



# EXPORT INSPECTION COUNCIL

(Ministry of Commerce & Industry, Govt. of India)  
New Delhi


## Annexure-1 SCOPE OF APPROVAL

Name of the laboratory: M/s Interfield Laboratories, Kochi  
Validity of approval : Up to and including 30.09.2018


Date of issue: 29.09.2016  
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### Biological-1 (For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Total plate count	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
Total Coliforms Faecal Coliforms Thermo Tolerant coliform	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>E. coli</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Staphylococcus aureus</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
Faecal <i>Streptococci</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Clostridium perfringens</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Salmonella</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Vibrio cholerae</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Vibrio parahaemolyticus</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Enterobacteriaceae</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Vibrio vulnificus</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Bacillus cereus</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Listeria monocytogenes</i>	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
Yeast & Mold	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<i>Salmonella</i> (by PCR)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Vibrio cholera</i> (by PCR)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Vibrio parahaemolyticus</i> (by PCR)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Shigella</i> (by PCR)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Listeria monocytogenes</i> (by PCR)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<i>Salmonella</i> (by VIDAS)	Fish & Fishery Products (Crustacean, Cephalopod, Fish), Spices and condiments
<b>Shrimp viruses by PCR</b> <ul style="list-style-type: none"><li>• WSSV (White spot syndrome Virus)</li><li>• TSV (Taura Syndrome Virus)</li><li>• IHHNV (Infectious Hypodermal Hematopoietic Necrosis Virus)</li><li>• YHV/GAV (Yellow Head Virus/Gill Associated Virus)</li><li>• IMNV (Infectious myonecrosis Virus)</li><li>• PvNV (Penaeus vannamei nodavirus)</li></ul>	Shrimps
Presence of genetically modified organisms (by PCR)	Fruits and Vegetables (Such as tomato, brinjal, cabbage, cauliflower), Cereal (corn, rice), Soybean, Cotton

  
Sabeerali A M  
Assistant Director



  
Dr. S. K. Saxena  
Director (I & QC)



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Annexure-1

## SCOPE OF APPROVAL

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### Chemical-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Chloramphenicol	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Nitrofurans Metabolites	
AOZ	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
AMOZ	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
AHD	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
SEM	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Nitrofurans	
Nitrofurazone	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Nitrofurantoin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Furaltadone	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Furazolidone	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sulfonamides Sulfadiazin Sulfathiazole Sulfamerazin Sulfamethizole Sulfadimidin/Sulfamethazin Sulfamethoxy pyridazin Sulfachloropyridazin Sulfamethoxazole Sulfadimethoxine Sulfadoxin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Doxycycline	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Trimethoprim	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Quinolones & Fluoroquinolones	
Enrofloxacin (sum of enrofloxacin and ciprofloxacin)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Lomefloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Oxolinic acid	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Nalidixic acid	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Flumequin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Cinoxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Norfloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sarafloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Danofloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Difloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Ofloxacin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Tetracycline (sum of tetracycline and its 4-epimer)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chlortetracycline (sum of chlortetracycline and its 4-epimer)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Oxytetracycline (sum of oxytetracycline and its 4-epimer)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)

  
Sabeer Ali A M  
Assistant Director



  
Dr. S. K. Saxena  
Director (I & QC)



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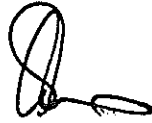
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### Chemical-3 (For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Herbicide</b>	
Pendimethalin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Trifluralin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Organochlorines</b>	
Hexachlorocyclohexane(HCH), alpha-isomer	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Hexachlorocyclohexane(HCH), beta-isomer	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Lindane (Gamma-isomer of hexachlorocyclohexane (HCH))	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Hexachlorocyclohexane(HCH), delta-isomer	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
DDT(sum of o,p'-DDT, p,p'-DDT, o,p'-DDE, p,p'-DDE, o,p'-DDD and p,p'-DDD expressed as DDT)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Endosulfan (sum of alpha- and beta- isomers and endosulfan sulphate expressed as endosulfan)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Endrin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Endrin ketone	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chlordane (sum of cis-and trans-chlordane)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Methoxychlor	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Dicofol (Kelthane)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Alachlor	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Butachlor	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chlorbenzilate	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Vinclozolin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Organophosphorus</b>	
Chlorfenvinphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chlorpyrifos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chlorpyrifos-methyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Coumaphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Dichlorvos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Diazinon	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Dimethoate	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Disulfoton	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Ethoprophos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Ethion	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fenclorphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fenitrothion	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Iprobenphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Malathion (sum of malathion and malaaxon expressed as malathion)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Methamidophos	Fish & Fishery Products(Crustacean, Cephalopod, Fish)

  
Sabeerali A M  
Assistant Director



  
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Mevinphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Parathion-methyl (sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Parathion-ethyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Prothiofos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Profenofos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Phosalone	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Quinalphos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Triazophos	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Triadimefon	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Propargite	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Pyrethroids</b>	
Cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Deltamethrin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers))	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Cyhalothrin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Permethrin (sum of isomers)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fenvalerate (any ratio of constituent isomers (RR, SS, RS& SR) including esfenvalerate)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fenpropathrin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Other pesticides</b>	
Atrazine	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fenarimol	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Difenoconazole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Flusilazole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Hexaconazole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Penconazole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Propiconazole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Myclobutanil	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Bitertanol	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Benalaxyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Metalaxyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Bromopropylate	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Dimethomorph	Fish & Fishery Products (Crustacean, Cephalopod, Fish)

### Chemical-4

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Dyes</b>	
Malachite green	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Leucomalachite green	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Crystal Violet	Fish & Fishery Products (Crustacean, Cephalopod, Fish)

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Leuco Crystal Violet	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Brilliant Green	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sudan I	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sudan II	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sudan III	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sudan IV	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Heavy Metals</b>	
Cadmium	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Mercury	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Arsenic	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Lead	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Chromium	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Nickel	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Copper	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Zinc	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Tin	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Antimony	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Selenium	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Melamine	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
<b>Non-dioxin like PCBs</b>	
2,4,4'-Trichlorobiphenyls	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
2,2',5,5'-Tetrachlorobiphenyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
2,2',4,5,5'-Pentachlorobiphenyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
2,2',3,4,4',5'-Hexachlorobiphenyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
2,2',4,4',5,5'-Hexachlorobiphenyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
2,2',3,4,4',5,5'-Heptachlorobiphenyl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)


### Chemical-5

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Moisture	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Total Ash	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Protein	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Fat	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Sulphite (as SO <sub>2</sub> )	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Indole	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Histamine	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Total Phosphate (as P <sub>2</sub> O <sub>5</sub> )	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Total Volatile Basic Nitrogen (TVBN)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Trimethylamine (TMA)	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Salt as NaCl	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Formaldehyde	Fish & Fishery Products (Crustacean, Cephalopod, Fish)
Added Phosphate (as P <sub>2</sub> O <sub>5</sub> )	Fish & Fishery Products (Crustacean, Cephalopod, Fish)

  
Sabeerali A M  
Assistant Director



  
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### Water-1

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Chemical</b>	
Colour	Water as per 98/83 EC
Odour	Water as per 98/83 EC
Taste	Water as per 98/83 EC
Turbidity, NTU	Water as per 98/83 EC
pH (hydrogen ion conc.)	Water as per 98/83 EC
Copper as Cu	Water as per 98/83 EC
Iron as Fe	Water as per 98/83 EC
Manganese as Mn	Water as per 98/83 EC
Nitrate	Water as per 98/83 EC
Nitrite	Water as per 98/83 EC
Fluoride	Water as per 98/83 EC
Aluminium	Water as per 98/83 EC
Sulphate	Water as per 98/83 EC
Chloride	Water as per 98/83 EC
Selenium	Water as per 98/83 EC
Cyanide	Water as per 98/83 EC
Lead	Water as per 98/83 EC
Chromium	Water as per 98/83 EC
Nickel	Water as per 98/83 EC
Antimony	Water as per 98/83 EC
<b>Pesticides</b>	
Hexachlorocyclohexane(HCH), alpha-isomer	Water as per 98/83 EC
Hexachlorocyclohexane(HCH), beta-isomer	Water as per 98/83 EC
Lindane (Gamma-isomer of hexachlorocyclohexane (HCH))	Water as per 98/83 EC
Hexachlorocyclohexane(HCH), delta-isomer	Water as per 98/83 EC
DDT(sum of o,p'-DDT, p,p'-DDT, o,p'-DDE, p-p'-DDE, o,p'-DDD and p,p'-DDD expressed as DDT)	Water as per 98/83 EC
Endosulfan (sum of alpha- and beta- isomers and endosulfan sulphate expressed as endosulfan)	Water as per 98/83 EC
Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)	Water as per 98/83 EC
Endrin	Water as per 98/83 EC
Endrin aldehyde	Water as per 98/83 EC
Endrin ketone	Water as per 98/83 EC
Chlordane (sum of cis- and trans-chlordane)	Water as per 98/83 EC
Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	Water as per 98/83 EC
Methoxychlor	Water as per 98/83 EC
Alachlor	Water as per 98/83 EC
Butachlor	Water as per 98/83 EC
Chlorpyrifos	Water as per 98/83 EC

  
Sabeeh A M  
Assistant Director



  
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Ethion	Water as per 98/83 EC
Monocrotophos	Water as per 98/83 EC
Malathion (sum of malathion and malaaxon expressed as malathion)	Water as per 98/83 EC
Parathion-methyl (sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl)	Water as per 98/83 EC
Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	Water as per 98/83 EC
Atrazine	Water as per 98/83 EC
Isoproturon	Water as per 98/83 EC
<b>Polycyclic Aromatic Hydrocarbons:</b>	
Benzo(b)fluoranthene	Water as per 98/83 EC
Benzo(k)fluoranthene	Water as per 98/83 EC
Indeno(1,2,3-c,d)pyrene	Water as per 98/83 EC
Benzo(ghi)perylene	Water as per 98/83 EC
Benzene	Water as per 98/83 EC
Acrylamide	Water as per 98/83 EC
Benzo(a)pyrene	Water as per 98/83 EC
Bromate	Water as per 98/83 EC
1,2- Dichloroethane	Water as per 98/83 EC
Epichlorohydrin	Water as per 98/83 EC
Tetrachloroethene & Trichloroethene	Water as per 98/83 EC
Trihalomethanes (Total) (sum of chloroform, bromoform, dibromochloromethane, bromodichloro methane)	Water as per 98/83 EC
Vinyl chloride	Water as per 98/83 EC
Ammonium	Water as per 98/83 EC
Conductivity	Water as per 98/83 EC
Mercury	Water as per 98/83 EC
Cadmium	Water as per 98/83 EC
Arsenic	Water as per 98/83 EC
Boron	Water as per 98/83 EC
Oxidisability	Water as per 98/83 EC
Total Organic Carbon	Water as per 98/83 EC
Sodium	Water as per 98/83 EC
<b>Microbiological</b>	
<i>E. coli</i>	Water as per 98/83 EC
<i>Enterococci</i>	Water as per 98/83 EC
<i>Pseudomonas aeruginosa</i>	Water as per 98/83 EC
Colony Count /ml (at 22°C & 37°C)	Water as per 98/83 EC
Coliform	Water as per 98/83 EC
<i>Clostridium perfringens</i> (Including spores)	Water as per 98/83 EC

  
Sabeerali A M  
Assistant Director



  
Dr. S. K. Saxena  
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### Water-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Chemical</b>	
Colour	Water as per IS 4251
Odour	Water as per IS 4251
Turbidity, NTU	Water as per IS 4251
pH (hydrogen ion conc.)	Water as per IS 4251
Zinc as Zn	Water as per IS 4251
Iron as Fe	Water as per IS 4251
Manganese as Mn	Water as per IS 4251
Nitrate as N	Water as per IS 4251
Fluoride as F	Water as per IS 4251
Sulphate	Water as per IS 4251
Chloride	Water as per IS 4251
Copper	Water as per IS 4251
Selenium	Water as per IS 4251
Cyanide	Water as per IS 4251
Lead as Pb	Water as per IS 4251
Chromium as Cr <sup>6+</sup>	Water as per IS 4251
Total hardness as CaCO <sub>3</sub>	Water as per IS 4251
Magnesium as Mg	Water as per IS 4251
Total Solids	Water as per IS 4251
Phenolic compounds as C <sub>6</sub> H <sub>5</sub> OH	Water as per IS 4251
Mercury as Hg	Water as per IS 4251
Cadmium as Cd	Water as per IS 4251
Arsenic as As	Water as per IS 4251
<b>Microbiological</b>	
Coliform Bacteria	Water as per IS 4251
Standard Plate Count	Water as per IS 4251
Proteolytic Bacteria	Water as per IS 4251
Lipolytic Bacteria	Water as per IS 4251

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Assistant Director



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