



EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

SCOPE OF APPROVAL

Name of the laboratory: M/s TUV SUD South Asia Pvt. Ltd., Gurgaon
Validity of approval : Up to and including 08.10.2019

Date of issue: 09.10.2017
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Biological-1

(For exports to all countries including European Union)

Specific test or parameters (Analyte)	Products , Materials or items (Matrix)
Aerobic plate count/Total Plate count	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Escherichia coli</i>	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
Coliform	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Staphylococcus aureus</i> (Coagulase positive)	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Salmonella</i>	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
Yeast and Mould	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Clostridium perfringens</i>	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Vibrio cholera</i>	Animal Feed
<i>Vibrio parahaemolyticus</i>	Animal Feed
<i>Cronobacter sakazakii</i>	Milk and Milk products
<i>Bacillus cereus</i>	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed
<i>Listeria monocytogenes</i>	Milk and Milk products, Meat and Meat Products, Animal Feed
<i>Enterobacteriaceae</i>	Milk and Milk products, Meat and Meat Products, Spices and condiments, Animal Feed

Chemical-1

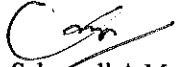
(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Total residual antibiotic as β -Lactam (Amoxicillin, Ampicillin, Cefacetil, Cefalexin, Cefalonium, Cefaperazon, Cefitofur, Cloxacillin, Dicloxacillin, Nafcillin, Penicillin-G, Oxacillin, Cefapirin)	Milk & Milk Products


Chemical-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Chloramphenicol	Milk and Milk Products
Nitrofurans Metabolites	
3-Amino-5-morpholinomethyl-2-oxazolidinone (AOZ)	Milk and Milk Products
Amino-oxazolidinone (AMOZ)	Milk and Milk Products
Aminohydantoin (AHD)	Milk and Milk Products
Semicarbazide (SEM)	Milk and Milk Products
Furazolidone	Milk and Milk Products
Tetracyclines	
Sum of Tetracycline and 4-Epitetracycline	Milk and Milk Products
Sum of Oxytetracycline and 4-Oxytetracycline	Milk and Milk Products
Sum of Chlorotetracycline and EpiChlorotetracycline	Milk and Milk Products
Doxycycline	Milk and Milk Products


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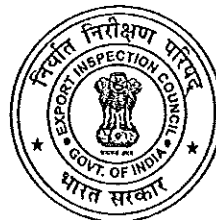
SCOPE OF APPROVAL

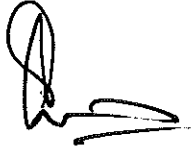
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Quinolones	
Ciprofloxacin	Milk and Milk Products
Enrofloxacin	Milk and Milk Products
Sulphonamides	
Sulfachloropyridazine	Milk and Milk Products
Sulfamethoxypyridazine	Milk and Milk Products
Sulfadimethoxine	Milk and Milk Products
Sulfamethizole	Milk and Milk Products
Sulfamethoxazole	Milk and Milk Products
Sulfadiazine	Milk and Milk Products
Sulfamethazine(sulfadimidine)	Milk and Milk Products
Sulfamerazine	Milk and Milk Products
Sulfapyridine	Milk and Milk Products
Sulfadoxine	Milk and Milk Products
Sulfanilamide	Milk and Milk Products
Sulfathiazole	Milk and Milk Products
Trimethoprim	Milk and Milk Products
Aminoglycosides	
Dihydrostreptomycin	Milk and Milk Products
Streptomycin	Milk and Milk Products
Gentamicin (sum of Gentamicin C1, Gentamicin C1a, Gentamicin C2 and Gentamicin C2a)	Milk and Milk Products
Kanamycin	Milk and Milk Products
Neomycin	Milk and Milk Products
Spectinomycin	Milk and Milk Products
Anthelmintics	
Albendazole	Milk and Milk Products
Albendazole Sulfoxide	Milk and Milk Products
Albendazole Sulfone	Milk and Milk Products
Albendazole-2-amino-sulfone	Milk and Milk Products
Fenbendazole (sum of extractables residues which may be oxidized to oxfenbendazole sulphone)	Milk and Milk Products
Morantel (sum of residues which may be hydrolysed to N-methyl-1,3-propanediamine and expressed as morantel equivalents)	Milk and Milk Products
Ivermectin (22,23-Dihydro-avermectin B1a)	Milk and Milk Products
Nitroimidazole	
Ronidazole	Milk and Milk Products
Metronidazole	Milk and Milk Products
Macrolides	
Erythromycin	Milk and Milk Products
Spiramycin (sum of spiramycin and neospiramycin)	Milk and Milk Products
Tilmicosin	Milk and Milk Products
Tylosin	Milk and Milk Products
Thiamphenicol	Milk and Milk Products
Phenylbutazone	Milk and Milk Products


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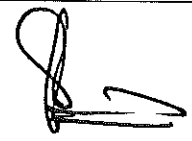
Chemical-3

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Organochlorine Pesticides	
γ -HCH (Lindane)	Milk and Milk Products
Dichlorvos	Milk and Milk Products
Ethion	Milk and Milk Products
Aldrin	Milk and Milk Products
Dieldrin	Milk and Milk Products
Heptachlor	Milk and Milk Products
Heptachlor Epoxide	Milk and Milk Products
Chlordane (Cis and Trans Isomers)	Milk and Milk Products
Endosulphan Alpha	Milk and Milk Products
Endosulphan Beta	Milk and Milk Products
Endosulphan Sulfate	Milk and Milk Products
Methoxychlor	Milk and Milk Products
Organophosphorus Pesticides	
Diazinon	Milk and Milk Products
Fenthion (Fenthion and its oxygen analogue)	Milk and Milk Products
Fenthion-Sulfone	Milk and Milk Products
Fenthion-Sulfoxide	Milk and Milk Products
Fenthion	Milk and Milk Products
Malathion	Milk and Milk Products
Malaoxon	Milk and Milk Products
Methyl Parathion	Milk and Milk Products
Methyl Paraaxon	Milk and Milk Products
Phosalone	Milk and Milk Products
Other Pesticides	
Bentazone	Cereals
6-OH Bentazone	Cereals
8-OH Bentazone	Cereals
Carbendazim	Cereals
Benomyl	Cereals
Cyfluthrin-1	Cereals
Cyfluthrin-2	Cereals
Cyfluthrin-3	Cereals
Cyfluthrin-4	Cereals
Fenamidone	Cereals
Ioxynil	Cereals
Thiophanate Methyl	Cereals
Acequinocyl	Cereals
Fenazaquin	Cereals
Fonicamid	Cereals
TNFA	Cereals
TNFG	Cereals


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Flutriafol	Cereals
Imidachloprid	Cereals
Metaconazole	Cereals
Prothioconazole	Cereals
Prothioconazole-desthio	Cereals
Tebuconazole	Cereals
Isoprothilone	Cereals
Pirimiphos-methyl	Cereals
Buprofezin	Cereals
Bifenthrin	Cereals
Triazophos	Cereals
Tricyclazole	Cereals
Tricyclazole metabolite	Cereals
Acephate	Cereals

Chemical-4

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
PCBs	Milk and Milk Products
Heavy Metals	
Lead	Milk and Milk Products
Lead in Milk Fat	Milk and Milk Products
Arsenic	Milk and Milk Products
Tin	Milk and Milk Products
Cadmium	Milk and Milk Products
Zinc	Milk and Milk Products
Mercury	Milk and Milk Products
Mycotoxins	
Aflatoxin B1	Cereals, Groundnut
Aflatoxin B2	Cereals, Groundnut
Aflatoxin M1	Milk and Milk Products
Aflatoxin G1	Cereals, Groundnut
Aflatoxin G2	Cereals, Groundnut
Melamine	Milk and Milk Products

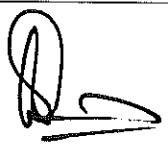
Chemical-5

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Moisture	Cereal and Cereal Products, Oilseeds
Amylose Content	Cereal and Cereal Products
Alkali Spread value	Cereal and Cereal Products
Gel Length	Cereal and Cereal Products


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Physical-1

(For exports to all countries including European Union)

Specific Tests or Parameter(Analyte)	Products, Materials or Items (Matrix)
Broken & fragments	Cereal and Cereal Products
Foreign matter	Cereal and Cereal Products
Paddy grains	Cereal and Cereal Products
Average precook length	Cereal and Cereal Products
L/B Ratio	Cereal and Cereal Products
Damaged/ discoloured grains	Cereal and Cereal Products
Chalky grains/ Black Kernels	Cereal and Cereal Products
Other grains	Cereal and Cereal Products
Under milled and red stripped grains	Cereal and Cereal Products
Elongation ratio	Cereal and Cereal Products
Green grains	Cereal and Cereal Products
Aroma Test	Cereal and Cereal Products

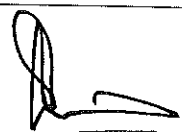
Water-1

(For exports to all countries including European Union)

Specific Tests or Parameter(Analyte)	Products, Materials or Items (Matrix)
Microbiological Requirements	
<i>Escherichia coli</i>	Water as per 98/83/EC
Coliform	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 @ 22 °C	Water as per 98/83/EC
Colony count @ 37 °C	Water as per 98/83/EC
<i>Clostridium perfringens</i> , (including Spores)	Water as per 98/83/EC
Pesticides Residues	
o,p DDD	Water as per 98/83/EC
p,p DDD	Water as per 98/83/EC
o, p DDT	Water as per 98/83/EC
p,pDDT	Water as per 98/83/EC
o, p DDE	Water as per 98/83/EC
p, p DDE	Water as per 98/83/EC
γ -HCH(Lindane)	Water as per 98/83/EC
δ HCH	Water as per 98/83/EC
β HCH	Water as per 98/83/EC
α HCH	Water as per 98/83/EC
Endosulfan α	Water as per 98/83/EC
Endosulfan- β	Water as per 98/83/EC
Endosulfan-Sulfate	Water as per 98/83/EC
Monocrotophos	Water as per 98/83/EC
Ethion	Water as per 98/83/EC
Chlorpyrifos	Water as per 98/83/EC
Phorate	Water as per 98/83/EC


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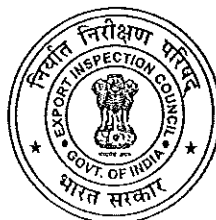
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Phorate Sulfone	Water as per 98/83/EC
Phorate Sulfoxide	Water as per 98/83/EC
2, 4-D	Water as per 98/83/EC
Butachlor	Water as per 98/83/EC
Isoproturon	Water as per 98/83/EC
Alachor	Water as per 98/83/EC
Atrazine	Water as per 98/83/EC
Methyl parathion	Water as per 98/83/EC
Methyl paraxon	Water as per 98/83/EC
Malathion	Water as per 98/83/EC
Malaxon	Water as per 98/83/EC
Aldrin	Water as per 98/83/EC
Dieldrin	Water as per 98/83/EC
Heptachlor	Water as per 98/83/EC
Heptachlor epoxide	Water as per 98/83/EC
Acephate	Water as per 98/83/EC
Dimethoate	Water as per 98/83/EC
Phosphamidon	Water as per 98/83/EC
Carbaryl	Water as per 98/83/EC
Simazine	Water as per 98/83/EC
Metalaxyl	Water as per 98/83/EC
Metalaxyl-M	Water as per 98/83/EC
Diazinon	Water as per 98/83/EC
Poly Aromatic Hydrocarbons	
Benzo(a)pyrene	Water as per 98/83/EC
Benzo (b) fluoranthene	Water as per 98/83/EC
Benzo (g,h,i) perylene	Water as per 98/83/EC
Benzo (k) fluoranthene	Water as per 98/83/EC
Indeno(1,2,3-cd)pyrene	Water as per 98/83/EC
Naphthalene	Water as per 98/83/EC
Acenaphthylene	Water as per 98/83/EC
Acenaphthene	Water as per 98/83/EC
Phenanthrene	Water as per 98/83/EC
Anthracene	Water as per 98/83/EC
Fluoranthrene	Water as per 98/83/EC
Pyrene	Water as per 98/83/EC
Benz(a)Anthracene	Water as per 98/83/EC
Chrysene	Water as per 98/83/EC
Dibenz(a,h)Anthracene	Water as per 98/83/EC
Fluorene	Water as per 98/83/EC
Volatile Organic compounds	
Benzene	Water as per 98/83/EC
Acrylamide	Water as per 98/83/EC
Epichlorohydrin	Water as per 98/83/EC
1, 2 - dichloroethane	Water as per 98/83/EC
Tetrachloroethene	Water as per 98/83/EC


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Triachloroethene	Water as per 98/83/EC
Vinyl Chloride	Water as per 98/83/EC
Trihalomethanes — Total	Water as per 98/83/EC
Chloroform	Water as per 98/83/EC
Bromoform	Water as per 98/83/EC
Dibromochloromethane	Water as per 98/83/EC
Bromodichloromethane	Water as per 98/83/EC
Metals	
Arsenic	Water as per 98/83/EC
Chromium	Water as per 98/83/EC
Copper	Water as per 98/83/EC
Iron	Water as per 98/83/EC
Lead	Water as per 98/83/EC
Mercury	Water as per 98/83/EC
Manganese	Water as per 98/83/EC
Cadmium	Water as per 98/83/EC
Selenium	Water as per 98/83/EC
Antimony	Water as per 98/83/EC
Aluminium	Water as per 98/83/EC
Nickel	Water as per 98/83/EC
Boron	Water as per 98/83/EC
Bromate	Water as per 98/83/EC
Other Chemical Parameters	
Sulphate	Water as per 98/83/EC
Ammonium	Water as per 98/83/EC
Oxidisability	Water as per 98/83/EC
Chlorides	Water as per 98/83/EC
Fluoride	Water as per 98/83/EC
Nitrates	Water as per 98/83/EC
Nitrites	Water as per 98/83/EC
Sodium	Water as per 98/83/EC
Total Organic carbon	Water as per 98/83/EC
Cyanide	Water as per 98/83/EC
Physical	
Colour	Water as per 98/83/EC
Odour	Water as per 98/83/EC
Turbidity	Water as per 98/83/EC
Taste	Water as per 98/83/EC
Hydrogen ion concentration	Water as per 98/83/EC
Conductivity	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)
Microbiological Requirement	
Coliform	Water as per IS 4251
Standard Plate count @ 37	Water as per IS 4251

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Proteolytic & Lipolytic count	Water as per IS 4251
Physical	
Colour	Water as per IS 4251
Odour	Water as per IS 4251
Turbidity	Water as per IS 4251
Taste	Water as per IS 4251
pH	Water as per IS 4251
Chemical	
Sulphate	Water as per IS 4251
Chlorides	Water as per IS 4251
Fluoride	Water as per IS 4251
Nitrates as N	Water as per IS 4251
Cyanide	Water as per IS 4251
Total Hardness (as CaCO ₃)	Water as per IS 4251
Magnesium as Mg	Water as per IS 4251
Chromium Six	Water as per IS 4251
Phenolic Substances (as C ₅ H ₅ OH)	Water as per IS 4251
Total Solid	Water as per IS 4251
Metals	
Arsenic	Water as per IS 4251
Copper	Water as per IS 4251
Iron	Water as per IS 4251
Lead	Water as per IS 4251
Mercury	Water as per IS 4251
Manganese	Water as per IS 4251
Cadmium	Water as per IS 4251
Selenium	Water as per IS 4251


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