



EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

SCOPE OF APPROVAL

Name of the laboratory: M/s SGS India Pvt. Ltd., Chennai
Validity of approval : Up to and including 23.11.2019

Date of issue: 24.07.2018
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Biological-1

(For exports to all countries including European Union)

| Specific Tests or Parameter (Analyte) | Products, Materials or Items (Matrix) |
|---|---|
| Aerobic Plate count/Total plate count/ Standard plate count/Total bacterial count | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products , Herbs , Spices & Condiments |
| <i>Escherichia coli</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products , Herbs , Spices & Condiments , Vegetables, Fruits and products |
| Faecal coliforms /Coliforms | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products , Herbs , Spices & Condiments |
| <i>Salmonella</i> spp | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products , Herbs , Spices & Condiments , Egg & Egg Products , Vegetables, Fruits and products |
| <i>Shigella</i> spp. | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products |
| <i>Vibrio cholerae</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products |
| <i>Vibrio parahaemolyticus</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products |
| <i>Clostridium perfringens</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Milk and Dairy Products |
| <i>Listeria</i> spp. | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Milk and Dairy Products |
| <i>Listeria monocytogenes</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Milk and Dairy Products |
| Faecal streptococci | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Milk and Dairy Products |
| <i>Enterobacteriaceae</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Milk and Dairy Products, Herbs, Spices & Condiments , Egg & Egg Products |
| <i>Staphylococcus aureus</i> | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Animal feed ,poultry feed & shrimp feed, Milk and Dairy Products, Herbs , Spices & Condiments |
| Anaerobic sulfite-reducing bacteria/clostridia | Fish & fishery Products (Crustaceans , Cephalopods , fish), |
| Yeast & Mould | Fish & fishery Products (Crustaceans , Cephalopods , fish), Meat & Meat Products, Milk and Dairy Products, Herbs Spices & Condiments |
| <i>Bacillus cereus</i> | Milk and Dairy Products , Herbs , Spices & Condiments |
| <i>Enterobacter sakazakii</i> | Milk and Dairy Products |
| Mesophilic aerobic sporeformers | Milk and Dairy Products |

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Assistant Director



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



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Chemical-2

(For exports to all countries including European Union)

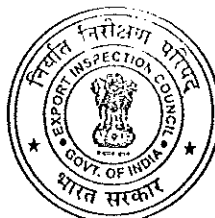
| Specific Tests or Parameter (Analyte) | Products, Materials or Items (Matrix) |
|---|--|
| Chloramphenicol | Fish & Fishery Products (Crustaceans) |
| 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) | Fish & Fishery Products (Crustaceans) |
| Aminohydantoin (AHD). | Fish & Fishery Products (Crustaceans) |
| Amino-oxazolidinone (AOZ) | Fish & Fishery Products (Crustaceans) |
| Semicarbazide (SEM) | Fish & Fishery Products (Crustaceans) |
| Sulfachloropyradizine | Fish & Fishery Products (Crustaceans) |
| Sulfadiazine | Fish & Fishery Products (Crustaceans) |
| Sulfadimethoxine | Fish & Fishery Products (Crustaceans) |
| Sulfadoxine | Fish & Fishery Products (Crustaceans) |
| Sulfamerazine | Fish & Fishery Products (Crustaceans) |
| Sulfamethazine | Fish & Fishery Products (Crustaceans) |
| Sulfamethiazole | Fish & Fishery Products (Crustaceans) |
| Sulfamethoxazole | Fish & Fishery Products (Crustaceans) |
| Sulfamethoxypyridine | Fish & Fishery Products (Crustaceans) |
| Sulfapyridine | Fish & Fishery Products ((Crustaceans) |
| Sulfathiazole | Fish & Fishery Products (Crustaceans) |
| Sulfanilamide | Fish & Fishery Products ((Crustaceans) |
| Trimethoprine | Fish & Fishery Products (Crustaceans) |
| Chlortetracycline & its 4- epimer | Fish & Fishery Products (Crustaceans) |
| Oxytetracycline & its 4- epimer | Fish & Fishery Products (Crustaceans) |
| Tetracycline & its 4- epimer | Fish & Fishery Products (Crustaceans) |
| Oxolinic acid | Fish & Fishery Products (Crustaceans) |
| Ciprofloxacin | Fish & Fishery Products (Crustaceans) |
| Difloxacin | Fish & Fishery Products (Crustaceans) |
| Enrofloxacin | Fish & Fishery Products (Crustaceans) |
| Sarafloxacin | Fish & Fishery Products (Crustaceans) |
| Ofloxacin | Fish & Fishery Products (Crustaceans) |
| Fumequine | Fish & Fishery Products (Crustaceans) |

Chemical-3

(For exports to all countries including European Union)

| Specific tests or parameter (Analytes) | Products, materials or items (Matrix) |
|--|---------------------------------------|
| Alpha BHC | Fish & Fishery Products (Crustaceans) |
| Beta BHC | Fish & Fishery Products (Crustaceans) |
| Gamma BHC (Lindane) | Fish & Fishery Products (Crustaceans) |
| DDT | Fish & Fishery Products (Crustaceans) |
| DDE | Fish & Fishery Products (Crustaceans) |
| DDD | Fish & Fishery Products (Crustaceans) |
| Aldrin | Fish & Fishery Products (Crustaceans) |
| Dieldrin | Fish & Fishery Products (Crustaceans) |
| Chlordane | Fish & Fishery Products (Crustaceans) |
| Heptachlor | Fish & Fishery Products (Crustaceans) |
| Endrin | Fish & Fishery Products (Crustaceans) |
| Hexachlorobenzene (HCB) | Fish & Fishery Products (Crustaceans) |

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Chemical-4

(For exports to all countries including European Union)

| Specific tests or parameter (Analytes) | Products, materials or items (Matrix) |
|--|--|
| Arsenic | Fish & Fishery products (Crustaceans, Cephalopods) |
| Cadmium | Fish & Fishery products (Crustaceans, Cephalopods) |
| Lead | Fish & Fishery products (Crustaceans, Cephalopods) |
| Mercury | Fish & Fishery products (Crustaceans, Cephalopods) |
| Aflatoxin (B1, B2 G1 G2) | Cereals and Cereal Products, Peanuts |
| Histamine | Fish & Fishery products (Fish) |
| Leucomalachite green | Fish & Fishery Products (Crustaceans) |
| Malachite green | Fish & Fishery Products (Crustaceans) |

Chemical-5

(For exports to all countries including European Union)

| Specific tests or parameter (Analytes) | Products, materials or items (Matrix) |
|--|---|
| Sulphite (as SO ₂) | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| TVBN | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| TMA | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| Indole | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| pH | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| Phosphate | Fish & Fishery products (Crustaceans, Cephalopods & Fish) |
| Moisture | Ready to eat foods |
| Ash | Ready to eat foods |
| Protein | Ready to eat foods |
| Crude fibre | Ready to eat foods |
| Crude fat | Ready to eat foods |
| Carbohydrates | Ready to eat foods |
| Energy | Ready to eat foods |


Water-1

(For exports to all countries including European Union)

| Specific tests or parameter (Analytes) | Products, materials or items (Matrix) |
|--|---------------------------------------|
| Acrylamide | Water as per 98/83 EC |
| Antimony as Sb | Water as per 98/83 EC |
| Arsenic as As | Water as per 98/83 EC |
| Benzene | Water as per 98/83 EC |
| Benzo(a)pyrene | Water as per 98/83 EC |
| Boron as B | Water as per 98/83 EC |
| Bromate | Water as per 98/83 EC |
| Cadmium as Cd | Water as per 98/83 EC |
| Chromium as Cr | Water as per 98/83 EC |
| Copper as Cu | Water as per 98/83 EC |
| Cyanide as CN | Water as per 98/83 EC |
| Selenium as Se | Water as per 98/83 EC |
| 1,2 -Dichloroethane | Water as per 98/83 EC |
| Epichlorohydrin | Water as per 98/83 EC |
| Fluoride as F | Water as per 98/83 EC |
| Lead as Pb | Water as per 98/83 EC |


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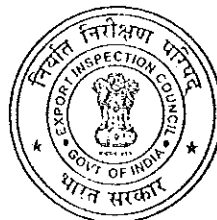
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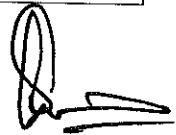
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| | |
|---|-----------------------|
| Mercury as Hg | Water as per 98/83 EC |
| Nickel as Ni | Water as per 98/83 EC |
| Nitrate as NO ₃ | Water as per 98/83 EC |
| Nitrite as NO ₂ | Water as per 98/83 EC |
| Pesticides | |
| Pesticides – Total | Water as per 98/83 EC |
| (I) Alpha BHC | Water as per 98/83 EC |
| (ii) Beta BHC | Water as per 98/83 EC |
| (iii) Gamma BHC | Water as per 98/83 EC |
| (iv) Delta BHC | Water as per 98/83 EC |
| (v) o,p-DDT | Water as per 98/83 EC |
| (vi) p,p-DDT | Water as per 98/83 EC |
| (vii) o,p-DDD | Water as per 98/83 EC |
| (viii) p,p-DDD | Water as per 98/83 EC |
| (ix) o,p-DDE | Water as per 98/83 EC |
| (x) p,p-DDE | Water as per 98/83 EC |
| (xi) Alpha-Endosulfan | Water as per 98/83 EC |
| (xii) Beta Endosulfan | Water as per 98/83 EC |
| (xiii) Endosulfan Sulphate | Water as per 98/83 EC |
| (xiv) Monocrotophos | Water as per 98/83 EC |
| (xv) Ethion | Water as per 98/83 EC |
| (xvi) Chlorpyrifos | Water as per 98/83 EC |
| (xvii) Phorate | Water as per 98/83 EC |
| (xviii) Phorate Sulphoxide | Water as per 98/83 EC |
| (xvii) Phorate | Water as per 98/83 EC |
| (xviii) Phorate Sulphoxide | Water as per 98/83 EC |
| (xix) Phorate Sulphone | Water as per 98/83 EC |
| (xx) 2,4-D | Water as per 98/83 EC |
| (xxi) Butachlor | Water as per 98/83 EC |
| (xxii) Isoproturon | Water as per 98/83 EC |
| (xxiii) Alachlor | Water as per 98/83 EC |
| (xxiv) Atrazine | Water as per 98/83 EC |
| (xxv) Methyl Parathion | Water as per 98/83 EC |
| (xxvi) Methyl Paraoxon | Water as per 98/83 EC |
| (xxvii) Malathion | Water as per 98/83 EC |
| (xxviii) Malaoxon | Water as per 98/83 EC |
| (xxix) Aldrin | Water as per 98/83 EC |
| (xxx) Dieldrin | Water as per 98/83 EC |
| Polycyclic Aromatic Hydrocarbons benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene | Water as per 98/83 EC |
| Tetrachloroethene and Trichloroethene | Water as per 98/83 EC |
| Trihalomethanes-Total (Chloroform, bromoform, dibromochloromethane, bromodichloromethane) Vinyl Chloride | Water as per 98/83 EC |
| PART-C Indicative Parameters. | |
| Aluminium as Al | Water as per 98/83 EC |
| Ammonium as NH ₄ | Water as per 98/83 EC |
| Chloride as Cl | Water as per 98/83 EC |
| Colour (True Colour Units) | Water as per 98/83 EC |
| Conductivity in μ S/cm | Water as per 98/83 EC |
| Hydrogen Ion Concentration (pH) | Water as per 98/83 EC |
| Iron as Fe | Water as per 98/83 EC |


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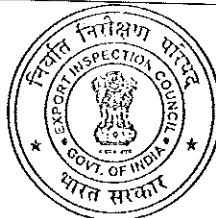
| | |
|---|-----------------------|
| Manganese as Mn | Water as per 98/83 EC |
| Odour | Water as per 98/83 EC |
| Sulphate as SO ₄ | Water as per 98/83 EC |
| Sodium as Na | Water as per 98/83 EC |
| Taste | Water as per 98/83 EC |
| Total Organic Carbon (TOC) | Water as per 98/83 EC |
| Turbidity | Water as per 98/83 EC |
| Colony count 22 & 37°C | Water as per 98/83 EC |
| Coliforms | Water as per 98/83 EC |
| <i>E.coli</i> | Water as per 98/83 EC |
| <i>Clostridium perfringens</i> (including spores) | 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 |

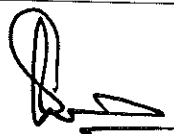
Water-2

(For exports to all countries including European Union)

| Specific Tests or Parameter (Analyte) | Products, Materials or Items (Matrix) |
|---|---------------------------------------|
| Standard plate count | Water as per IS 4251 |
| Coliforms | Water as per IS 4251 |
| <i>E.coli</i> | Water as per IS 4251 |
| Proteolytic and lipolytic organisms | Water as per IS 4251 |
| Colour (Hazen Units) | Water as per IS 4251 & IS 10500 |
| Turbidity as NTU | Water as per IS 4251 & IS 10500 |
| Odour | Water as per IS 4251 & IS 10500 |
| pH | Water as per IS 4251 & IS 10500 |
| Total Solids | Water as per IS 4251 |
| Total Hardness as CaCO ₃ , | Water as per IS 4251 |
| Sulphate as SO ₄ | Water as per IS 4251 & IS 10500 |
| Fluoride as F | Water as per IS 4251 & IS 10500 |
| Chloride as Cl | Water as per IS 4251 & IS 10500 |
| Cyanide as CN | Water as per IS 4251 & IS 10500 |
| Selenium as Se | Water as per IS 4251 & IS 10500 |
| Iron as Fe | Water as per IS 4251 & IS 10500 |
| Magnesium as Mg | Water as per IS 4251 & IS 10500 |
| Manganese as Mn | Water as per IS 4251 & IS 10500 |
| Copper as Cu | Water as per IS 4251 & IS 10500 |
| Lead as Pb | Water as per IS 4251 & IS 10500 |
| Chromium as Cr ⁶⁺ | Water as per IS 4251 & IS 10500 |
| Zinc as Zn | Water as per IS 4251 |
| Arsenic as As | Water as per IS 4251 & IS 10500 |
| Nitrate as N | Water as per IS 4251 |
| Phenolic substances as C ₆ H ₅ OH | Water as per IS 4251 & IS 10500 |
| Cadmium as Cd | Water as per IS 4251 & IS 10500 |
| Mercury as Hg | Water as per IS 4251 & IS 10500 |
| Taste | Water as per IS 10500 |
| Total dissolved solids | Water as per IS 10500 |
| Aluminium as Al | Water as per IS 10500 |
| Total Ammonia as N | Water as per IS 10500 |
| Anionic detergent as MBAS | Water as per IS 10500 |
| Barium as Ba | Water as per IS 10500 |


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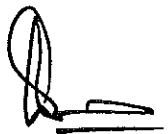
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| | |
|---------------------------------------|-----------------------|
| Boron as B | Water as per IS 10500 |
| Calcium as Ca | Water as per IS 10500 |
| Chloramines as Cl ₂ | Water as per IS 10500 |
| Free residual chlorine | Water as per IS 10500 |
| Mineral oil | Water as per IS 10500 |
| Nitrate as NO ₃ | Water as per IS 10500 |
| Silver as Ag | Water as per IS 10500 |
| Sulphide as H ₂ S | Water as per IS 10500 |
| Total Alkalinity as CaCO ₃ | Water as per IS 10500 |
| Total Hardness as CaCO ₃ | Water as per IS 10500 |
| Molybdenum as Mo | Water as per IS 10500 |
| Nickel as Ni | Water as per IS 10500 |
| Total Arsenic as As | Water as per IS 10500 |
| Pesticides | Water as per IS 10500 |
| Polychlorinated biphenyls | Water as per IS 10500 |
| Polyaromatic hydrocarbons | Water as per IS 10500 |
| Total Chromium as Cr | Water as per IS 10500 |
| Trihalomethanes | Water as per IS 10500 |


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