



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: M/s Reliable Analytical Laboratories Pvt. Ltd., Thane  
Validity of approval : Up to and including 12.02.2019

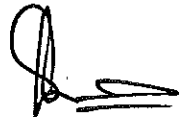
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### Biological-1 (For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<i>Ecoli</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses
Coliforms	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses
Total Plate count	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses
Faecal Coliforms	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Salmonella</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses
<i>Shigella</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
Faecal <i>Streptococci</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Clostridium Perfringens</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
Sulphite Reducing Bacteria	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Salt
<i>Staphylococcus aureus (Coagulus +ve)</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses, Salt
<i>Vibrio Parahaemolyticus</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Vibrio Cholera</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Enterobacteriaceae</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Listeria</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,
<i>Bacillus Cereus</i>	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products,

  
Sabeerali A M  
Assistant Director



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



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Yeast and Mould	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Fresh Poultry, meat and poultry meat products, Nut and Nut products, Spices and condiments, Fruit and Vegetables products, Fruit Juices and concentrates, Beverages and soft drinks, Cereals and pulses
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### Chemical-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Nitrofurantol Metabolites AOZ AMOZ AHD SEM	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk
Chloramphenicol	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk
Tetracyclins and 4- epitetracyclines Oxytetracylin & 4- EpiOxytetracylin Chlortetracycline & 4- Epichlortetracyclin	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk
Sulphonamides Sulfadimethoxine Sulfamethazine Sulfamerazine Sulfamethoxy- Pyridazine Sulfapyridine Sulfamethoxazole Sulfathiazole Sulfamethiazole Sulfachloropyradazine	Fish & Fishery Products ( Crustaceans, Cephalopods, Fish), Milk
Macrolides-Thiamphenicol	Milk
Enrofloxacin (sum of enrofloxacin & ciprofloxacin)	Milk
Albendazole & its isomers (sum of Albendazole sulphoxide)	Milk
Fenbendazole (sum of extractable residues which may be oxidized to Oxfendazole Sulphone)	Milk
Oxolinic Acid	Fish
Nitroimidazole - Metronidazole	Milk
Nitroimidazole - Ronidazole	Milk
Tylosin A	Milk
Trimethoprim	Milk
Tilmicosin	Milk
Morantel	Milk
Dihydrastreptomycin and Streptomycin	Milk
Kanamycin	Milk
Neomycin	Milk
Spectinomycin	Milk
Spiromycin	Milk

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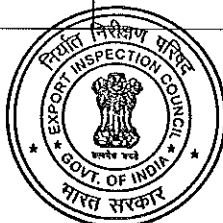
### Chemical-3 (For exports to all countries including European Union)


Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Organophosphorous Pesticides:</b>	
Diazinon,	Milk
Fenthion(Fenthion and its oxygen analogues, their sulphoxide and sulphone),	Milk
Malathion (Sum of malathion and malaxon expressed as malaxon)	Milk
Parathion methyl (Sum of parathion methyl and paraxon methyl expressed as parathion methyl)	Milk
Phosalone	Milk
<b>Organochlorine compounds including PCBs:</b>	
Aldrin,	Milk, Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Dieldrin,	Milk, Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Endosulphan (Sum of alpha, beta isomers and endosulphan sulphate expressed as endosulphan),	Milk
Lindane (gamma HCH),	Milk, Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Heptachlor (Sum of Heptachlor expressed as heptachlor),	Milk, Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Methoxychlor,	Milk
Chlordane,	Milk, Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Hexachlorobenzene	Fish and Fishery Product ( Crustaceans, Cephalopods, Fish)
DDT (Sum of pp DDT, op DDT, pp DDE, pp DDD expressed as DDT)	Fish and Fishery Product ( Crustaceans, Cephalopods, Fish)
Alpha HCH	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Beta HCH	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Polychlorinated Biphenyls : PCBs 28, PCB 52, PCB 101, PCB 138, PCB 153, PCB	Milk
Acephate	Rice
Carbendazim and benomyl	Rice
Flonicamid (sum of TNFG and TNFA including Flonicamid)	Rice
Imidacloprid	Rice
Metconazole(sum of isomers)	Rice
Prothiiconazole	Rice
Tebufozide	Rice
Triazohos.	Rice
Thiophanate Methyl	Rice

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

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Arsenic	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items

  
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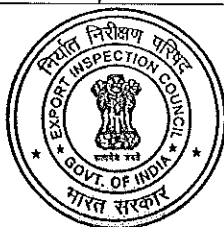
Mercury	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Lead	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Cadmium	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Copper	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and Milk products, Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Aflatoxins M1	Milk
Leucomalachite green	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Malachite green	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Histamine	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Aflatoxin B1	Nut and nut products
Aflatoxin B2	Nut and nut products
Aflatoxin G1	Nut and nut products
Aflatoxin G2	Nut and nut products
Ochratoxin A	Cereals & pulses
Tin	Fish & Fishery products ( Crustaceans, Cephalopods, Fish), Milk and milk products
Melamine	Milk and Milk products


### Chemical-5

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Total Volatile Base Nitrogen (TVBN)	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Total Phosphates as P2O6	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Trimethylamine Nitrogen	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Indole	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Nitrate	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Nitrite	Fish & Fishery products ( Crustaceans, Cephalopods, Fish)
Sulphite	Fish & Fishery products
Moisture	Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Ash	Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Acid insoluble ash	Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Acidity of extracted fat	Cereals & Pulses, Bakery & confectionary, Ready to eat items
Fat	Cereals & Pulses, Bakery & confectionary, Ready to eat items
Protein	Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Salt	Cereals & Pulses, Spices & Condiments, Bakery & confectionary, Ready to eat items
Alcoholic acidity	Cereals & Pulses, Bakery & confectionary

  
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### Physical-1

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Damaged, Broken, L/B ratio, Foreign matter, Other grains, Immature grains, Chalky grains	Cereals, Pulses, Nut and nut products

### Water-1

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Chemical</b>	
Odour	Water as per 98/83/EC
Colour	Water as per 98/83/EC
Turbidity	Water as per 98/83/EC
pH	Water as per 98/83/EC
Copper	Water as per 98/83/EC
Iron	Water as per 98/83/EC
Manganese	Water as per 98/83/EC
Fluoride	Water as per 98/83/EC
Chloride	Water as per 98/83/EC
Arsenic	Water as per 98/83/EC
Cadmium	Water as per 98/83/EC
Lead	Water as per 98/83/EC
Mercury	Water as per 98/83/EC
Nickel	Water as per 98/83/EC
Chromium	Water as per 98/83/EC
Sulphate	Water as per 98/83/EC
Nitrate	Water as per 98/83/EC
Nitrite	Water as per 98/83/EC
Cyanide	Water as per 98/83/EC
Antimony	Water as per 98/83/EC
Boron	Water as per 98/83/EC
Bromate	Water as per 98/83/EC
Oxidisable matter	Water as per 98/83/EC
Sodium	Water as per 98/83/EC
Aluminium	Water as per 98/83/EC
Ammonium	Water as per 98/83/EC
Conductivity	Water as per 98/83/EC
DDT (o,p & p,p isomers of DDT, DDE and DDD, Gamma-HCH (Lindane), Alpha,beta,delta HCH, Endosulphan (Alpha, Beta, Endosulphan sulphate, Monocrotophos, Ethion, Chlorpyrifos, Phorate (Phorate and its oxygen analogue i.e phorate sulfoxide and phorate sulphone	Water as per 98/83/EC

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2,4-D, Butachlor, Isoproturon, Alachlor, Atrazine, Methyl Parathion (Methyl Parathion and its oxygen analogue i.e methylparaoxon), Malathion (Malathion and its oxygen analogue i.e Malaoxon), Aldrin and Dieldrin	Water as per 98/83/EC
<b>Microbiological</b>	
<i>Enterococci</i>	Water as per 98/83/EC
Coliform Bacteria	Water as per 98/83/EC
Standard Plate count, Colony Count 22 deg C & 37 deg C	Water as per 98/83/EC
<i>Ecoli</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)
<b>Chemical</b>	
Odour	Water as per IS 4251 & IS 10500
Taste	Water as per IS 10500
Colour	Water as per IS 4251 & IS 10500
Turbidity	Water as per IS 4251 & IS 10500
TDS	Water as per IS 4251 & IS 10500
Total Hardness	Water as per IS 4251 & IS 10500
pH	Water as per IS 4251 & IS 10500
Copper	Water as per IS 4251 & IS 10500
Iron	Water as per IS 4251 & IS 10500
Manganese	Water as per IS 4251 & IS 10500
Fluoride	Water as per IS 4251 & IS 10500
Zinc	Water as per IS 4251 & IS 10500
Chloride	Water as per IS 4251 & IS 10500
Selenium	Water as per IS 4251 & IS 10500
Nitrate	Water as per IS 4251 & IS 10500
Nitrite	Water as per IS 4251 & IS 10500
Sulphate	Water as per IS 4251 & IS 10500
Arsenic	Water as per IS 4251 & IS 10500
Lead	Water as per IS 4251 & IS 10500
Chromium	Water as per IS 4251 & IS 10500
Mercury	Water as per IS 4251 & IS 10500
Cadmium	Water as per IS 4251 & IS 10500
Calcium	Water as per IS 4251 & IS 10500
Magnesium	Water as per IS 4251 & IS 10500
Phenolic compounds	Water as per IS 4251 & IS 10500
Cyanide	Water as per IS 4251 & IS 10500

  
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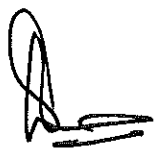
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DDT (o,p & p,p isomers of DDT, DDE and DDD, Gamma-HCH (Lindane), Alpha,beta,delta HCH, Endosulphan (Alpha, Beta, Endosulphan sulphate, Monocrotophos, Ethion, Chlorpyrifos, Phorate (Phorate and its oxygen analogue i.e phorate sulfoxide and phorate sulphone	Water as per IS 4251 & IS 10500
2,4-D, Butachlor, Isoproturon, Alachlor, Atrazine, Methyl Parathion (Methyl Parathion and its oxygen analogue i.e methylparaaxon), Malathion (Malathion and its oxygen analogue i.e Malaaxon), Aldrin and Dieldrin	Water as per IS 4251 & IS 10500
<b>Microbiological</b>	
Coliform Bacteria	Water as per IS 4251 & IS 10500
Standard Plate count, (37 deg C)	Water as per IS 4251
Proteolytic and Lipolytic Organisms combined	Water as per IS 4251
<i>Ecoli</i>	Water as per IS 10500

  
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