



EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

SCOPE OF APPROVAL

Name of the laboratory : M/s Microchem Silliker Pvt. Ltd., Mumbai
Validity of approval : Up to and including 04.05.2018

Date of issue: 05.05.2016
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Biological-1

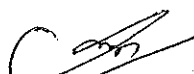
(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<i>E coli</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Enterobacteriaceae</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
Faecal <i>streptococci</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Listeria monocytogenes</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Salmonella species</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Shigella species</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
Coagulase positive <i>Staphylococcus aureus</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
Total Coliform count	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Vibrio parahaemolyticus</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
<i>Vibrio Cholerae</i>	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
Total Plate count	Fish and Fishery products (Crustaceans, Cephalopods, Fish)
Yeast and Mould Count	Fish and Fishery products (Crustaceans, Cephalopods, Fish)

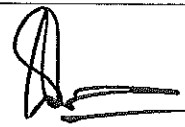
Chemical-2

(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, Fish)
Trimethoprim	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Oxolinic Acid	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Nitrofurans metabolite AOZ AMAZ AHD SEM	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Nitrofurans Parent Compounds Furatadone Furazolidone Nitrofurantoin Nitrofurazone	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Sulphonamides Sulphaguanidine Sulphanilamide Sulphadiazine Sulphathiazole Sulphapyridine Sulphamerazine Sulphamethizole Sulphamethazine Suphamethoxy pyridazine Sulphamethoxazole Sulphadimethoxine Sulphadoxin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Tetracyclines Tetracyclin Oxytetracyclin Chlortetracyclin 4-Epitetracyclin 4-Epioxytetracyclin 4-Epichlortetracyclin	Fish and fishery products (Crustaceans, Cephalopods, Fish)


Sabeeerali A M
Assistant Director




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

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Chemical-3


(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Hexachlorobenzene (Benzenehexachloride)	Fish and fishery products (Crustaceans, Cephalopods, Fish)
pp-DDT	Fish and fishery products (Crustaceans, Cephalopods, Fish)
op-DDT	Fish and fishery products (Crustaceans, Cephalopods, Fish)
pp-DDE	Fish and fishery products (Crustaceans, Cephalopods, Fish)
pp-DDD	Fish and fishery products (Crustaceans, Cephalopods, Fish)
alpha-HCH	Fish and fishery products (Crustaceans, Cephalopods, Fish)
beta-HCH	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Lindane	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Aldrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Endosulfan (all isomers)	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Dieldrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Endrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Cis Chlordane	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Trans Chlordane	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Heptachlor	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Heptachlor epoxide	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Alachlor	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Butachlor	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Chlorothalonil	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Carbofuran	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Aldicarb	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Methomyl	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Propoxur	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Carbaryl	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Mancozeb	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Carbosulfan	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Thiodicarb	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Cypermethrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Cyfluthrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Etofenfrox	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Permethrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Lambda Cyhalothrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Deltamethrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Fenvalerate	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Fluvalinate isomers	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Fenpropathrin	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Pendimethalin	Fish and fishery products (Crustaceans, Cephalopods, Fish)

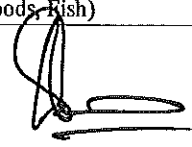
Chemical-4

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Histamine	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Antimony	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Arsenic	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Cadmium	Fish and fishery products (Crustaceans, Cephalopods, Fish)


Sabcerali A M
Assistant Director




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



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Chromium	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Copper	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Lead	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Mercury	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Nickel	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Selenium	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Aluminum	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Iron	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Manganese	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Boron	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Leucomalachite green	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Malachite Green	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Crystal violet	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Leucocrystal violet	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Allura red	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Aflatoxins (B1, B2, G1, G2)	Peanuts & Peanut 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	Fish and fishery products (Crustaceans, Cephalopods, Fish)
Trimethylamine Nitrogen	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)
<i>Escherichia coli</i> (<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
Coliform Count	Water as per 98/83/EC
Colony count 22 °C	Water as per 98/83/EC
Colony count 37 °C	Water as per 98/83/EC
Antimony	Water as per 98/83/EC
Arsenic	Water as per 98/83/EC
Cadmium	Water as per 98/83/EC
Chromium	Water as per 98/83/EC
Copper	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
Selenium	Water as per 98/83/EC
Aluminum	Water as per 98/83/EC
Iron	Water as per 98/83/EC
Manganese	Water as per 98/83/EC
Sodium	Water as per 98/83/EC
Boron	Water as per 98/83/EC
Benzo(b)fluoranthene	Water as per 98/83/EC
Benzo(k) fluoranthene	Water as per 98/83/EC
Benzo(ghi)perylene	Water as per 98/83/EC
Indol (1,2,3 cd) pyrene	Water as per 98/83/EC
Acrylamide	Water as per 98/83/EC


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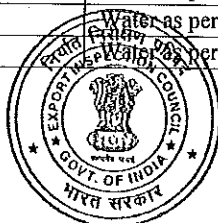
Validity of approval : Up to and including 04.05.2018


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Taste	Water as per 98/83/EC
Odour	Water as per 98/83/EC
Colour	Water as per 98/83/EC
pH	Water as per 98/83/EC
Turbidity	Water as per 98/83/EC
Conductivity	Water as per 98/83/EC
Nitrate	Water as per 98/83/EC
Nitrite	Water as per 98/83/EC
Ammonium	Water as per 98/83/EC
Sulphate	Water as per 98/83/EC
Fluoride	Water as per 98/83/EC
Chloride	Water as per 98/83/EC
Cyanide	Water as per 98/83/EC
Hexachlorobenzene (Benzenenehexachloride)	Water as per 98/83/EC
pp-DDT	Water as per 98/83/EC
op-DDT	Water as per 98/83/EC
pp-DDE	Water as per 98/83/EC
op-DDE	Water as per 98/83/EC
pp-DDD	Water as per 98/83/EC
op-DDD	Water as per 98/83/EC
alpha-HCH	Water as per 98/83/EC
beta-HCH	Water as per 98/83/EC
Delta-HCH	Water as per 98/83/EC
Lindane	Water as per 98/83/EC
Aldrin	Water as per 98/83/EC
Endosulfan (all isomers) α, β , sulphate	Water as per 98/83/EC
Dieldrin	Water as per 98/83/EC
Endrin	Water as per 98/83/EC
Cis Chlordane	Water as per 98/83/EC
Trans Chlordane	Water as per 98/83/EC
Heptachlor	Water as per 98/83/EC
Heptachlor epoxide	Water as per 98/83/EC
Alachlor	Water as per 98/83/EC
Butachlor	Water as per 98/83/EC
Chlorothalonil	Water as per 98/83/EC
Accephate	Water as per 98/83/EC
Chlorofenvinfos	Water as per 98/83/EC
Chloropyriphos	Water as per 98/83/EC
Chloropyriphos methyl	Water as per 98/83/EC
Dichlorovos	Water as per 98/83/EC
Diazinon	Water as per 98/83/EC
Dimethoate	Water as per 98/83/EC
Ethion	Water as per 98/83/EC
Monocrotophos	Water as per 98/83/EC
Malathion	Water as per 98/83/EC
Malaxoan	Water as per 98/83/EC
Methamidophos	Water as per 98/83/EC
Omethoate	Water as per 98/83/EC
Parathion ethyl	Water as per 98/83/EC


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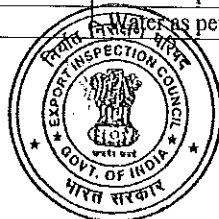
Parathion methyl	Water as per 98/83/EC
Phorate	Water as per 98/83/EC
Phorate sulfone	Water as per 98/83/EC
Phorate sulfoxide	Water as per 98/83/EC
Profenofos	Water as per 98/83/EC
Phosalone	Water as per 98/83/EC

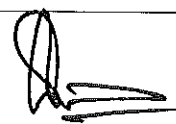
Water-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<i>E. Coli</i>	Water as per IS 4251, IS 10500
Coliform	Water as per IS 4251, IS 10500
Slime-forming organisms	Water as per IS 4251
Thermophilic bacteria	Water as per IS 4251
Total plate count	Water as per IS 4251
Proteolytic bacteria	Water as per IS 4251
Lipolytic bacteria	Water as per IS 4251
Colour	Water as per IS 4251, IS 10500
Odour	Water as per IS 4251, IS 10500
Taste	Water as per IS 10500
Turbidity	Water as per IS 4251, IS 10500
pH Value	Water as per IS 4251, IS 10500
Total Hardness (as CaCO ₃)	Water as per IS 4251, IS 10500
Iron	Water as per IS 4251, IS 10500
Chloride	Water as per IS 4251, IS 10500
Fluoride	Water as per IS 4251, IS 10500
Total Dissolved solids	Water as per IS 4251, IS 10500
Magnesium	Water as per IS 4251, IS 10500
Copper	Water as per IS 4251, IS 10500
Manganese	Water as per IS 4251, IS 10500
Sulphate	Water as per IS 4251, IS 10500
Nitrate	Water as per IS 4251, IS 10500
Zinc	Water as per IS 4251, IS 10500
Selenium	Water as per IS 4251, IS 10500
Cyanide	Water as per IS 4251, IS 10500
Phenolic Compounds	Water as per IS 4251, IS 10500
Residual Chloride	Water as per IS 10500
Calcium	Water as per IS 10500
Anionic detergents (as MBAS)	Water as per IS 10500
Mineral Oil	Water as per IS 10500
Alkalinity	Water as per IS 10500
Silver	Water as per IS 10500
Barium	Water as per IS 10500
Aluminum	Water as per IS 10500
Boron	Water as per IS 10500
Mercury	Water as per IS 4251, IS 10500
Cadmium	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


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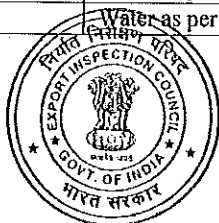
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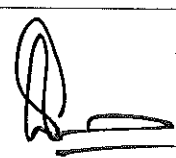
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Benzo(b)fluoranthene	Water as per IS 4251, IS 10500
Benzo(k) fluoranthene	Water as per IS 4251, IS 10500
Benzo(ghi)perylene	Water as per IS 4251, IS 10500
Indol(1,2,3 cd)pyrene	Water as per IS 4251, IS 10500
Naphthalene	Water as per IS 4251, IS 10500
Acenaphthalene	Water as per IS 4251, IS 10500
Acenaphthene	Water as per IS 4251, IS 10500
Flourene	Water as per IS 4251, IS 10500
Phenanthrene	Water as per IS 4251, IS 10500
Anthracene	Water as per IS 4251, IS 10500
Fluoranthene	Water as per IS 4251, IS 10500
Pyrene	Water as per IS 4251, IS 10500
Benzo(a)anthracene	Water as per IS 4251, IS 10500
Chrysene	Water as per IS 4251, IS 10500
Benzo(a)Pyrene	Water as per IS 4251, IS 10500
Dibenzo(a,h)anthracene	Water as per IS 4251, IS 10500
Poly chlorinated biphenyl	Water as per IS 4251, IS 10500
Hexachlorobenzene (Benzenehexachloride)	Water as per IS 4251, IS 10500
pp-DDT	Water as per IS 4251, IS 10500
op-DDT	Water as per IS 4251, IS 10500
pp-DDE	Water as per IS 4251, IS 10500
op-DDE	Water as per IS 4251, IS 10500
pp-DDD	Water as per IS 4251, IS 10500
op-DDD	Water as per IS 4251, IS 10500
alpha-HCH	Water as per IS 4251, IS 10500
beta-HCH	Water as per IS 4251, IS 10500
Delta-HCH	Water as per IS 4251, IS 10500
Lindane	Water as per IS 4251, IS 10500
Aldrin	Water as per IS 4251, IS 10500
Endosulfan (all isomers) α, β , sulphate	Water as per IS 4251, IS 10500
Dieldrin	Water as per IS 4251, IS 10500
Endrin	Water as per IS 4251, IS 10500
Cis Chlordane	Water as per IS 4251, IS 10500
Trans Chlordane	Water as per IS 4251, IS 10500
Heptachlor	Water as per IS 4251, IS 10500
Heptachlor epoxide	Water as per IS 4251, IS 10500
Alachlor	Water as per IS 4251, IS 10500
Butachlor	Water as per IS 4251, IS 10500
Chlorothalonil	Water as per IS 4251, IS 10500
Acephate	Water as per IS 4251, IS 10500
Chlorofenvinfos	Water as per IS 4251, IS 10500
Chloropyriphos	Water as per IS 4251, IS 10500
Chloropyriphos methyl	Water as per IS 4251, IS 10500
Dichlorovos	Water as per IS 4251, IS 10500
Dizinon	Water as per IS 4251, IS 10500
Dimethoate	Water as per IS 4251, IS 10500
Ethion	Water as per IS 4251, IS 10500
Monocrotophos	Water as per IS 4251, IS 10500


Sabeeraji A M
Assistant Director




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Malathion	Water as per IS 4251, IS 10500
Malaxon	Water as per IS 4251, IS 10500
Methamidophos	Water as per IS 4251, IS 10500
Omethoate	Water as per IS 4251, IS 10500
Parathion ethyl	Water as per IS 4251, IS 10500
Parathion methyl	Water as per IS 4251, IS 10500
Phorate	Water as per IS 4251, IS 10500
Phorate sulfone	Water as per IS 4251, IS 10500
Phorate sulfoxide	Water as per IS 4251, IS 10500
Profenofos	Water as per IS 4251, IS 10500
Phosalone	Water as per IS 4251, IS 10500




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