

Laboratory Export Inspection Agency - Chennai Laboratory, 6th Floor, CMDA Tower-II, No. 1, Gandhi Irwin Road, Egmore, Chennai, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7030 (in lieu T-1342, T-1343)

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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BIOLOGICAL TESTING

I.	FOOD & AGRICULTURAL PRODUCTS			
1.	Fish & Sea foods	Aerobic Plate count / TOTAL PLATE COUNT (TPC)	AOAC 20th Edition: 2016,990.12 by Petrifilm / ISO 4833-1	≥ 10 cfu/g
		Coagulase Positive Staphylococci	AOAC 20th Edition:,2016, 2003.11 by Petrifilm / ISO:6888-1	≥ 10 cfu/g
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm / ISO 16649-2	≥ 10 cfu/g
			ISO 16649-3 by MPN method	(<0.3 to 1100) MPN/g
		Coliform count	AOAC 20th Edition: 2016, 991.14 by Petrifilm	≥ 10 cfu/g
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25 g
		Vibrio cholerae	ISO 21872-1	Qualitative (Absent/ present)/25g
		Vibrio parahaemolyticus	ISO21872-1	Qualitative (Absent/ present)/25g
		Shigella spp	USFDA- BAM,Chapter-6,2001	Qualitative (Absent/ present)/25 g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
		Clostridium perfringens	ISO 7937	≥10 cfu/g
		Enterobacteriace	AOAC 20th Edition:, 2016,2003.01 by Petrifilm	≥10 cfu/g

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Sulphite Reducing anaerobes (Clostridia)	ISO 15213	≥10 cfu/g
2.	Poultry and Poultry Products	Aerobic Plate count / Total Plate Count (TPC)	AOAC 20th Edition: 2016, 990.12 by Petrifilm / ISO 4833-1	≥10 cfu/g
		Salmonella	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g
		Yeast & Molds	ISO 21527-2	>10cfu/ g
		Shigella spp.	USFDA- BAM,Chapter 6, 2001	Qualitative (Absent/ present) / 25 g
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm	≥10 cfu/g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
		Coliform count	AOAC 20th Edition:2016, 991.14 by Petrifilm	> 10 cfu/ g
		Clostridium perfringens	ISO 7937	≥10 cfu/g
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm / ISO 16649-2	≥10 cfu/g
		Sulphite reducing anaerobes (Clostridia)	ISO 15213	≥10 cfu/g
3.	Egg & Egg Products	Aerobic Plate count / Total Plate Count (TPC)	AOAC 20th Edition: 2016, 990.12 by Petrifilm / ISO 4833-1	≥10 cfu/g
		Salmonella	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g

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		Yeast & Molds	ISO 21527-2 / AOAC 20th Edition: 2016 997.02 by Petrifilm	≥10cfu/ g
		Shigella spp	USFDA- BAM, Chapter 6,2001	Qualitative (Absent/ present)/25g
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm / ISO 21528-2	≥10 cfu/g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
		Coliform count	AOAC 20th Edition:2016, 991.14 by Petrifilm / ISO 4832	> 10 cfu/g
		E. coli/coliform	AOAC 20th Edition:2016, 991.14 by Petrifilm / ISO 16649-2	≥10 cfu/g
		Sulphite reducing anaerobes(Clostridia)	ISO 15213	≥10 cfu/g
		Clostridium perfringens	ISO 7937	≥10 cfu/g
4.	Milk & Dairy Products	Coagulase Positive Staphylococci	AOAC 20th Edition:, 2016,2003.11by Petrifilm/ ISO:6888-1	≥10 cfu/g
			AOAC 20th Edition:, 2016,2003.11by Petrifilm	≥1 cfu/ml
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm/ ISO 16649-2	≥10 cfu/g
			AOAC 20th Edition:2016, 991.14 by Petrifilm	≥1 cfu/ml
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g

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		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm / ISO 21528-2	≥10 cfu/g
			AOAC 20th Edition: 2016, 2003.01 by Petrifilm	≥1 cfu/ml
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
		Coliform count	AOAC 20th Edition:2016, 991.14 by Petrifilm / ISO 4832	≥10 cfu/g
			AOAC 20th Edition:2016, 991.14 by Petrifilm	≥1 cfu/ml
		Yeast & Mould	AOAC 20th Edition: 2016 997.02 by Petrifilm / ISO 21527-2	≥10 cfu/g
			AOAC 20th Edition: 2016 997.02 by Petrifilm	≥1 cfu/ ml
		Total Plate Count	AOAC 20th Edition: 2016, 990.12 by Petrifilm / ISO 4833-1	≥10 cfu /ml
			AOAC 20th Edition: 2016, 990.12 by Petrifilm	≥1 cfu/ml
		Clostridium perfringens	ISO 7937	≥10 cfu/g
			ISO 7937	≥1 cfu/ml
		Sulphite reducing anaerobes (Clostridia)	ISO 15213	≥10 cfu/g
			ISO 15213	≥1 cfu/ml
5.	Fruit & fruit products	Total Plate Count	AOAC 20th Edition: 2016, 990.12 by Petrifilm / ISO 4833-1	≥10 cfu/g
		Yeast & Mould count	ISO 21527-2 / AOAC 20th Edition: 2016 997.02 by Petrifilm	≥10 cfu/g

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		Coliform Count	ISO 4832 / AOAC 20th Edition:2016, 991.14 by Petrifilm	≥10 cfu/ g
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm	≥10 cfu/g
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm / ISO 21528-2	≥1 cfu/ml ≥10cfu/g
		Staphylococcus aureus	AOAC 20th Edition: 2016, 2003.11 by Petrifilm / ISO 6888-1	≥10 cfu/g
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
6.	Herbs, Spices & Condiments	Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g
		Yeast & Mould count	ISO 21527-2 / AOAC 20th Edition: 2016 997.02 by Petrifilm	≥10 cfu/g
7.	Jam, Juices, Sauces & Concentrates	Total Plate Count	IS: 5402 / AOAC 20th Edition: 2016, 990.12 by Petrifilm	≥10 cfu/g
		Yeast & Mould count	IS: 5403 / ISO 21527-2 / AOAC 20th Edition: 2016 997.02 by Petrifilm	≥10 cfu/g
		Coliform Count	IS: 5401/ ISO4832 / AOAC 20th Edition:2016, 991.14 by Petrifilm	≥10 cfu/ g

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		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm	≥10 cfu/g
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm / ISO 21528-2	≥1 cfu/ ml ≥10cfu/g
		Staphylococcus aureus	AOAC 20th Edition: 2016, 2003.11 by Petrifilm / ISO 6888-1	≥10 cfu/g
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
8.	Beverages (Alcoholic/Non-Alcoholic)	Total Plate Count	IS: 5402/ AOAC 20th Edition: 2016, 990.12 by Petrifilm	≥1 cfu/ml
		Yeast & Mould count	IS: 5403 / ISO 21527-2 / AOAC 20th Edition: 2016 997.02 by Petrifilm	≥1 cfu/ ml
		Coliform Count	ISO 4832 / AOAC 20th Edition:2016, 991.14 by Petrifilm	≥1 cfu/ ml
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm	≥1cfu/ ml
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm /ISO 21528-2	≥1cfu/ ml
		Staphylococcus aureus	AOAC 20th Edition: 2016, 2003.11 by Petrifilm / ISO 6888-1	≥1 cfu/ml
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016,	Qualitative (Absent/ present)/25g

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			Chapter-17, 2004.03 by VIDAS	
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
9.	Flavor	Total Plate Count	IS: 5402 / AOAC 20th Edition: 2016, 990.12 by Petrifilm	≥1 cfu/ml ≥10cfu/g
		Yeast & Mould count	IS: 5403 /ISO 21527-2/ AOAC 20th Edition: 2016 997.02 by Petrifilm	≥1 cfu/ml ≥10cfu /g
		Coliform Count	ISO 4832 / AOAC 20th Edition:2016, 991.14 by Petrifilm	≥1 cfu/ml ≥10cfu /g
		E. coli	AOAC 20th Edition:2016, 991.14 by Petrifilm	>1 cfu/ml >10cfu/ g
		Enterobacteriaceae	AOAC 20th Edition: 2016, 2003.01 by Petrifilm / ISO 21528-2	>1 cfu/ml >10cfu/g
		Staphylococcus aureus	AOAC 20th Edition: 2016, 2003.11 by Petrifilm	>1 cfu/ml >10cfu/g
		Salmonella spp	ISO 6579-1/ AOAC 20 th Edition:2016, Chapter-17, 2004.03 by VIDAS	Qualitative (Absent/ present)/25g
		Listeria monocytogens	ISO 11290-1/ AOAC 20th Edition: 2016, 2004.06 by VIDAS	Qualitative (Absent/ present)/25g
II.	WATER			
1.	Drinking Water	Total Plate Count (TPC) at 37°C	IS:1622 / ISO 6222	≥1 cfu/ml
		Total Plate Count (TPC) at 22°C	ISO 6222	≥1 cfu/ml

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		Sulphite reducing anaerobes (Clostridia)	IS 13428(Annex C) :2005	Qualitative (Absent/ present)/100ml
		Total Coliform	IS:1622 by MPN method - Table no 2	(<2 to 1600)MPN/100ml
			ISO 9308-1by MF method	Qualitative (Absent/ present)/100ml
		Faecal coliform	IS:1622 by MPN method - Table no 2	(<2 to 1600)MPN/100ml
			APHA 22 nd Edition;9221E by MPN method	(<1.8 to1600)MPN/100ml
		Faecal streptococci	APHA 22 nd Edition;9230B by MPN method	(<1.8 to1600)MPN/100ml
		Vibrio cholera/900ml	IS:5887 (Part V)	Qualitative (Absent/ present)/900ml
		E.coli	ISO 9308-1by MF method	Qualitative (Absent/ present)/100ml
		Pseudomonas aeruginosa	ISO 16266 (ISO12780) (MF method)	Qualitative (Absent/ present)/100ml
		Clostridium perfringens	EC Regulation 98/83 annex-III by MF method	Qualitative (Absent/ present)
		Total Plate Count (TPC) at 37°C	IS:1622	≥1 cfu/ml
		Coliform	IS:1622	Qualitative (Absent/ present)/100ml
		Proteolytic Bacteria	IS 4251	≥1 cfu/ml
		Lipolytic Bacteria	IS 4251	≥1 cfu/ml
III.	ENVIRONMENT & POLLUTION			
1.	Surface Swabs (Hygiene Samples)	Total Plate Count (TPC)	EIA/CH/Lab/WI/22 Issue no 1;18.02.2013 &EIA/CH/SOP/M/29/001 Issue no 1;18.02.2013	≥4 cfu/sqcm

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		Coliform	EIA/CH/Lab/WI/22 Issue no 1;18.02.2013 &EIA/CH/SOP/M/29/004 Issue no 2;27.10.2015	≥4 cfu/sqcm
		Staphylococci	EIA/CH/Lab/WI/22 Issue no 1;18.02.2013 &EIA/CH/SOP/M/29/019 Issue no 1;16.10.2007	≥4 cfu/sqcm
		Vibrio cholerae	EIA/CH/Lab/WI/22 Issue no 1;18.02.2013 &EIA/CH/SOP/M/29/012 Issue no 1;20.01.2014	Qualitative (Absent/ present) /25Sqcm

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CHEMICAL TESTING

I. MARINE / AQUACULTURE FOOD PRODUCTS				
1.	Fish & Fishery Product, Shrimps, Prawns	Physicochemical Parameters :		
		Moisture content	EIA/CH/SOPC/30/15 (Issue No:2, Issue date:13-10-2014)	0.1% to 90%
		Acid Insoluble ash	EIA/CH/SOPC/30/19 (Issue No:2, Issue date:13-10-2014)	0.01 %to 2.0 %
		Food additives:		
		Sulphite as SO ₂	EIA/CH/SOPC/30/05 (Issue No:2, Issue date:10-09-2014)	10 mg/kg to 650 mg/kg
		Phosphate as P ₂ O ₅	EIA/CH/SOPC/30/06 (Issue No:2, Issue date:10-09-2014)	292 mg/kg to 7500 mg/kg
		Spoilage indicators:		
		TVBN	EIA/CH/SOPC/30/07A (Issue No:2, Issue date:04-01-2016)	5 mg/100g to 500 mg/100g
		Histamine	EIA/CH/SOPC/30/8 (Issue No: 2, Issue Date: 01-07-2013)	25 mg/kg to 600 mg/kg
		Antibiotics residue:		
		Chloramphenicol [CAP]	EIA/CH/SOPC/30/9 (Issue No: 3, Issue Date: 10-04-2014)	0.1 µg/kg to 1.0 µg/kg
		Nitrofurans:		
		Furaltadone [FTD]	EIA/CH/SOPC/30/106	0.5 µg/kg to 20µg/kg

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		Nitrofurazone [NFZ]	(Issue No: 1, Issue Date: 24-10-2017)	0.5 µg/kg to 20µg/kg
		Nitrofurantoin [NFT]		0.5 µg/kg to 20µg/kg
		Furazolidone [FZD]		0.5 µg/kg to 20µg/kg
		Nitrovin [NTV]		0.5 µg/kg to 20µg/kg
		Nitrofurans Metabolites:		
		3-amino-5-morpholinomethyl-1,3-oxazolidin [AMOZ]	EIA/CH/SOPC/30/10 (Issue No: 3, Issue Date: 07-05-2014)	0.2 µg/kg to 4 µg/kg
		3-amino-oxazolidinone [AOZ]		0.2 µg/kg to 4 µg/kg
		Semicarbazide [SEM]		0.2 µg/kg to 4 µg/kg
		1-aminohydantoin [AHD]		0.2 µg/kg to 4 µg/kg
		Nitroimidazole:		
		Ronidazole [RNZ]	EIA/CH/SOPC/30/102 (Issue No: 1, Issue Date: 20-12-2013)	0.39 µg/kg to 20µg/kg
		Dimetridazole [DMZ]		0.34 µg/kg to 20µg/kg
		Metronidazole [MNZ]		0.15 µg/kg to 20µg/kg
		Ipronidazole [IPZ]		0.24 µg/kg to 20µg/kg
		Quinolones:		
		Ciprofloxacin [CIP]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	5 µg/kg to 200µg/kg
		Difloxacin [DIF]		5 µg/kg to 200µg/kg
		Enrofloxacin [NOR]		5 µg/kg to 200µg/kg
		Oxolinic acid [OXO]		5 µg/kg to 200µg/kg
		Nalidixic acid		5 µg/kg to 200µg/kg
		Flumequiene [FLU]		5 µg/kg to 200µg/kg
		Danofloxacin		5 µg/kg to 200µg/kg
		Tetracyclines:		
		Chlorotetracycline 4-epi-Chlorotetracycline	EIA/CH/SOPC/30/12 (Issue No: 1, Issue Date: 01-10-2013)	5 µg/kg to 500µg/kg

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		Oxytetracycline 4-epi- Oxytetracycline		5 µg/kg to 500µg/kg
		Tetracycline 4-epi-tetracycline		5 µg/kg to 500µg/kg
		Doxycycline		5 µg/kg to 500µg/kg
		Sulfonamides:		
		Sulfamethazine [SMZ]	EIA/CH/SOPC/30/13 (Issue No: 1, Issue Date: 02-12-2013)	5 µg/kg to 200µg/kg
		Sulfadiazine [SDZ]		5 µg/kg to 200µg/kg
		Sulfamonomethoxine [SMM]		5 µg/kg to 200µg/kg
		Sulfamethoxazole [SMX]		5 µg/kg to 200µg/kg
		Sulfamerazine [SMRZ]		5 µg/kg to 200µg/kg
		Sulfadimethoxine [SDM]		5 µg/kg to 200µg/kg
		Sulfadoxine [SDX]		5 µg/kg to 200µg/kg
		Sulfanilamide [SA]		5 µg/kg to 200µg/kg
		Sulfamethoxypyridazine [SMP]		5 µg/kg to 200µg/kg
		Sulfathiazole [STZ]		5 µg/kg to 200µg/kg
		Avermectin:		
		Ivermectin [IVR]	EIA/CH/SOPC/30/105 (Issue No: 1, Issue Date: 15-03-2012)	0.30 µg/kg to 20µg/kg
		Doramectin [DOR]		0.61 µg/kg to 20µg/kg
		Moxidectin [MOX]		0.32 µg/kg to 20µg/kg
		Dyes:		
		Malachite green [MG]	EIA/CH/SOPC/30/104 (Issue No: 1, Issue Date: 20-02-2012)	0.25 µg/kg to 5 µg/kg
		Leucomalachite green [LMG]		0.25 µg/kg to 5 µg/kg
		Crystal violet [CV]		0.25 µg/kg to 5 µg/kg
		Leucocrystal Violet [LCV]		0.25 µg/kg to 5 µg/kg

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		Stilbenes:		
		Diethyl stilbestrol	EIA/CH/SOPC/30/122 (Issue No: 1, Issue Date: 20-12-2013)	0.29 µg/kg to 10µg/kg
		Steroid:		
		Estradiol 17-β	EIA/CH/SOPC/30/122 (Issue No: 1, Issue Date: 20-12-2013)	0.28 µg/kg to 10µg/kg
		Mycotoxin:		
		Aflatoxin (B1,B2,G1,G2)	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	0.5 µg/kg to 50 µg/kg
		Pesticide residue:		
		Aldrin	EIA/CH/SOPC/30/100 (Issue No:1, Issue date:27-12-2013)	0.01 mg /kg to 150 mg /kg
		Diieldrin		0.01 mg /kg to 150 mg /kg
		Endrin		0.01 mg /kg to 150 mg /kg
		Alpha-Endo Sulphan		0.01 mg /kg to 150 mg /kg
		Beta-Endo Sulphan		0.01 mg /kg to 150 mg /kg
		Endo Sulphan sulfate		0.01 mg /kg to 150 mg /kg
		HCB		0.01 mg /kg to 0.1 mg/kg
		Cis-chlordane		0.01 mg /kg to 0.1 mg/kg
		Trans-Chlordane		0.01 mg /kg to 0.1 mg/kg
		Heptachlor.		0.01 mg /kg to 150 mg /kg
		PCBs		0.01 mg /kg to 150 mg /kg
		2,4'-DDT		0.01 mg /kg to 150 mg /kg
		4,4'-DDT		0.01 mg /kg to 150 mg /kg
		Alpha-BHC		0.01 mg /kg to 150 mg /kg
		Beta-BHC		0.01 mg /kg to 150 mg /kg
		Gamma-BHC		0.01 mg /kg to 150 mg /kg
		Delta-BHC		0.01 mg /kg to 150 mg /kg

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		Ethoxyquin	(EIA/CH/SOPC/30/107) (Issue No: 2, Issue Date: 01-07-2013)	50 µg/g mg /kg to 500µg/kg
		Pendimethalin	EIA/CH/SOPC/30/100 (Issue No:1, Issue date:27-12-2013)	5 µg/kg to 5000 µg/kg
		Trifluralin		5 µg/kg to 5000 µg/kg
		Dioxins & Furans:		
		2378-TCDD	EIA/CH/SOPC/30/139 (Issue No: 1, Issue Date: 12-08-2014)	0.0625 pg/g to 10 pg/g
		12378-PeCDD		0.3125 pg/g to 50pg/g
		123478-HxCDD		0.3125 pg/g to 50pg/g
		123678-HxCDD		0.3125 pg/g to 50pg/g
		123789-HxCDD		0.3125 pg/g to 50pg/g
		1234678-HpCDD		0.3125 pg/g to 50pg/g
		OCDD		0.625pg/g to 100pg/g
		2378-TCDF		0.0625 pg/g to 10 pg/g
		12378-PeCDF		0.3125 pg/g to 50pg/g
		23478-PeCDF		0.3125 pg/g to 50pg/g
		123478-HxCDF		0.3125 pg/g to 50pg/g
		123678-HxCDF		0.3125 pg/g to 50pg/g
		234678-HxCDF		0.3125 pg/g to 50pg/g
		123789-HxCDF		0.3125 pg/g to 50pg/g
		1234678-HpCDF		0.3125 pg/g to 50pg/g
		1234789-HpCDF		0.3125 pg/g to 50pg/g
		OCDF		0.625pg/g to 100pg/g
		Dioxins like PCBs:		
		TeCB-77	EIA/CH/SOPC/30/139 (Issue No: 1, Issue Date: 12-08-2014)	0.0625pg/g to 25 pg/g
		PeCB-105		1.25 pg/g to 125 pg/g
		PeCB-114		1.25 pg/g to 125 pg/g
		PeCB-118		1.25 pg/g to 125 pg/g
		PeCB-123		1.25 pg/g to 125 pg/g

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		PeCB-126		1.25 pg/g to 125 pg/g
		HxCB-156		2.5 pg/g to 250 pg/g
		HxCB-157		2.5 pg/g to 250 pg/g
		HxCB-167		2.5 pg/g to 250 pg/g
		HxCB-169		2.5 pg/g to 250 pg/g
		HpCB-189		2.5 pg/g to 250 pg/g
b.	Muscle meat	Metal residue:		
		Cadmium	EIA/CH/SOPC/30/1 (Issue No:1, Issue date:10-07-2012)	0.02 mg/kg to 100 mg/kg
c.	Fish & Fishery Products, Cephalopods, Crustaceans	Metal residue:		
		Cadmium	EIA/CH/SOPC/30/1 (Issue No:1, Issue date:10-07-2012)	0.05 mg/kg to 100 mg/kg
		Mercury		0.09 mg/kg to 100 mg/kg
		Arsenic		mg/kg to 100 mg/kg
		Lead		0.05 mg/kg to 100 mg/kg
		Methyl Mercury	EIA/CH/SOPC/30/3 (Issue No:1, Issue date:10-08-2013)	0.03 mg/kg to 2 mg/kg
II.	RESIDUE IN FOOD PRODUCTS			
1.	Poultry meat & Poultry meat products	Metal residue:		
		Cadmium	EIA/CH/SOPC/30/1 (Issue No: 1, Issue Date: 10-07-2012)	0.02 mg/kg o 100 mg/kg
		Mercury		0.09 mg/kg to 100 mg/kg
		Arsenic		0.1 mg/kg to 100 mg/kg
		Lead		0.02 mg/kg to 100 mg/kg
		Antibiotics residue:		
		Chloramphenicol	EIA/CH/SOPC/30/9 (Issue No: 3, Issue Date: 10-04-2014)	0.1 µg/kg to 1.0 µg/kg

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		Nitrofurans Metabolites:		
		3-amino-5-morpholinomethyl-1,3-oxazolidin [AMOZ]	EIA/CH/SOPC/30/11 (Issue No: 3, Issue Date: 07-05-2014)	0.2 µg/kg to 5 µg/kg
		3-amino-oxazolidinone [AOZ]		0.2 µg/kg to 5 µg/kg
		Semicarbazide [SEM]		0.2 µg/kg to 5 µg/kg
		1-aminohydantoin [AHD]		0.2 µg/kg to 5 µg/kg
		Nitromidazoles:		
		Ronidazole [RNZ]	EIA/CH/SOPC/30/102 (Issue No: 1, Issue Date: 20-12-2013)	0.34 µg/kg to 20 µg/kg
		Dimetridazole [DMZ]		0.34 µg/kg to 20 µg/kg
		Metronidazole [MNZ]		0.31 µg/kg to 20 µg/kg
		Ipronidazole [IPZ]		0.24 µg/kg to 20 µg/kg
		Anthelmintics: (Muscle/Fat)		
		Flubendazole [FLU]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	10 µg/kg to 400µg/kg
		Fenbendazole [FEN]		10 µg/kg to 400µg/kg
		Mebendazole [MEB]		10 µg/kg to 400µg/kg
		Alabedazole [ABZ]		10 µg/kg to 400µg/kg
		Anthelmintics: (Liver)		
		Flubendazole [FLU]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Fenbendazole [FEN]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Mebendazole [MEB]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Alabedazole [ABZ]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg

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		Anthelmintics:(Kidney)		
		Flubendazole [FLU]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Fenbendazole [FEN]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Mebendazole [MEB]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Alabedazole [ABZ]	EIA/CH/SOPC/30/117 (Issue No: 1, Issue Date: 10-12-2012)	50 µg/kg to 800µg/kg
		Quinolones : (Muscle)		
		Ciprofloxacin [CIP]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 200µg/kg
		Difloxacin [DIF]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	100 µg/kg to 1000µg/kg
		Enrofloxacin [ENR]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 200µg/kg
		Oxolinic acid [OXO]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	20 µg/kg to 500µg/kg
		Nalidixic acid	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 200µg/kg
		Flumequiene [FLU]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	50 µg/kg to 500µg/kg
		Amoxicillin [AMOX]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 200µg/kg

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		Quinolones : (Fat)		
		Difloxacin [DIF]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	100 µg/kg to 1000µg/kg
		Enrofloxacin [ENR]		10 µg/kg to 200µg/kg
		Oxolinic acid [OXO]		10 µg/kg to 200µg/kg
		Flumequiene [FLU]		50 µg/kg to 500µg/kg
		Amoxicillin [AMOX]		10 µg/kg to 200µg/kg
		Quinolones : (Liver)		
		Difloxacin [DIF]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	500 µg/kg to 2500µg/kg
		Enrofloxacin [ENR]		10 µg/kg to 200µg/kg
		Oxolinic acid [OXO]		20 µg/kg to 500µg/kg
		Flumequiene [FLU]		200 µg/kg to 2000µg/kg
		Amoxicillin [AMOX]		10 µg/kg to 200µg/kg
		Quinolones : (Kidney)		
		Difloxacin [DIF]	EIA/CH/SOPC/30/103 (Issue No: 1, Issue Date: 02-12-2013)	100 µg/kg to 1000µg/kg
		Enrofloxacin [ENR]		10 µg/kg to 200µg/kg
		Oxolinic acid [OXO]		20 µg/kg to 500µg/kg
		Flumequiene [FLU]		200 µg/kg to 2000µg/kg
		Amoxicillin [AMOX]		10 µg/kg to 200µg/kg
		Tetracycline & its epimers:		
		Chlorotetracycline 4-epi-Chloro tetracycline	EIA/CH/SOPC/30/12 (Issue No: 1, Issue Date: 01-10-2013)	10 µg/kg to 500µg/kg
		Oxytetracycline 4-epi- Oxytetracycline		10 µg/kg to 500µg/kg
		Tetracycline 4-epi-tetracycline		10 µg/kg to 500µg/kg
		Doxycycline		10 µg/kg to 500µg/kg

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		Sulphonamides		
		Sulfamethazine [SMZ]	EIA/CH/SOPC/30/13 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 200µg/kg
		Sulfadiazine [SDZ]		10 µg/kg to 200µg/kg
		Sulfamonomethoxine [SMM]		10 µg/kg to 200µg/kg
		Sulfamethoxazole [SMX]		10 µg/kg to 200µg/kg
		Sulfamerazine [SMRZ]		10 µg/kg to 200µg/kg
		Sulfadimethoxine [SDM]		10 µg/kg to 200µg/kg
		Sulfadoxine [SDX]		10v to 200µg/kg
		Sulfanilamide [SA]		10 µg/kg to 200µg/kg
		Sulfamethoxy pyridazine [SMP]		10 µg/kg to 200µg/kg
		Sulfathiazole [STZ]		10 µg/kg to 200µg/kg
		Trimethoprim [TMP]		10 µg/kg to 200µg/kg
		Sulfadimidine [SDM]		10 µg/kg to 200µg/kg
		Stilbenes:		
		Diethylstilbestrol [DES]	EIA/CH/SOPC/30/121 (Issue No: 1, Issue Date: 20-12-2013)	0.3 µg/kg to 10 µg/kg
		Hexoestrol [HEX]		0.28 µg/kg to 10 µg/kg
		Dienoestrol [DE]		0.29 µg/kg to 10 µg/kg
		Steroids:		
		19-nortestosterone	EIA/CH/SOPC/30/121 (Issue No: 1, Issue Date: 20-12-2013)	0.28 µg/kg to 10µg/kg
		Testosterone		0.25 µg/kg to 10µg/kg
		Estradiol 17-β		0.28 µg/kg to 10µg/kg
		Trenbolone	EIA/CH/SOPC/30/120 (Issue No: 1, Issue Date: 17-12-2013)	0.32 µg/kg to 10µg/kg

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		Resorcylic acid lactones :		
		Taleranol	EIA/CH/SOPC/30/120 (Issue No: 1, Issue Date: 17-12-2013)	0.35 µg/kg to 10µg/kg
		Zearalaone		0.37 µg/kg to 10µg/kg
		Zeranol		0.35 µg/kg to 10µg/kg
		Beta- agonists:		
		Clenbuterol hydrochloride	EIA/CH/SOPC/30/123 (Issue No: 1, Issue Date: 27-12-2013)	0.34 µg/kg to 10µg/kg
		Salbutamol		0.36 µg/kg to 10µg/kg
		Mabuterol		0.38 µg/kg to 10µg/kg
		NSAID:		
		Phenyl butazone	EIA/CH/SOPC/30/118 (Issue No: 1, Issue Date: 02-12-2013)	0.5 µg/kg to 100 µg/kg
		Anticoccidials:(Muscle)		
		Lasaloic A	EIA/CH/SOPC/30/119 (Issue No: 1, Issue Date: 02-12-2013)	2 µg/kg to 100µg/kg
		Nicarbazine		0.5 µg/kg to 100µg/kg
		Anticoccidials: (Fat/Liver)		
		Lasaloic A	EIA/CH/SOPC/30/119 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 500µg/kg
		Anticoccidials: (Kidney)		
		Lasaloic A	EIA/CH/SOPC/30/119 (Issue No: 1, Issue Date: 02-12-2013)	10 µg/kg to 500µg/kg
		Nicarbazine		0.5 µg/kg to 100µg/kg
		Mycotoxin:		
		Aflatoxin (B1,B2,G1,G2)	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	0.5 µg/kg to 50 µg/kg
		Pesticide residue:		
		Alpha-BHC	EIA/CH/SOPC/30/100 (Issue No: 1, Issue Date: 27-12-2013)	0.01 mg/kg to 0.1 mg/kg
		Beta-BHC		0.01 mg/kg to 0.1 mg/kg
		Gamma-BHC		0.01 mg/kg to 0.1 mg/kg

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		Aldrin		0.01 mg/kg to 0.1 mg/kg
		2,4-DDT		0.01 mg/kg to 0.1 mg/kg
		4,4-DDT		0.01 mg/kg to 0.1 mg/kg
		Dieldrin		0.01 mg/kg to 0.1 mg/kg
		Endrin		0.01 mg/kg to 0.1 mg/kg
		Heptachlor		0.01 mg/kg to 0.1 mg/kg
		HCB		0.01 mg/kg to 0.1 mg/kg
		Cis-chlordane		0.01 mg/kg to 0.1 mg/kg
		Trans-Chlordane		0.01 mg/kg to 0.1 mg/kg
		PCB		0.01 mg/kg to 0.1 mg/kg
		Permethrin-1		0.01 mg/kg to 0.1 mg/kg
		Permethrin-2		0.01 mg/kg to 0.1 mg/kg
		Cyfluthrin-1		0.01 mg/kg to 0.1 mg/kg
		Cyfluthrin-2		0.01 mg/kg to 0.1 mg/kg
		Cypermethrin-1		0.01 mg/kg to 0.1 mg/kg
		Cypermethrin-2		0.01 mg/kg to 0.1 mg/kg
		Cypermethrin-3		0.01 mg/kg to 0.1 mg/kg
		Cypermethrin-4		0.01 mg/kg to 0.1 mg/kg
		Deltamethrin		0.01 mg/kg to 0.1 mg/kg
		Fenvelerate-1		0.01 mg/kg to 0.1 mg/kg
		Fenvelerate-2		0.01 mg/kg to 0.1 mg/kg
2.	Spices Condiments	Mycotoxin:- Aflatoxin (B1,B2,G1,G2)	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	0.5 µg/kg to 50 µg/kg
3.	Tea , Coffee & Coffee based foods	Metal residues:- Lead Copper	EIA/CH/SOPC/30/2 (Issue No: 1, Issue Date: 10-07-2012)	0.090 mg/kg to 10 mg/kg 0.100 mg/kg to 10 mg/kg

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4.	Biscuit & chocolate Wafer, Protein Powder, Soya protein	Metal residues:-	EIA/CH/SOPC/30/2 (Issue No: 1, Issue Date: 10-07-2012)	
		Copper		0.100 mg/kg to 10 mg/kg
		Arsenic		0.100 mg/kg to 10 mg/kg
		Cadmium		0.050 mg/kg to 10 mg/kg
		Lead		0.090 mg/kg to 10 mg/kg
5.	Wheat Flour, Maida, Barly, Corn Flour, Custard Powder, Malt Bare Food, Soya Flour, Oats, cereals	Mycotoxin:	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	
		Aflatoxin (B1,B2,G1,G2)		0.5 µg/kg to 50 µg/kg
6.	Fruit Juices, Fruit/Vegetable concentrate/ Puree Energy Drink	Metal residues:-	EIA/CH/SOPC/30/2 (Issue No: 1, Issue Date: 10-07-2012)	
		Copper		0.10 mg/kg to 10 mg/kg
		Arsenic		0.100 mg/kg to 10 mg/kg
		Cadmium		0.050 mg/kg to 10 mg/kg
		Lead		0.090 mg/kg to 10 mg/kg
7.	Pulses, Cerals & Grains, Rice	Mycotoxin:	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	
		Aflatoxin (B1,B2,G1,G2)		0.5 mg/kg to 50 µg/kg
		Pesticide residue;-		
		Aldrin	EIA/CH/SOPC/30/99 (Issue No: 1, Issue Date: 24-12-2013)	0.010 mg /kg to 100 mg /kg
		Diieldrin		0.010 mg /kg to 100 mg /kg
		Cis-chlordane		0.010 mg /kg to 100 mg /kg
		Trans-chlordane		0.010 mg /kg to 100 mg /kg
		2,4-DDT		0.050 mg /kg to 100 mg /kg
		4,4-DDT		0.050 mg /kg to 100 mg /kg
		Alpha-endosulfan		0.050 mg /kg to 100 mg /kg
Beta-endosulfan		0.050 mg /kg to 100 mg /kg		
Endosulfan sulfate		0.050 mg /kg to 100 mg /kg		

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		Hexachlorobenzene		0.050 mg /kg to 100 mg /kg
		Alpha-BHC		0.050 mg /kg to 100 mg /kg
		Beta-BHC		0.050 mg /kg to 100 mg /kg
		Gamma-BHC		0.050 mg /kg to 100 mg /kg
		Delta-BHC		0.050 mg /kg to 100 mg /kg
		Fenitrothion		0.050 mg /kg to 100 mg /kg
		Malathion		0.050 mg /kg to 100 mg /kg
		Parathion		0.050 mg /kg to 100 mg /kg
		Paraoxon		0.050 mg /kg to 100 mg /kg
		Methyl parathion		0.050 mg /kg to 100 mg /kg
		Phosphamidon		0.05 mg /kg to 100 mg /kg
		Chlorpyrifos		0.05 mg /kg to 100 mg /kg
		Ethion		0.01 mg /kg to 100 mg /kg
		Phosalone		0.05 mg /kg to 100 mg /kg
		Phorate		0.05 mg /kg to 100 mg /kg
8.	Dry Fruits,Nuts, Peanut	Aflatoxin (B1,B2,G1,G2)	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	0.5 mg /kg to 50 µg/kg
9.	Fruits and Vegetables	Pesticide Residue :-		
		Aldrin	EIA/CH/SOPC/30/99 (Issue No: 1, Issue Date: 24-12-2013)	0.05 kg to 100 mg/kg
		Diieldrin		0.05 kg to 100 mg/kg
		Alpha-Endo Sulphan		0.05 kg to 100 mg/kg
		Beta-Endo Sulphan		0.05 kg to 100 mg/kg
		Endo Sulphan sulfite		0.05 kg to 100 mg/kg
		2,4'-DDT		0.05 kg to 100 mg/kg
		4,4'-DDT		0.05 kg to 100 mg/kg
		Alpha-BHC		0.05 kg to 100 mg/kg
		Beta-BHC		0.05 kg to 100 mg/kg
		Gamma-BHC		0.05 kg to 100 mg/kg
		Delta-BHC		0.05 kg to 100 mg/kg

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		Cis-chlordane		0.05 kg to 100 mg/kg
		Trans-Chlordane		0.05 kg to 100 mg/kg
		2,4-DDE		0.05 kg to 100 mg/kg
		2,4-DDD		0.05 kg to 100 mg/kg
		4,4-DDD		0.05 kg to 100 mg/kg
		Fenitrothion		0.05 kg to 100 mg/kg
		Malathion	EIA/CH/SOPC/30/99	0.05 kg to 100 mg/kg
		Parathion	(Issue No: 1, Issue Date: 24-12-2013)	0.05 kg to 100 mg/kg
		Paraoxon		0.05 kg to 100 mg/kg
		Methyl parathion		0.05 kg to 100 mg/kg
		Phosphamidon		0.05 kg to 100 mg/kg
		Chlorpyrifos		0.05 kg to 100 mg/kg
		Ethion		0.05 kg to 100 mg/kg
		Phosalone		0.05 kg to 100 mg/kg
		Phorate		0.05 kg to 100 mg/kg
		Hexachlorobenzene		0.05 kg to 100 mg/kg
10.	Skimmed Milk Products	Dioxins & Furans:		
		2378-TCDD	EIA/CH/SOPC/30/139	0.031 pg/g to 5 pg/g
		12378-PeCDD	(Issue No: 1, Issue Date: 12-08-2014)	0.156 pg/g to 25 pg/g
		123478-HxCDD		0.156 pg/g to 25 pg/g
		123678-HxCDD		0.156 pg/g to 25 pg/g
		123789-HxCDD		0.156 pg/g to 25 pg/g
		1234678-HpCDD		0.156 pg/g to 25 pg/g
		OCDD		0.313pg/g to 50 pg/g
		2378-TCDF		0.031 pg/g to 5 pg/g
		12378-PeCDF		0.156 pg/g to 25 pg/g
		23478-PeCDF		0.156 pg/g to 25 pg/g
		123478-HxCDF		0.156 pg/g to 25 pg/g
		123678-HxCDF		0.156 pg/g to pg/g

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		234678-HxCDF		0.156 pg/g to 25 pg/g
		123789-HxCDF		0.156 pg/g to 25 pg/g
		1234678-HpCDF		0.156 pg/g to 25 pg/g
		1234789-HpCDF		0.156 pg/g to 25 pg/g
		OCDF		0.313pg/g to 50 pg/g
		Dioxins like PCBs:		
		TeCB-77	EIA/CH/SOPC/30/139	0.0625pg/g to 25 pg/g
		PeCB-105	(Issue No: 1, Issue Date: 12-08-2014)	1.25 pg/g to 125 pg/g
		PeCB-114		1.25 pg/g to 125 pg/g
		PeCB-118		1.25 pg/g to 125 pg/g
		PeCB-123		1.25 pg/g to 125 pg/g
		PeCB-126		1.25 pg/g to 125 pg/g
		HxCB-156		2.5 pg/g to 250 pg/g
		HxCB-157		2.5 pg/g to 250 pg/g
		HxCB-167		2.5 pg/g to 250 pg/g
		HxCB-169		2.5 pg/g to 250 pg/g
		HpCB-189		2.5 pg/g to 250 pg/g
11.	Egg Products	Dioxins & Furans:		
		2378-TCDD	EIA/CH/SOPC/30/139	0.0625 pg/g to 10 pg/g
		12378-PeCDD	(Issue No: 1, Issue Date: 12-08-2014)	0.3125 pg/g to 50pg/g
		123478-HxCDD		0.3125 pg/g to 50pg/g
		123678-HxCDD		0.3125 pg/g to 50pg/g
		123789-HxCDD		0.3125 pg/g to 50pg/g
		1234678-HpCDD		0.3125 pg/g to 50pg/g
		OCDD		0.625pg/g to 100pg/g
		2378-TCDF		0.0625 pg/g to 10 pg/g
		12378-PeCDF		0.3125 pg/g to 50pg/g
		23478-PeCDF		0.3125 pg/g to 50pg/g
		123478-HxCDF		0.3125 pg/g to 50pg/g

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		123678-HxCDF		0.3125 pg/g to 50pg/g
		234678-HxCDF		0.3125 pg/g to 50pg/g
		123789-HxCDF		0.3125 pg/g to 50pg/g
		1234678-HpCDF		0.3125 pg/g to 50pg/g
		1234789-HpCDF		0.3125 pg/g to 50pg/g
		OCDF		0.625 pg/g to 100pg/g
		Dioxins like PCBs:		
		TeCB-77	EIA/CH/SOPC/30/139	0.0625 pg/g to 25 pg/g
		PeCB-105	(Issue No: 1, Issue Date: 12-08-2014)	1.25 pg/g to 125 pg/g
		PeCB-114		1.25 pg/g to 125 pg/g
		PeCB-118		1.25 pg/g to 125 pg/g
		PeCB-123		1.25 pg/g to 125 pg/g
		PeCB-126		1.25 pg/g to 125 pg/g
		HxCB-156		2.5 pg/g to 250 pg/g
		HxCB-157		2.5 pg/g to 250 pg/g
		HxCB-167		2.5 pg/g to 250 pg/g
		HxCB-169		2.5 pg/g to 250 pg/g
		HpCB-189		2.5 pg/g to 250 pg/g
12.	Guar gum & Guar Products	Dioxins & Furans:		
		2378-TCDD	EIA/CH/SOPC/30/139	0.031 pg/g to 5 pg/g
		12378-PeCDD	(Issue No: 1, Issue Date: 12-08-2014)	0.156 pg/g to 25 pg/g
		123478-HxCDD		0.156 pg/g to 25 pg/g
		123678-HxCDD		0.156 pg/g to 25 pg/g
		123789-HxCDD		0.156 pg/g to 25 pg/g
		1234678-HpCDD		0.156 pg/g to 25 pg/g
		OCDD		0.313 pg/g to 50 pg/g
		2378-TCDF		0.031 pg/g to 5 pg/g
		12378-PeCDF		0.156 pg/g to 25 pg/g
		23478-PeCDF		0.156 pg/g to 25 pg/g

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		123478-HxCDF		0.156 pg/g to 25 pg/g
		123678-HxCDF		0.156 pg/g to 25 pg/g
		234678-HxCDF		0.156 pg/g to 25 pg/g
		123789-HxCDF		0.156 pg/g to 25 pg/g
		1234678-HpCD		0.156 pg/g to 25 pg/g
		1234789-HpCDF		0.156 pg/g to 25 pg/g
		OCDF		0.313 pg/g to 50 pg/g
		Pentachlorophenol	EIA/CH/SOPC/30/140 (Issue No: 1, Issue Date: 12-03-2015)	5 µg/kg to 200 µg/kg
		Dioxins like PCBs:		
		TeCB-77	EIA/CH/SOPC/30/139 (Issue No: 1, Issue Date: 12-08-2014)	0.0625 pg/g to 25 pg/g
		PeCB-105		1.25 pg/g to 125 pg/g
		PeCB-114		1.25 pg/g to 125 pg/g
		PeCB-118		1.25 pg/g to 125 pg/g
		PeCB-123		1.25 pg/g to 125 pg/g
		PeCB-126		1.25 pg/g to 125 pg/g
		HxCB-156		2.5 pg/g to 250 pg/g
		HxCB-157		2.5 pg/g to 250 pg/g
		HxCB-167		2.5 pg/g to 250 pg/g
		HxCB-169		2.5 pg/g to 250 pg/g
		HpCB-189		2.5 pg/g to 250 pg/g
III.	WATER			
1.	Water for processed food industry	Organoleptic /physical parameters:		
		Colour	EIA/CH/SOPC/30/75 (Issue No: 2, Issue Date: 13-10-2014)	2 Hazen units to 500 Hazen units
		Turbidity	EIA/CH/SOPC/30/76 (Issue No: 2, Issue Date: 22-05-2014)	1 NTU to 100 NTU

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		Odour	EIA/CH/SOPC/30/77 (Issue No: 1, Issue Date: 18-02-2013)	Qualitative (Agreeable/disagreeable)
		pH	EIA/CH/SOPC/30/78 (Issue No:1, Issue date:18-02-2013)	1to 14
		Total Solids	EIA/CH/SOPC/30/79 (Issue No: 2, Issue Date: 13-10-2014)	10 mg/L to 2000 mg/L
		Total Hardness	EIA/CH/SOPC/30/80 (Issue No: 2, Issue Date: 13-10-2014)	1 mg/L to 1000 mg/L
		Chemical parameters:		
		Sulphate	EIA/CH/SOPC/30/81 (Issue No: 2, Issue Date: 22-05-2014)	1 mg/L to 200 mg/L
		Fluoride	EIA/CH/SOPC/30/82 (Issue No: 2, Issue Date: 13-10-2014)	0.1 mg/L to 50 mg/L
		Chloride	EIA/CH/SOPC/30/83 (Issue No: 2, Issue Date: 13-10-2014)	1 mg/L to 750 mg/L
		Cyanide	EIA/CH/SOPC/30/84 (Issue No: 2, Issue Date: 13-10-2014)	0.002 mg/L to 0.02 mg/L
		Magnesium	EIA/CH/SOPC/30/5 (Issue No:1, Issue date:10-07-2012)	0.010 mg/L to 100mg/L
		Manganese	EIA/CH/SOPC/30/5 (Issue No:1, Issue date:10-07-2012)	0.005 mg/L to 1mg/L
		Nitrate as N	EIA/CH/SOPC/30/87 (Issue No: 2, Issue Date: 13-10-2014)	1 mg/L to 200 mg/L

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		Phenolic compounds	EIA/CH/SOPC/30/88) (Issue No: 2, Issue Date: 13-10-2014)	0.001 mg/L to 5 mg/L
IV.	RESIDUE IN WATER			
1.	Water for processed food industry	Metal residue:		
		Cadmium	EIA/CH/SOPC/30/5 (Issue No:1, Issue date:10-07-2012)	0.005 mg/L to 1mg/L
		Lead		0.005 mg/L to 1mg/L
		Chromium		0.010 mg/L to 1mg/L
		Arsenic		0.005 mg/L to 1mg/L
		Mercury		0.001 mg/L to 1mg/L
		Copper		0.005 mg/L to 1mg/L
		Iron		0.010 mg/L to 1mg/L
		Zinc		0.010 mg/L to 1mg/L
		Selenium		0.005 mg/L to 1mg/L
		Pesticide residue:		
		Malathion	APHA 2012, 22 ND edition No 6630	0.1 µg/L to 100 µg/L
		Parathion methyl		0.1 µg/L to 100 µg/L
		Fenitrothion		0.1 µg/L to 100 µg/L
		Diazinon		0.1 µg/L to 100 µg/L
		Fenthion		0.1 µg/L to 100 µg/L
		Deltamethrin		0.1 µg/L to 100 µg/L
		Alpha-BHC		0.1 µg/L to 100 µg/L
		Beta-BHC		0.1 µg/L to 100 µg/L
		Gamma-BHC		0.1 µg/L to 100 µg/L
		Delta-BHC		0.1 µg/L to 100 µg/L
		2,4-DDT		0.1 µg/L to 100 µg/L
		4,4-DDT		0.1 µg/L to 100 µg/L
		phosalone		0.1 µg/L to 100 µg/L
		Ethion		0.1 µg/L to 100 µg/L

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		Chlorpyrifos		0.1 µg/L to 100 µg/L
		Cypermethrin		0.1 µg/L to 100 µg/L
		fenvalarate		0.1 µg/L to 100 µg/L
		Permethrin		0.1 µg/L to 100 µg/L
		Aldrin		0.1 µg/L to 100 µg/L
		Dieldrin		0.1 µg/L to 100 µg/L
		Cis-chlordane		0.1 µg/L to 100 µg/L
		Trans-chlordane		0.1 µg/L to 100 µg/L
		Endrin		0.1 µg/L to 100 µg/L
		Endrin aldehyde		0.1 µg/L to 100 µg/L
		Endrin ketone		0.1 µg/L to 100 µg/L
		Pirimiphos methyl		0.1 µg/L to 100 µg/L
V.	ANIMAL FOOD & FEEDS			
1.	Feed and Feed Additives	Chloramphenicol	EIA/CH/SOPC/30/9 (Issue No: 3, Issue Date: 10.04.2014)	0.18 mg/kg to 1.0ug/Kg
		Furaltadone [FTD]	EIA/CH/SOPC/30/106 (Issue No: 1, Issue Date: 05-10-2012)	0.5 mg/kg to 20mg/kg
		Nitrofurazone [NFZ]		0.5 mg/kg to 20mg/kg
		Nitrofurantoin [NFT]		0.5 mg/kg to 20mg/kg
		Furazolidone [FZD]		0.5 mg/kg to 20mg/kg
		Nitrovin [NTV]		0.5 mg/kg to 20mg/kg
		Ethoxyquin	EIA/CH/SOPC/30/107 (Issue No: 2, Issue Date: 01-07-2013)	0.2 mg/kg to 200 mg/kg
		Mycotoxin:		
		Aflatoxin (B1,B2,G1,G2)	EIA/CH/SOPC/30/14 (Issue No: 2, Issue Date: 01-07-2013)	0.5 to 500 µg/kg

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VI.	FOOD AND AGRICULTURAL PRODUCTS			
1.	Spices Condiments	General Quality Parameters:		
		Extraneous Matter	EIA/CH/SOPC/30/060 (Issue No: 2, Issue Date: 13-10-2014)	0.01% to 50 %
		Moisture	EIA/CH/SOPC/30/15 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 25 %
		Total Ash	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 15 %
		Acid insoluble ash	EIA/CH/SOPC/30/19 (Issue No: 2, Issue Date: 13-10-2014)	0.01% to 2 %
		Volatile Matter	EIA/CH/SOPC/30/20 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 25 %
		Starch Content	EIA/CH/SOPC/30/124 (Issue No: 1, Issue Date: 01-10-2013)	0.5% to 100%
		Lead Cromate	EIA/CH/SOPC/30/125 (Issue No: 2, Issue Date: 13-10-2014)	Qualitative (Present/Absent)
2.	Dried Ginger	Extraneous Matter	EIA/CH/SOPC/30/060 (Issue No: 2, Issue Date: 13-10-2014)	0.01% to 50 %
		Total ash on dry basis (Unbleached)	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 15%
3.	Tea , Coffee & Coffee based foods	Chemical parameters:		
		Moisture	EIA/CH/SOPC/30/15 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 20 %

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		Total ash	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	1% to 15%
		Water Soluble Ash of Total Ash	EIA/CH/SOPC/30/24 (Issue No: 2, Issue Date: 13-10-2014)	5% to 100%
		Acid insoluble ash	EIA/CH/SOPC/30/19 (Issue No: 2, Issue Date: 13-10-2014)	0.01% to 2%
		Alkalinity of water soluble ash	EIA/CH/SOPC/30/26 (Issue No: 2, Issue Date: 13-10-2014)	0.5% to 10%
		Water Extract	EIA/CH/SOPC/30/27 (Issue No: 2, Issue Date: 13-10-2014)	1% to 50%
		Crude Fiber	EIA/CH/SOPC/30/28 (Issue No: 2, Issue Date: 13-10-2014)	1% to 35%
		Caffeine	EIA/CH/SOPC/30/111 (Issue No: 1, Issue Date: 20-09-2015)	0.0005% to 10%
4.	Biscuit & chocolate Wafer, Protein Powder, Soya protein	Acidity of extracted fat (as oleic acid)	EIA/CH/SOPC/30/32 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 5%
		Ash insoluble in dil. HCl (on dry basis)	EIA/CH/SOPC/30/19 (Issue No: 2, Issue Date: 13-10-2014)	0.01 % to 2%
		Moisture	EIA/CH/SOPC/30/15 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 15 %
		Total Ash	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 10 %

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		Total Fat	EIA/CH/SOPC/30/66 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 100 %
		Protein	EIA/CH/SOPC/30/44 (Issue No: 2, Issue Date: 18-08-2014)	0.1 % to 100 %
		Energy	EIA/CH/SOPC/30/126 (Issue No: 2, Issue Date: 22-06-2015)	5 kcal/100g to 1200kcal/100g
		Carbohydrate	EIA/CH/SOPC/30/127 (Issue No: 01, Issue Date: 10-01-2013)	1% to 100%
		Vitamins:		
		Retinol (Vit-A)	EIA/CH/SOPC/30/116 (Issue No: 1, Issue Date: 30-10-2014)	0.08% to 0.5%
		Thiamine hydrochloride (Vit-B1)		0.08% to 0.5%
		Riboflavin (Vit- B2)		0.08% to 0.5%
		Niacin (Vit-B3)		0.08% to 0.5%
		Folic Acid (Vit-B9)		0.08% to 0.5%
		Ascorbic Acid (Vit-C)		0.08% to 0.5%
5.	Jam & Jelly	Sulphite as SO ₂	EIA/CH/SOPC/30/05 (Issue No: 2, Issue Date: 10-09-2014)	1 mg/kg to 600 mg/kg
6.	Sausages	Sulphite as SO ₂	EIA/CH/SOPC/30/05 (Issue No: 2, Issue Date: 10-09-2014)	1 mg/kg to 600 mg/kg
7.	Wheat Flour, Maida, Barly, Corn Flour, Custard Powder, Malt Bare Food, Soya Flour, Oats, cereals	Moisture	EIA/CH/SOPC/30/15 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 30 %
		Extraneous Matter	EIA/CH/SOPC/30/060 (Issue No: 2, Issue Date: 13-10-2014)	0.01 % to 50

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		Acid insoluble ash	EIA/CH/SOPC/30/19 (Issue No: 2, Issue Date: 13-10-2014)	0.01 % to 5 %
		Total Ash	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 20 %
		Protein	EIA/CH/SOPC/30/44 (Issue No: 2, Issue Date: 18-08-2014)	0.1 % to 100 %
		Crude Fiber	EIA/CH/SOPC/30/28 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 25%
		Total Dietary fibre	EIA/CH/SOPC/30/136 (Issue No: 1, Issue Date: 15-09-2014)	0.1 % to 80%
8.	Edible Oil	Acid value	EIA/CH/SOPC/30/46 (Issue No: 2, Issue Date: 13-10-2014)	0.1 to 15
		Iodine Value	(EIA/CH/SOPC/30/47 (Issue No: 2, Issue Date: 13-10-2014)	5 to 200
		Saponification Value	EIA/CH/SOPC/30/131 (Issue No: 2, Issue Date: 13-10-2014)	1 to 500
		Un- Saponification Value	EIA/CH/SOPC/30/130 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 10%
		Mineral oil	EIA/CH/SOPC/30/48 (Issue No: 2, Issue Date: 13-10-2014)	Qualitative (Present/absent)
		R.I at 40 ^o C	EIA/CH/SOPC/30/52 (Issue No: 2, Issue Date: 10-10-2014)	1.32450 to 1.70050

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		Castor oil	EIA/CH/SOPC/30/50 (Issue No: 2, Issue Date: 13-10-2014)	Qualitative (Present/absent)
		Argemone oil	EIA/CH/SOPC/30/51 (Issue No: 2, Issue Date: 13-10-2014)	Qualitative (Present/absent)
9.	Fruit Juices, Fruit/ Vegetable concentrate / Puree &Energy Drink	TSS	EIA/CH/SOPC/30/52 (Issue No: 2, Issue Date: 10-10-2014)	1 % to 80%
		Acidity	EIA/CH/SOPC/30/53 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 10%
		Caffeine	EIA/CH/SOPC/30/111 (Issue No: 1, Issue Date: 20-10-2013)	0.0005 % to 10%
		Vitamins:		
		Retinol (Vit-A)	EIA/CH/SOPC/30/116 (Issue No: 1, Issue Date: 30-10-2014)	10 mg/kg to 2000mg/kg
		Thiamine hydrochloride(Vit-B1)		10 mg/kg to 2000mg/kg
		Riboflavin (Vit- B2)		10 mg/kg to 2000mg/kg
		Niacin (Vit-B3)		10 mg/kg to 2000mg/kg
		Folic Acid (Vit-B9)		10 mg/kg to 2000mg/kg
		Ascorbic Acid(Vit-C)		10 mg/kg to 2000mg/kg
10.	Pulses, Cereals & Grains, Rice	Moisture	EIA/CH/SOPC/30/015 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 20 %
		Foreign Matter	EIA/CH/SOPC/30/60 (Issue No: 2, Issue Date: 13-10-2014)	0.01 % to 10%
		Organic Matter		0.01 % to 10%
		Mineral Matter		0.01 % to 10%
		Other edible grains		0.01 % to 50 %
		Damaged grains		0.01 % to 50 %
		Weevil led grains		0.01 % to 50 %

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
11.	Dry Fruits,Nuts, Peanut	Moisture	EIA/CH/SOPC/30/015 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 20 %
12.	Milk & Milk Product	Moisture	EIA/CH/SOPC/30/15 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 20 %
		Protein	EIA/CH/SOPC/30/44 (Issue No: 2, Issue Date: 18-08-2014)	0.1 % to 90 %
		Fat	EIA/CH/SOPC/30/66 (Issue No: 2, Issue Date: 13-10-2014)	0.1% to 100 %
		Insolubility Index	EIA/CH/SOPC/30/67 (Issue No: 1, Issue Date: 16-09-2015)	0.1 ml to 3 ml
		Ash content	EIA/CH/SOPC/30/18 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 15 %
		Acidity	EIA/CH/SOPC/30/52 (Issue No: 2, Issue Date: 13-10-2014)	0.1 % to 10.0 %
13.	Salt	Salt as NaCl	EIA/CH/SOPC/30/134 (Issue No: 2, Issue Date: 15-09-2014)	1% to 100%
14.	Egg Products	Protein	EIA/CH/SOPC/30/44 (Issue No:2, Issue date:18-08-2014)	0.1%to 70 %
		Fat	EIA/CH/SOPC/30/66 (Issue No:2, Issue date:13-10-2014)	0.1% to 70 %
		pH	EIA/CH/SOPC/30/135 (Issue No:1, Issue date:18-02-2013)	1 to 14

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Moisture	EIA/CH/SOPC/30/15 (Issue No:2, Issue date:13-10-2014)	0.1% to 20 %
		Ash	EIA/CH/SOPC/30/18 (Issue No:2, Issue date:13-10-2014)	0.1% to 10 %
		Egg shell residue and other extraneous matter	EIA/CH/SOPC/30/72A (Issue No:2, Issue date:04-01-2016)	10 mg/kg to 500mg/kg