

# EXPORT INSPECTION COUNCIL

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



## Annexure-1 SCOPE OF APPROVAL

Name of the laboratory: M/s Sea lab, Aroor  
Validity of approval : Up to and including 05.07.2018

Date of issue: 05.07.2016  
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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 and Fishery products
Enumeration of Yeast and Mould	Fish and Fishery products
Total coliform count	Fish and Fishery products
<i>Escherichia coli</i>	Fish and Fishery products
Thermotolerant coliforms / Faecal coliforms	Fish and Fishery products
<i>Staphylococcus aureus</i>	Fish and Fishery products ,Salt
<i>Enterobacteriaceae</i>	Fish and Fishery products
<i>Salmonella</i>	Fish and Fishery products
<i>Clostridium perfringenes</i> / (Anaerobic Sulphite Reducing Bacteria)	Fish and Fishery products ,Salt
<i>Shigella</i>	Fish and Fishery products
<i>Vibrio cholerae</i>	Fish and Fishery products
<i>Vibrio parahaemolyticus</i>	Fish and Fishery products
<i>Vibrio vulnificus</i>	Fish and Fishery products
<i>Listeria monocytogenes</i>	Fish and Fishery products
<i>Bacillus cereus</i>	Fish and Fishery products

### Chemical-2 (For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Chloramphenicol	Fish and fishery products(Crustaceans, Cephalopods)
Metabolite of Furaltadone-AMAZ(3-amino-5-morpholinomethyl-2-oxazolidinone)	Fish and fishery products(Crustaceans, Cephalopods)
Metabolite of Furazolidone-AOZ(amino-oxazolidinone)	Fish and fishery products(Crustaceans, Cephalopods)
Metabolite of Nitrofurantoin-AHD(aminohydantoin)	Fish and fishery products(Crustaceans, Cephalopods)
Metabolite of Nitrofurazone-SEM(semicarbazide)	Fish and fishery products(Crustaceans, Cephalopods)
Nitrofurantoin-Furaltadone	Fish and fishery products(Crustaceans)
Nitrofurantoin-Furazolidone	Fish and fishery products(Crustaceans)
Nitrofurantoin-Nitrofurantoin	Fish and fishery products(Crustaceans)
Nitrofurantoin-Nitrofurazone	Fish and fishery products(Crustaceans)
Sulfonamides(Sulfadiazine,Sulfathiazole,Sulfamerazine, Sulfamethizole, Sulfadimidine/ Sulfamthazine, Sulfamethoxypyridazine, Sulfachloropyridazine, Sulfamethoxazole, Sulfapyridine, Sulfadoxin, Sulfadimethoxin)	Fish and fishery products(Crustaceans, Cephalopods)
Tetracyclines and 4-epimers of tetracyclines (Oxy-tetracycline, Epi-Oxytetracycline, Tetracycline, Epi-Tetracycline, Chlor-tetracycline, Epi-Chlortetracycline)	Fish and fishery products(Crustaceans, Cephalopods)
Oxolinic acid, Enrofloxacin, Difloxacin, Flumequine	Fish and fishery products(Crustaceans, Cephalopods)

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Assistant Director



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

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Organochlorine Pesticides (Alpha-BHC, Gamma-BHC, Beta-BHC, Heptachlor, Endosulfan I, pp' DDT, pp' DDE, pp' DDD, Cis-chlordane, Aldrin, Dieldrin, Endrin, Hexachlorobenzene)	Fish and fishery products(Crustaceans)
Organophosphorus Pesticides (Disulfoton, Malathion, Fenthion, Prothiophos, Ethion, Chlorpyrifos, Diazinon)	Fish and fishery products(Crustaceans)
Pendimethalin	Fish and fishery products(Crustaceans)
Trifluralin	Fish and fishery products(Crustaceans)
Ethoxyquin	Fish and fishery products(Crustaceans)

### Chemical-4 (For exports to all countries including European Union)


Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Cadmium	Fish and fishery products(Cephalopods, Crustaceans, Fish)
Mercury	Fish and fishery products(Cephalopods, Crustaceans, Fish)
Arsenic	Fish and fishery products(Cephalopods, Crustaceans)
Lead	Fish and fishery products(Cephalopods, Crustaceans, Fish)
Chromium	Fish and fishery products(Cephalopods)
Nickel	Fish and fishery products(Cephalopods)
Copper	Fish and fishery products(Cephalopods)
Zinc	Fish and fishery products(Cephalopods)
Iron	Fish and fishery products(Cephalopods)
Polychlorinated biphenyls( PCB-101, PCB-28, PCB-52, PCB-138, PCB-153, PCB-180)	Fish and fishery products(Crustaceans)
Crystal Violet	Fish and fishery products(Crustaceans)
Leuco Crystal violet	Fish and fishery products(Crustaceans)
Malachite green	Fish and fishery products(Crustaceans)
Leuco malachite green	Fish and fishery products(Crustaceans)
Sudan I, Sudan II, Sudan III, Sudan IV	Fish and fishery products(Crustaceans)

### Chemical-5 (For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Indole	Fish and fishery products (Crustaceans, Cephalopods)
Histamine	Fish and fishery products(Fish)
Moisture	Fish and fishery products(Crustaceans, Cephalopods, Fish)
Total Ash	Fish and fishery products(Crustaceans, Cephalopods, Fish)
Residual Sulfite (as SO <sub>2</sub> )	Fish and fishery products(Crustaceans)
Total Salt (as NaCl)	Fish and fishery products(Crustaceans, Cephalopods, Fish)
Total phosphate (as P <sub>2</sub> O <sub>5</sub> )	Fish and fishery products (Crustaceans, Cephalopods, Fish), Sodium tripolyphosphate

  
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Total Volatile Base Nitrogen (TVBN)	Fish and fishery products(Crustaceans, Cephalopods,Fish)
Trimethylamine(TMA)	Fish and fishery products(Crustaceans, Cephalopods,Fish)
Total Fat	Fish and fishery products(Crustaceans, Cephalopods,Fish)
Protein	Fish and fishery products(Crustaceans, Cephalopods,Fish)
Purity (As % NaCl)	Common Salt
Purity	Sodium tripolyphosphate

### Physical-1

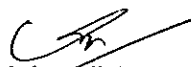
(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
pH	Fish and fishery products(Crustaceans, Cephalopods,Fish)


### Water-1

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
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	Water as per 98/83/EC
Copper as Cu	Water as per 98/83/EC
Iron as Fe	Water as per 98/83/EC
Chromium as Cr	Water as per 98/83/EC
Nickel as Ni	Water as per 98/83/EC
Manganese as Mn	Water as per 98/83/EC
Cadmium as Cd	Water as per 98/83/EC
Lead as Pb	Water as per 98/83/EC
Mercury as Hg	Water as per 98/83/EC
Arsenic as As	Water as per 98/83/EC
Selenium as Se	Water as per 98/83/EC
Antimony as Sb	Water as per 98/83/EC
Aluminium as Al	Water as per 98/83/EC
Sodium as Na	Water as per 98/83/EC
Borate as B	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
Sulphate	Water as per 98/83/EC
Chloride	Water as per 98/83/EC
Cyanide	Water as per 98/83/EC

  
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Bromate	Water as per 98/83/EC
Total Organic carbon	Water as per 98/83/EC
Pesticides Total <sup>1-3</sup> (Organochlorine Pesticides – Alpha BHC, Beta BHC, Gamma BHC, Delta BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, pp'DDT, op DDE, pp' DDE, pp' DDD, op DDD, op DDT, Aldrin, Dieldrin Organophosphorous Pesticides – Phorate, Phorate Sulfone, Phorate Sulfoxide, Chlorpyrifos, Malathion, Parathion Methyl, Atrazine, Butachlor, Monochrotofos, Ethion, Isoproturon, 2,4-D, Malaaxon, Alachlor, Paraaxon Methyl)	Water as per 98/83/EC
Pesticides Individual Organochlorine Pesticides – Alpha BHC, Beta BHC, Gamma BHC, Delta BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, pp'DDT, op DDE, pp' DDE, pp' DDD, op DDD, op DDT, Aldrin, Dieldrin Organophosphorous Pesticides – Phorate, Phorate Sulfone, Phorate Sulfoxide, Chlorpyrifos, Malathion, Parathion Methyl, Atrazine, Butachlor, Monochrotofos, Ethion, Isoproturon, 2,4-D, Malaaxon, Alachlor, Paraaxon Methyl)	Water as per 98/83/EC
Ammonium	Water as per 98/83/EC
Conductivity	Water as per 98/83/EC
KMnO <sub>4</sub> oxidisability	Water as per 98/83/EC
Polycyclic aromatic hydrocarbons (Benzo-a-pyrene, Benzo-b-fluranthene, Benzo-k-fluranthene, Benzo-ghi-perylene, Indenopyrene)	Water as per 98/83/EC
Volataile Organic Componds ( Acrylamide, Benzene, 1,2 dichloroethane, Epichlorhydrin, Tetrachloroethene, Trichloroethene, Vinyl Chloride, Chloroform, Bromoform, Dibromochloromethane, Bromodichloromethane)	Water as per 98/83/EC
Total Plate Count at 22°C and 37°C	Water as per 98/83/EC
Total Coliforms	Water as per 98/83/EC
Faecal coliforms	Water as per 98/83/EC
<i>Escherichia coli</i>	Water as per 98/83/EC

  
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Faecal <i>Streptococci</i>	Water as per 98/83/EC
<i>Salmonella Spp</i>	Water as per 98/83/EC
<i>Pseudomonas aeruginosa</i>	Water as per 98/83/EC
<i>Shigella</i>	Water as per 98/83/EC
<i>Vibrio Cholerae</i>	Water as per 98/83/EC
<i>Clostridium perfringens (including spores)</i>	Water as per 98/83/EC


### Water-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Colour	Water as per IS 4251:1967(reaffirmed 2009)
Odour	Water as per IS 4251:1967(reaffirmed 2009)
Turbidity, NTU	Water as per IS 4251:1967(reaffirmed 2009)
pH	Water as per IS 4251:1967(reaffirmed 2009)
Zinc as Zn	Water as per IS 4251:1967(reaffirmed 2009)
Copper as Cu	Water as per IS 4251:1967(reaffirmed 2009)
Iron as Fe	Water as per IS 4251:1967(reaffirmed 2009)
Chromium as Cr	Water as per IS 4251:1967(reaffirmed 2009)
Manganese as Mn	Water as per IS 4251:1967(reaffirmed 2009)
Cadmium as Cd	Water as per IS 4251:1967(reaffirmed 2009)
Lead as Pb	Water as per IS 4251:1967(reaffirmed 2009)
Mercury as Hg	Water as per IS 4251:1967(reaffirmed 2009)
Arsenic as As	Water as per IS 4251:1967(reaffirmed 2009)
Selenium as Se	Water as per IS 4251:1967(reaffirmed 2009)
Magnesium as Mg	Water as per IS 4251:1967(reaffirmed 2009)
Nitrate	Water as per IS 4251:1967(reaffirmed 2009)
Fluoride	Water as per IS 4251:1967(reaffirmed 2009)
Sulphate	Water as per IS 4251:1967(reaffirmed 2009)
Chloride	Water as per IS 4251:1967(reaffirmed 2009)
Cyanide	Water as per IS 4251:1967(reaffirmed 2009)
Total hardness as CaCO <sub>3</sub>	Water as per IS 4251:1967(reaffirmed 2009)
Total solids	Water as per IS 4251:1967(reaffirmed 2009)
Phenolic substances	Water as per IS 4251:1967(reaffirmed 2009)
Total Plate Count	Water as per IS 4251:1967(reaffirmed 2009)
Proteolytic bacteria	Water as per IS 4251:1967(reaffirmed 2009)
Lipolytic bacteria	Water as per IS 4251:1967(reaffirmed 2009)
Total Coliforms - MPN	Water as per IS 4251:1967(reaffirmed 2009)

  
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