

Laboratory	Export Inspection Agency, 6th Floor, C.M.D.A. Tower-II, 1-Gandhi Irvin Road, Egmore, Chennai, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	31.03.2014
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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	Fish & Fishery Product	Physicochemical Parameters :-		
		Moisture content	IS – 14950: 2001 (EIA/CH/SOPC/30/15)	0.1 – 50%
		Acid Insoluble ash	IS – 14950: 2001 (EIA/CH/SOPC/30/16)	0.01 – 2.0 %
		Metal residue: -		
		Cadmium	AOAC 19 th Ed. 2012 , 999.10 (EIA/CH/SOPC/30/1)	50µg/kg-10 mg/kg
		Mercury	AOAC 19 th Ed. 2012, 974.14 (EIA/CH/SOPC/30/2)	90µg/kg-10 mg/kg
		Arsenic	AOAC 19 th Ed. 2012; 986.15 (EIA/CH/SOPC/30/3)	100µg/kg-10 mg/kg
		Lead	AOAC 19 th Ed. 2012, 999.10 (EIA/CH/SOPC/30/4)	90µg/kg-10 mg/kg
		Methyl Mercury	Bull Environ Contam Toxicol (2009) 83:210-213 (EIA/CH/SOPC/30/2-1)	30µg/kg-1 mg/kg
		Food additives: -		
		Sulphite as SO ₂	AOAC 19 th Ed. 2012 Ch.47.3.43 (EIA/CH/SOPC/30/5)	5-400 mg/kg
		Phosphate as P ₂ O ₅	AOAC 19 th Ed. 2012,995.11 (EIA/CH/SOPC/30/6)	5-5000 mg/kg

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		Spoilage indicators: -		
		TVBN	J. Biochem., 1933, 27 419-429 (EIA/CH/SOPC/30/7)	5-30 mg/100g
		Histamine	J. Chrom. A, 2004, Vol-1032, page 79-85 (EIA/CH/SOPC/30/8)	50-600 mg/kg
		Antibiotics residue: -		
		Chloramphenicol [CAP]	AFSSA Fougères-2000 (EIA/CH/SOPC/30/9)	0.3 -5.0 µg/kg
		Nitrofurans		
		Furaltadone [FTD]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	0.5 -20µg/kg
		Nitrofurazone [NFZ]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	0.5 -20µg/kg
		Nitrofurantoin [NFT]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	0.5 -20µg/kg
		Furazolidone [FZD]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	0.5 -20µg/kg
		Nitrofurans Metabolites		
		3-amino-5-morpholinomethyl-1,3-oxazolidin [AMTZ]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	1.0 -5 µg/kg
		3-amino-oxazolidinone [AOZ]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	1.0 -5 µg/kg

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		Semicarbazide [SEM]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	1.0 -5 µg/kg
		1-aminohydantoin [AHD]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	1.0 -5 µg/kg
		Nitroimidazole		
		Ronidazole [RNZ]	EIA/CH/SOPC/30/102	0.5 -20µg/kg
		Dimetridazole [DMZ]	EIA/CH/SOPC/30/102	0.5 -20µg/kg
		Metronidazole [MNZ]	EIA/CH/SOPC/30/102	0.5 -20µg/kg
		Iprnidazole [IPZ]	EIA/CH/SOPC/30/102	0.5 -20µg/kg
		Quinolones		
		Ciprofloxacin [CIP]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Difloxacin [DIF]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Enrofloxacin [NOR]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Oxalinic acid [OXO]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Nalidixic acid	EIA/CH/SOPC/30/103	10 -100µg/kg
		Flumequiene [FLU]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Tetracyclines		
		Chlorotetracycline 4-epi- Chlorotetracycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg

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		Oxytetracycline 4-epi- Oxytetracycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Tetracycline 4-epi-tetracycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Doxycycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Sulfonamides		
		Sulfamethazine [SMZ]	J.AOAC, Int, 1994 Vol 77,No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadiazine [SDZ]	J.AOAC, Int, 1994 Vol 77,No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamonomethoxine [SMM]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamethoxazole [SMX]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamerazine [SMRZ]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadimethoxine [SDM]	J.AOAC, Int, 1994 Vol 77,No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadoxine [SDX]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfanilamide [SA]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg

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		Sulfamethoxypyridazine [SMP]	J.AOAC, Int, 1994 Vol 77, No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfathiazole [STZ]	J.AOAC, Int, 1994 Vol 77, No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Avermectin:		
		Ivermectin [IVR]	EIA/CH/SOPC/30/105	2 -20µg/kg
		Doramectin [DOR]	EIA/CH/SOPC/30/105	2 -20µg/kg
		Moxidectin [MOX]	EIA/CH/SOPC/30/105	2 -20µg/kg
		Dyes		
		Malachite green [MG]	EIA/CH/SOPC/30/104	0.5 -5 µg/kg
		Leucomalachite green [LMG]	EIA/CH/SOPC/30/104	0.5 -5 µg/kg
		Crystal violet [CV]	EIA/CH/SOPC/30/104	0.5 -5 µg/kg
		Leucocrystal Violet [LCV]	EIA/CH/SOPC/30/104	0.5 -5 µg/kg
		Stilbenes		
		Diethyl stilbestrol	EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Steroid		
		Estradiol	EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Toxins:-		
		Aflatoxin (B1,B2,G1,G2)	Food Add. & Cont. 2009, 26(10) (EIA/CH/SOPC/30/14)	0.5 –50 µg/kg

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		Pesticide Residue		
		Aldrin,	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Dieldrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Endrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Alpha-Endo Sulphan	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Beta-Endo Sulphan	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Endo Sulphan sulfate	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Heptachlor.	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		PCBs	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		2,4'-DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		4,4'-DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Alpha-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg

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		Beta-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Gamma-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Delta-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	0.01 -150 mg /kg
		Ethoxyquin	(EIA/CH/SOPC/30/107)	5 -500µg/kg
		Pendimethalin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	5 -1000µg/kg
		Trifluralin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/101)	5 -1000µg/kg
2	Poultry meat & Poultry meat products	Metal residue: -		
		Cadmium	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/1)	50µg/kg-10 mg/kg
		Mercury	AOAC 19 th Ed. 2012 974.14 (EIA/CH/SOPC/30/2)	90µg/kg-10 mg/kg
		Arsenic	AOAC 19 th Ed. 2012 986.15 (EIA/CH/SOPC/30/3)	100µg/kg-10 mg/kg
		Lead	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/4)	90µg/kg-10 mg/kg
		Antibiotics residue: -		
		Chloramphenicol	AFSSA Fougères-2000 (EIA/CH/SOPC/30/9)	0.15 µg/kg-5.0µg/kg

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		Nitrofurans		
		Furaltadone [FTD]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	50 -1000µg/kg
		Nitrofurazone [NFZ]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	50 -1000µg/kg
		Nitrofurantoin [NFT]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	50 -1000µg/kg
		Furazolidone [FZD]	J. AOAC, 1994, Vol.73, No.2 (EIA/CH/SOPC/30/10)	50 -1000µg/kg
		Nitrofurans Metabolites		
		3-amino-5-morpholinomethyl-1,3-oxazolidin [AMTZ]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	0.5 -5 µg/kg
		3-amino-oxazolidinone [AOZ]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	0.5 -5 µg/kg
		Semicarbazide [SEM]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	0.5 -5 µg/kg
		1-aminohydantoin [AHD]	J. Chrom. A.2001, vol. 939 page49-58 (EIA/CH/SOPC/30/11)	0.5 -5 µg/kg
		Nitromidazoles:		
		Ronidazole [RNZ]	SOP : EIA/CH/SOPC/30/11	0.5 -20 µg/kg
		Dimetridazole [DMZ]	SOP : EIA/CH/SOPC/30/11	0.5 -20 µg/kg
		Metronidazole [MNZ]	SOP : EIA/CH/SOPC/30/11	0.5 -20 µg/kg

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		Iprnidazole [IPZ]	SOP : EIA/CH/SOPC/30/11	0.5 -20 µg/kg
		Anthelmintics:		
		Flubendazole [FLU]	SOP :EIA/CH/SOPC/30/117	10 -200µg/kg
		Fenbendazole [FEN]	SOP :EIA/CH/SOPC/30/117	10 -200µg/kg
		Mebendazole [MEB]	SOP :EIA/CH/SOPC/30/117	10 -200µg/kg
		Alabedazole [ABZ]	SOP :EIA/CH/SOPC/30/117	10 -200µg/kg
		Quinolones :		
		Ciprofloxacin [CIP]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Difloxacin [DIF]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Enrofloxacin [ENR]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Oxalinic acid [OXO]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Nalidixic acid	EIA/CH/SOPC/30/103	10 -100µg/kg
		Flumequiene [FLU]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Amoxicillin [AMOX]	EIA/CH/SOPC/30/103	10 -100µg/kg
		Tetracycline & its epimers		
		Chlorotetracycline	J. AOAC, 1990,73.5,813-816,	5 -200µg/kg
		4-epi-Chlorotetracycline	(EIA/CH/SOPC/30/12)	

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		Oxytetracycline 4-epi- Oxytetracycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Tetracycline 4-epi-tetracycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Doxycycline	J. AOAC, 1990,73.5,813-816, (EIA/CH/SOPC/30/12)	5 -200µg/kg
		Sulphonamides		
		Sulfamethazine [SMZ]	J.AOAC, Int,Vol 77,No 3,1994 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadiazine [SDZ]	J.AOAC, Int, 1994 Vol 77,No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamonomethoxine [SMM]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamethoxazole [SMX]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfamerazine [SMRZ]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadimethoxine [SDM]	J.AOAC, Int, 1994 Vol 77,No 3, (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfadoxine [SDX]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfanilamide [SA]	J.AOAC, Int, 1994 Vol 77,No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg

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		Sulfamethox- ypyridazine [SMP]	J.AOAC, Int, 1994 Vol 77, No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Sulfathiazole [STZ]	J.AOAC, Int, 1994 Vol 77, No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Trimethoprim [TMP]	J.AOAC, Int, 1994 Vol 77, No 3 (EIA/CH/SOPC/30/13)	10 -200µg/kg
		Stilbenes		
		Diethylstilbestrol [DES]	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Hexoestrol [HEX]	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Dienoestrol [DE]	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Steroids		
		19-nortestosterone	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Testosterone	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Estradiol 17-β	SOP :EIA/CH/SOPC/30/122	0.5 -5 µg/kg
		Resorcylic acid lactones		
		Taleranol	SOP :EIA/CH/SOPC/30/120	0.5 -20 µg/kg
		Zearalaone	SOP :EIA/CH/SOPC/30/120	0.5 -20 µg/kg
		Zeranol	SOP :EIA/CH/SOPC/30/120	0.5 -20 µg/kg

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		Beta- agonists		
		Clenbuterol hydrochloride	SOP :EIA/CH/SOPC/30/123	0.5 -20 µg/kg
		Salbutamol	SOP :EIA/CH/SOPC/30/123	0.5 -20 µg/kg
		Mabuterol	SOP :EIA/CH/SOPC/30/123	0.5 -20 µg/kg
		NSAID		
		Phenyl butazone	SOP :EIA/CH/SOPC/30/118	5 -200µg/kg
		Anticoccidials		
		Lasaloic A	SOP :EIA/CH/SOPC/30/119	5 -100µg/kg
		Nicarbazine	SOP :EIA/CH/SOPC/30/119	5 -100µg/kg
		Aflatoxin (B1,B2,G1,G2)	Food Add. & Cont. 2009, 26(10) (EIA/CH/SOPC/30/14)	0.5 –50 µg/kg
		Pesticide residue		
		Alpha-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Beta-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Gamma-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Aldrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg

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		2,4DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		4,4DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		Dieldrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		Endrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		Heptachlor	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		HCB	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		CisChlordane	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		TransChlordane	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		PCB	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Permethrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Cyfluthrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg

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3	Spices Condiments	Cypermethrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		Deltamethrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01- 0.1 mg/kg
		Fenvelerate	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		Pyrethrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/100)	0.01 - 0.1 mg/kg
		General Quality Parameters		
		Extraneous Matter	DGHS Manual EIA/CH/SOPC/30/132	0.1- 50 %
		Moisture	-do- (EIA/CH/SOPC/30/17)	0.1- 15 %
		Total Ash	-do- (EIA/CH/SOPC/30/18)	0.1- 10 %
		Acid insoluble ash	-do- (EIA/CH/SOPC/30/19)	0.01- 2 %
		Volatile Matter	-do- (EIA/CH/SOPC/30/20)	0.1 - 6 %
		Curcumin	(EIA/CH/SOPC/30/113)	5 - 1000mg/kg
		Starch Content	EIA/CH/SOPC/30/124	0.5- 100%

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		Lead Chromate	EIA/CH/SOPC/30/125	NA
		Mycotoxin:- Aflatoxin (B1,B2,G1,G2)	Food Add. & Cont. 2009, 26(10) (EIA/CH/SOPC/30/14)	0.5 µg/kg –50 µg/kg
4	Dried Ginger	Extraneous Matter	DGHS (EIA/CH/SOPC/30/128)	0.1- 5 %
		Total ash on dry basis (Unbleached)	-do- (EIA/CH/SOPC/30/21)	1 - 15%
5	Tea , Coffee & Coffee based foods	Chemical parameters Moisture	-do- (EIA/CH/SOPC/30/22)	1 - 15 %
		Total ash	-do- (EIA/CH/SOPC/30/23)	1 to 15%
		Water Soluble ash	-do- (EIA/CH/SOPC/30/24)	5- 100%
		Acid insoluble ash	-do- (EIA/CH/SOPC/30/25)	0.01 - 2%
		Alkalinity of water soluble ash	-do- (EIA/CH/SOPC/30/26)	0.5 - 10%
		Water Extract	-do- (EIA/CH/SOPC/30/27)	1- 50%
		Crude Fiber	IS: 10226 (PT1) 1982 (EIA/CH/SOPC/30/28)	0.5 - 25%

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		Caffeine	(EIA/CH/SOPC/30/111)	5mg/kg – 10%
		Metal residues:-		
		Lead	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/30)	90µg/kg - 10 mg/kg
		Copper	AOAC 19 th Ed. 2012 971.20 (EIA/CH/SOPC/30/31)	100 µg /kg - 10 mg/kg
6	Biscuit & chocolate Wafer, Protein Powder, Soya protein and other food Including Proprietary foods	Acidity of extracted fat (as oleic acid)	DGHS Manual (EIA/CH/SOPC/30/32)	0.1 - 5%
		Ash insoluble in dil. HCl (on dry basis)	-do- (EIA/CH/SOPC/30/33)	0.001- 5%
		Moisture	-do- (EIA/CH/SOPC/30/41)	0.1 - 15 %
		Total Ash	DGHS Manual (EIA/CH/SOPC/30/43)	0.1 to 10 %
		Total Fat	DGHS Manual (EIA/CH/SOPC/30/66)	0.5 – 100 % (w/w)
		Protein	DGHS Manual (EIA/CH/SOPC/30/44)	0.1 to 20 %
		Energy	EIA/CH/SOPC/30/126	NA
		Carbohydrate	EIA/CH/SOPC/30/127	NA

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		Vitamins:-		
		Retinol (Vit-A)	EIA/CH/SOPC/30/116	0.01-5 0%
		Thiamine hydrochloride (Vit-B1)	EIA/CH/SOPC/30/116	0.01-5 0%
		Riboflavin (Vit- B2)	EIA/CH/SOPC/30/116	0.01-5 0%.01
		Niacin (Vit-B3)	EIA/CH/SOPC/30/116	0.01-5 0%
		Pyridoxin hydrochloride (Vit-B6)	EIA/CH/SOPC/30/116	0.01-5 0%
		Folic Acid (Vit-B9)	EIA/CH/SOPC/30/116	0.01-5 0%
		Ascorbic Acid (Vit-C)	EIA/CH/SOPC/30/116	0.01-5 0%
		Colour:-		
		Tartrazine	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Indigo Carmine	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Ponceau 4 R	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Sunset Yellow	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Carmosine	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Erythrosin	(EIA/CH/SOPC/30/114)	25 -500mg/kg

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		Fast Green	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Brilliant Blue R	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Brilliant Blue G	(EIA/CH/SOPC/30/114)	25 -500mg/kg
		Metal residues:-		
		Copper	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/34)	100 µg /kg - 10 mg/kg
		Zinc	AOAC 19 th Ed. 2012999.10 (EIA/CH/SOPC/30/35)	100 µg /kg - 10 mg/kg
		Arsenic	AOAC 19 th Ed. 2012 986.15 (EIA/CH/SOPC/30/36)	100 µg /kg- 10 mg/kg
		Cadmium	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/37)	50µg/kg -10 mg/kg
		Lead	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/38)	50µg/kg -10 mg/kg
7	Jam & Jelly	Sulphite as SO ₂	DGHS Manual (EIA/CH/SOPC/30/39)	1 - 400 mg/kg
8	Sausages	Sulphite as SO ₂	-do- (EIA/CH/SOPC/30/40)	1 - 500 mg/kg

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9	Wheat Flour, Maida, Barly, Corn Flour, Custard Powder, Malt Bare Food, Soya Flour, Oats,etc.	Moisture	-do- (EIA/CH/SOPC/30/41)	0.1 - 15 %
		Extraneous Matter	EIA/CH/SOPC/30/128	NA
		Acid insoluble ash	DGHS Manual (EIA/CH/SOPC/30/42)	0.1 - 5 %
		Total Ash	DGHS Manual (EIA/CH/SOPC/30/43)	0.1 -10 %
		Protein	DGHS Manual (EIA/CH/SOPC/30/44)	0.1 - 20 %
		Crude Fiber	DGHS Manual (EIA/CH/SOPC/30/45)	0.5 - 25%
		Aflatoxin (B1,B2,G1,G2)	Food Add. & Cont. 2009, 26(10) (EIA/CH/SOPC/30/14)	0.5 µg/kg –50 µg/kg
		Uric Acid	(EIA/CH/SOPC/30/112)	30 mg/kg – 1000 mg/kg
10	Edible Oil	Acid value	DGHS I (EIA/CH/SOPC/30/46)	1 -15%
		Iodine Value	DGHS Manual (EIA/CH/SOPC/30/47)	1 - 200
		Saponification Value	DGHS EIA/CH/SOPC/30/129	20 - 500
		Unto Saponification Value	DGHS EIA/CH/SOPC/30/130	0.5-10%

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11	Fruit Juices, Fruit/Vegetable concentrate/Puree Energy Drink etc.	Mineral oil	DGHS (EIA/CH/SOPC/30/48)	Present/absent
		R.I at 40 ⁰ C	DGHS (EIA/CH/SOPC/30/49)	1.32450 – 1.70050
		Castor oil	-do- (EIA/CH/SOPC/30/50)	Present/absent
		Argemone oil	-do- (EIA/CH/SOPC/30/51)	Present/absent
		TSS	-do- (EIA/CH/SOPC/30/52)	1- 60%
		Acidity	-do- (EIA/CH/SOPC/30/53)	1 - 5%
		Caffeine	(EIA/CH/SOPC/30/111)	0.0005 – 20%
		Vitamins:-		
		Retinol (Vit-A)	EIA/CH/SOPC/30/116	0.001 -50%
		Thiamine hydrochloride (Vit-B1)	EIA/CH/SOPC/30/116	0.001 -50%
		Riboflavin (Vit- B2)	EIA/CH/SOPC/30/116	0.001 -50%
		Niacin (Vit-B3)	EIA/CH/SOPC/30/116	0.001 -50%
		Pyridoxin hydrochloride (Vit-B6)	EIA/CH/SOPC/30/116	0.001 -50%

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	Folic Acid (Vit-B9)		EIA/CH/SOPC/30/116	0.001 -50%
	Ascorbic Acid (Vit-C)		EIA/CH/SOPC/30/116	0.001 -50%
	Sweeteners:-			
	Acesulfame		(EIA/CH/SOPC/30/115)	50 -500mg/kg
	Saccharin		(EIA/CH/SOPC/30/115)	50 -500mg/kg
	Aspartame		(EIA/CH/SOPC/30/115)	50 -500mg/kg
	Colour:-			
	Tartrazine		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Indigo Carmine		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Ponceau 4 R		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Sunset Yellow		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Carmosine		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Erythrosin		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Fast Green		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Brilliant Blue R		(EIA/CH/SOPC/30/114)	25- 500mg/kg
	Brilliant Blue G		(EIA/CH/SOPC/30/114)	25- 500mg/kg

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12	Pulses, Cerals & Grains, Rice , etc.	Metal residues:-		
		Copper	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/54)	50 µg /kg- 10 mg/kg
		Zinc	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/55)	50 µg /kg- 10 mg/kg
		Arsenic	AOAC 19 th Ed. 2012 986.15 (EIA/CH/SOPC/30/56)	50 µg /kg - 10 mg/kg
		Cadmium	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/57)	50µg/kg-10 mg/kg
		Lead	AOAC 19 th Ed. 2012 999.10 (EIA/CH/SOPC/30/58)	50µg/kg-10 mg/kg
		Moisture	DGHS Manual (EIA/CH/SOPC/30/59)	0.1- 20 %
		Foreign Matter	-do- (EIA/CH/SOPC/30/60)	0.1-2 %
		Other edible grains	-do- (EIA/CH/SOPC/30/61)	0.1- 10 %
		Damaged grains	-do- (EIA/CH/SOPC/30/62)	0.1- 10 %
		Weevil led grains	-do- (EIA/CH/SOPC/30/63)	0.1 -10 %
		Aflatoxin (B1,B2,G1,G2)	Food Add. & Cont. 2009, 26(10) (EIA/CH/SOPC/30/14)	0.5 µg/kg –50 µg/kg

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		Lead Cromate	EIA/CH/SOPC/30/131	NA
		Pesticide residue;-		
		Aldrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dieldrin	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Cis-chlordane	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Trans-chlordane	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		2,4-DDE	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		2,4-DDD	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		4,4-DDD	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		2,4-DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		4,4-DDT	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dicofol	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg

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		Alpha-endosulfan	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Beta-endosulfan	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Endosulfan sulfate	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Hexachlorobenzene	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Alpha-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Beta-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Gamma-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Delta-BHC	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dichlorvos	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dimethoate	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Fenitrothion	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg

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		Malathion	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Parathion	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Paraoxon	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Methyl parathion	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phosphamidon	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Chlorpyrifos	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Ethion	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phosalone	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phorate	AOAC 19 th Ed. 2012 2007.01, (EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
13	Dry Fruits, Nuts, Peanut etc.	Moisture	DGHS Manual (EIA/CH/SOPC/30/59)	0.1- 20 %
		Aflatoxin (B1,B2,G1,G2)	Food Add.& Cont.2009,26(10) (EIA/CH/SOPC/30/14)	0.5 µg/kg –50 µg/kg

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14	Food (Milk & Milk Product)	Moisture % by weight	AOAC 19 th Ed. 2012 , Chapter – 33 (EIA/CH/SOPC/30/64)	0.5 – 18 % (w/w)
		Protein, % by weight	AOAC 19 th Ed. 2012 N, Chapter – 33 (EIA/CH/SOPC/30/65)	0.5 – 60 % (w/w)
		Fat, % by weight	AOAC 19 th Ed. 2012 , Chapter – 33 (EIA/CH/SOPC/30/66)	0.5 – 100 % (w/w)
		Insolubility Index	IS: 12759, 1989toreaffirmed 1999 (EIA/CH/SOPC/30/67)	0.1 – 3 ml
		Ash content	AOAC 19 th Ed. 2012 Chapter – 33 (EIA/CH/SOPC/30/68)	0.2 – 10 % (w/w)
		Acidity	AOAC 19 th Ed. 2012 , 33.2.06 (EIA/CH/SOPC/30/69)	0.1 to 10.0 %
15	Egg and Egg product	Protein	IS: 4723 – 1983 (EIA/CH/SOPC/30/70)	0.5 – 60 % (w/w)
		Fat	IS: 4723to1983 (EIA/CH/SOPC/30/71)	0.5 – 100 % (w/w)
		pH	IS: 4723 – 1983 (EIA/CH/SOPC/30/72)	1to14
		Moisture	IS: 4723 – 1983 (EIA/CH/SOPC/30/73)	0.5 – 18 % (w/w)
		Ash	IS: 4723 – 1983 (EIA/CH/SOPC/30/74)	0.2 – 10 % (w/w)

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16	Fruits and Vegetables	Pesticide Residue		
		Aldrin	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dieldrin	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		Cis-chlordane	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Trans-chlordane	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		2,4-DDE	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		2,4-DDD	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		4,4-DDD	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		2,4-DDT	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		4,4-DDT	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dicofol	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		Alpha-endosulfan	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg

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		Beta-endosulfan	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Endo-sulfan sulfate	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		Hexachlorobenzene	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Alpha-BHC	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		Beta-BHC	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Gamma-BHC	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05 - 100 mg/kg
		Delta-BHC	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dichlorvos	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Dimethoate	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Fenitrothion	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Malathion	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg

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		Parathion	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Paraoxon	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Methyl parathion	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phosphamidon	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Chlorpyrifos	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Ethion	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phosalone	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
		Phorate	AOAC 19 th Ed. 2012 2007.01, 2011(EIA/CH/SOPC/30/99)	0.05- 100 mg/kg
II.	WATER			
1.	Water for processed food industry (as per IS: 4251 to 1967, fifth reprint 1996)	Organoleptic /physical parameters		
		Colour	APHA, 2120B, 21st Ed. 2005 (EIA/CH/SOPC/30/75)	2 -500 Hazen units
		Turbidity	APHA, 2130A, 21st Ed. 2005. (EIA/CH/SOPC/30/76)	0.1- 1000 NTU

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		Odour	APHA, 2150, 21stEd. 2005. (EIA/CH/SOPC/30/77)	Agreeable /Disagreeable
		pH	IS: 3025(Partto11) 1983 (EIA/CH/SOPC/30/78)	1 -14
		Total Solids	IS: 3025(Partto15) 1984 (EIA/CH/SOPC/30/79)	10- 1000 mg/L
		Total Hardness	IS: 3025(Partto21) 1983 (EIA/CH/SOPC/30/80)	2- 500 mg/L
		Chemical parameters:		
		Sulphate	IS: 3025(Partto24) 1986/ APHA 4500,21st Ed.2005. (EIA/CH/SOPC/30/81)	2- 200 mg/L
		Fluoride	IS 3025 –1964/ APHA, 4500F, 21st Ed. 2005 (EIA/CH/SOPC/30/82)	0.1- 100 mg/L
		Chloride	IS: 3025(Part032) 1986 / APHA, 4500 Cl B 21st Ed. 2005. (EIA/CH/SOPC/30/83)	5 - 250 mg/L
		Cyanide	APHA, 4500 CND 21st Ed. 2005. (EIA/CH/SOPC/30/84)	0.01 – 1.0 mg/L
		Magnesium	APHA, 3125B, 21st Ed.2005 SOP No: EIA/ CH/ SOP/ CHEM/15 (EIA/CH/SOPC/30/85)	1µg/L- 100mg/L

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		Manganese	APHA, 3125B, 21st Ed. SOP No: EIA/ CH/ SOP/ CHEM/14 (EIA/CH/SOPC/30/86)	1µg/L - 1mg/L
		Nitrate	APHA, 4500 B, 21st Ed.2005. (EIA/CH/SOPC/30/87)	1mg/L – 100 mg/L
		Phenolic compounds	IS: 3025(Partto43) 1986/ APHA, 5530 C, 21st Ed. 2005. (EIA/CH/SOPC/30/88)	0.001mg/L - 10 mg/L
		Cadmium	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/89)	1µg/L- 1mg/L
		Lead	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/90)	1µg/L - 1mg/L
		Chromium	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/91)	1µg/L- 1mg/L
		Arsenic	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/92)	1µg/L - 1mg/L
		Mercury	APHA, 3125B, 21st Ed. 2005 (EIA/CH/SOPC/30/93)	1µg/L- 1mg/L
		Copper	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/94)	1µg/L- 1mg/L
		Iron	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/95)	1µg/L- 1mg/L

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		Zinc	APHA, 3125B, 21st Ed.2005 by ICPTMS. (EIA/CH/SOPC/30/96)	1µg/L- 1mg/L
		Selenium	APHA, 3125B, 21st Ed.2005 (EIA/CH/SOPC/30/97)	1µg/L- 1mg/L
2.	Water (Process, Drinking Water, Carbonated Water)	Malathion	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Parathion methyl	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Fenitrothion	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Dichlorvos	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Diazinon	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Fenthion	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Deltamethrin	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L

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		Alpha-HCH Beta-HCH Gamma-HCH Delta- HCH	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		DDT	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Phosalone	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Ethion	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Chlorpyriphos	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Cypermethrin	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Fenveralate	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Permethrin	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L

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		Aldrin	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Dieldrin	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Cis-Chlordane Trans-Chlordane	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Endrin Endrin Aldehyde Endrin Ketone	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Methamidophos	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Tributylphosphate	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Pirimiphos methyl	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Methadithion	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L

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		Triphenylphosphate	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Azinphos – methyl	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 - 100 µg/L
		Pyrazophos	AOAC 19 th Ed. 2012 991.07, Chapter 10, (EIA/CH/SOPC/30/98)	0.05 -100 µg/L

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