfu/g Presence/Absence/25g
		Clostridium perfringens	ISO : 7937-2005 APHA 4 th Edition Chapter 34 Chapter 16, FDA- BAM	≥ 10 cfu/g <3MPN to >1100MPN ≥ 10 cfu/g ≥ 10 cfu/g
		Vibrio cholera	USFDA BAM : Chapter 9	Presence/Absence/25g
		Vibrio parahaemolyticus	USFDA BAM : Chapter 9	Presence/Absence/25g
-X-X-X-X-X-X-X-X-X-X-X-X-				