



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata

Date of issue: 29.11.2017

Validity of approval : Up to and including: 28.11.2019

Page 1 of 7

### Biological-1

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Total Plate Count	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk & Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
Coliform count	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk & Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
<i>E.coli</i>	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk & Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
<i>Staphylococcus aureus</i> (Coagulase Positive)	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk & Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
<i>Enterobacteriaceae</i>	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk & Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
Proteolytic bacterial count	Milk & Dairy Products, Meat & Meat Products, Egg and Egg Products
Lipolytic bacterial count	Milk & Dairy Products, Meat & Meat Products, Egg and Egg Products
Incubation Test @ 37°C for 10 days	Canned & Processed Foods
Incubation Test @ 55°C for 7 days	Canned & Processed Foods
Yeast & Mold	Bakery and Confectionery Products, Alcoholic, Non Alcoholic Drinks & Beverages, Canned & Processed Foods, Cereals, Pulses & Cereal Products, Tea, Coffee & Cocoa Products, Fish and Fishery Products, Egg and Egg Products, Fruit & Fruit Products, Vegetable and Vegetable Products, Herbs, Spices & Condiments, Meat & Meat Products, Milk

Sabeerali A M  
Assistant Director



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



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata

Date of issue: 29.11.2017

Validity of approval : Up to and including: 28.11.2019

Page 2 of 7

	& Dairy Products, Sugar & Sugar Products, Honey & Honey Products.
--	---

### Chemical-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>B1/Antibacterial Substances</b>	
Erythromycin A	Egg
Lincomycin	Egg
Neomycin B	Egg
Tiamulin	Egg
Tylosin A	Egg
<b>B2b/Anticoceidials</b>	
Lasalocid A (in egg white)	Egg, Meat & Meat Products(muscle)
<b>B1 / Antibacterial substances</b>	
Amoxycillin	Meat & Meat Products (Muscle)
Difloxacin	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Doxycycline	Meat & Meat Products (Muscle)
Enrofloxacin (sum of enrofloxacin and ciprofloxacin)	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Oxolinic acid	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfadimidine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfadiazine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfadimethoxine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfadoxine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfamethazine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfanilamide	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfamirazine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfamethoxyipyridazine	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfamethiazole	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Sulfathiazole	Meat & Meat Products (Muscle), Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Trimethoprim	Meat & Meat Products (Muscle)
Flumequine	Fish & Fishery products(Crutaceans/Fish/Cephalopods)
Nalidixic Acid	Fish & Fishery products(Crutaceans/Fish/Cephalopods)

### Chemical-3

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>B2c / Carbamates &amp; Pyrethroids</b>	
Carbaryl	Honey
Carbofuran	Honey

Sabeerali A M  
Assistant Director



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



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata  
Validity of approval : Up to and including: 28.11.2019

Date of issue: 29.11.2017

Page 3 of 7

Propoxeur	Honey
Cyfluthrin (sum of isomers)	Honey
Cyhalothrin (sum of isomers)	Honey
Cypermethrin (sum of isomers)	Honey
Deltamethrin	Honey
Fenvalerate (sum of RR, SS, RS and SR isomers)	Honey
Permethrin (sum of isomers)	Honey
<b>B3a / Organochlorine Compounds</b>	
Aldrin	Honey
dieldrin	Honey
Chlorobenzelate	Honey
DDT(Sum of p,p'-DDT, o,p- DDE,o,p-DDD,o,p'-DDT, p-p'-DDE and p,p'-DDD expressed as DDT)	Honey
Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expresses as endosulfan)	Honey
HCH (alfa , beta & delta isomers)	Honey
Lindane (gamma HCH)	Honey
Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	Honey
Hexachlorobenzene (HCB)	Honey
<b>B3b / Organophosphorus Compounds</b>	
Coumafos	Honey
Malathion (sum of malathion and malaaxon expressed as malathion)	Honey
Phosalone	Honey

### Chemical-4

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Cadmium(Cd)	Honey & its products, Fish & Fishery products(Crustaceans/Fish/Cephalopods), Rice, Fresh Poultry Meat and Poultry Meat Products
Lead(Pb)	Honey & its products, Fish & Fishery products(Crustaceans/Fish/Cephalopods), Rice, Fresh Poultry Meat and Poultry Meat Products
Arsenic(As)	Honey & its products, Rice, Fish & Fishery products(Crustaceans/Fish/Cephalopods), Fresh Poultry Meat and Poultry Meat Products.
Mercury(Hg)	Honey & its products, Fish & Fishery products(Crustaceans/Fish/Cephalopods)
<b>Mycotoxin</b>	
Aflatoxin B1	Fresh Poultry Meat and Poultry Meat Products.


### Chemical-5

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Proximate</b>	
Moisture	Fish & Fishery products, Meat & Meat products, Guar gum powder, Spice, Tea, Coffee, Milk & Milk products, Oil Seeds, Oils & Fats.
Total Ash	Fish & Fishery products, Meat & Meat products, Guar gum

  
Sabeer Ali A M  
Assistant Director



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



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata

Date of issue: 29.11.2017


Validity of approval : Up to and including: 28.11.2019

Page 4 of 7

	powder, Spice, Tea, Coffee, Fruit Juices, Fruit Pulp & Concentrates, Milk & Milk products.
Fat	Fish & Fishery products, Meat & Meat products, Egg & Egg products, Milk & Milk products
Protein	Fish & Fishery products, Meat & Meat products, Guar gum powder, Rice, Milk & Milk products,
Carbohydrates	Rice, Tea, Coffee
Acid Insoluble ash	Fish & Fishery products, Meat & Meat products, Guar gum powder, Spice, Rice, Tea, Coffee
Starch	Guar gum powder, Rice
Energy	Rice
Sulphite as SO <sub>2</sub>	Meat & Meat products
Phosphate as P <sub>2</sub> O <sub>5</sub>	Meat & Meat products
Total volatile base Nitrogen (TVBN) as N	Meat & Meat products
Salt Content	Meat & Meat products, Fruit Juices, Fruit Pulp & Concentrates.
Water insoluble ash	Spice, Tea, Coffee
Cold water soluble extract	Spice
Polyphenols	Tea, Coffee
Water Soluble ash	Tea, Coffee
Crude Fibre	Spice, Rice, Tea, Coffee
Acidity of ether extract	Egg & Egg products
Volatile Oil	Spices
Acidity	Honey, Fruit Juices, Fruit Pulp & Concentrates
Diastase activity	Honey
HMF	Honey, Fruit Juices, Fruit Pulp & Concentrates
Reducing sugar	Honey
Sucrose	Honey, Fruit Juices, Fruit Pulp & Concentrates
Water insoluble solids	Honey
Fiehe's test	Honey
Free Acid (meq acid/100g)	Honey
Fructose/Glucose ratio	Honey
Alcoholic acidity	Rice
Uric acid	Rice
Gluten content	Rice
°Brix (Total Soluble Solids)	Fruit Juices, Fruit Pulp & Concentrates
Sugars as sucrose	Fruit Juices, Fruit Pulp & Concentrates
Acidity	Fruit Juices, Fruit Pulp & Concentrates
Sulfur dioxide	Fruit Juices, Fruit Pulp & Concentrates
Salt	Fruit Juices, Fruit Pulp & Concentrates
Vitamin C	Fruit Juices, Fruit Pulp & Concentrates
Aspartame	Fruit Juices, Fruit Pulp & Concentrates
Saccharine	Fruit Juices, Fruit Pulp & Concentrates
Acesulphame K	Fruit Juices, Fruit Pulp & Concentrates
Benzoic acid	Fruit Juices, Fruit Pulp & Concentrates
Sorbic Acid	Fruit Juices, Fruit Pulp & Concentrates
Phosphorus	Fruit Juices, Fruit Pulp & Concentrates, Oils & Fats
Total Dry Residue	Fruit Juices, Fruit Pulp & Concentrates

  
Sabeer Ali A M  
Assistant Director



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

# EXPORT INSPECTION COUNCIL

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

New Delhi



Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata

Date of issue: 29.11.2017

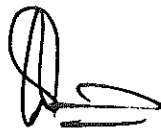
Validity of approval : Up to and including: 28.11.2019

Page 5 of 7

Sugar Free Dry Extract	Fruit Juices, Fruit Pulp & Concentrates
Glucose	Fruit Juices, Fruit Pulp & Concentrates
Fructose	Fruit Juices, Fruit Pulp & Concentrates
Citric acid	Fruit Juices, Fruit Pulp & Concentrates
Malic acid	Fruit Juices, Fruit Pulp & Concentrates
D - Isocitric acid	Fruit Juices, Fruit Pulp & Concentrates
Citric acid /Isocitric acid Ratio	Fruit Juices, Fruit Pulp & Concentrates
Formal Number	Fruit Juices, Fruit Pulp & Concentrates
HMF	Fruit Juices, Fruit Pulp & Concentrates
Anisidine value	Oils & Fats
Totox value	Oils & Fats
Conjugated Dienes & Trienes	Oils & Fats
Oryzanol	Oils & Fats
Vitamin A	Oils & Fats
Vitamin D	Oils & Fats
Vitamin E	Oils & Fats
Agaric acid	Oils & Fats
Hypericine	Oils & Fats
Saffrole	Oils & Fats
Saturated Fatty Acid	Oils & Fats
Mono unsaturated Fatty Acid	Oils & Fats
Polyunsaturated Fatty Acid	Oils & Fats
Trans Fatty Acid	Oils & Fats
Total solids (milk solids) and added salts)	Milk & Milk products
Insolubility Index	Milk & Milk products
Titrable acidity (as lactic acid)	Milk & Milk products
Oil Content	Oil Seeds
Acid value for extracted fat	Oil Seeds
Saponification value	Oils & Fats
Iodine value	Oils & Fats
Peroxide value	Oils & Fats
FFA as (Oleic acid)	Oils & Fats
Unsaponifiable matter	Oils & Fats
Test for Argemone	Oils & Fats
Test for hydrocyanic acid	Oils & Fats
Mineral Oil Testing	Oils & Fats
Bellier Turbidity test	Oils & Fats
Test for the presence of Castor oil	Oils & Fats
Allyl iso-thio cyanate	Oils & Fats
PG	Oils & Fats
TBHQ	Oils & Fats
BHA	Oils & Fats
BHT	Oils & Fats
Halphen Test	Oils & Fats
Baudouin Test	Oils & Fats
Polybromide test	Oils & Fats

  
Saberafi A M  
Assistant Director



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



# EXPORT INSPECTION COUNCIL

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

## Annexure-1 SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata  
Validity of approval : Up to and including: 28.11.2019

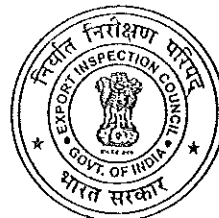
Date of issue: 29.11.2017  
Page 6 of 7


Hexabromide test	Oils & Fats
Presence of kusum oil	Oils & Fats
Presence of Neem oil	Oils & Fats

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

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Live/Dead Insects	Spice
Excreta -Mammalian	Spice
Excreta other than mammalian	Spice
Light Filth	Spice
Heavy Filth	Spice
Extraneous matter	Spice
Foreign Matter	Honey, Basmati Rice
Total no pollens	Honey
Optical density at 660nm	Honey
Specific gravity	Honey, Oils & Fats
Electrical conductivity	Honey
General condition /Appearance	Basmati Rice
Average pre cook length in mm	Basmati Rice
Broken & Fragments	Basmati Rice
Other rice varieties	Basmati Rice
Other Grains	Basmati Rice
Chalky grain/Black kernels	Basmati Rice
Under milled & Red stripped grain	Basmati Rice
Green grains	Basmati Rice
Moisture content	Basmati Rice
Paddy grain	Basmati Rice
Elongation ratio	Basmati Rice
Damaged & discolored grain	Basmati Rice
Length (1-20) average, Breadth Avg	Basmati Rice
L/B ratio	Basmati Rice
Other edible grain	Basmati Rice
Ergot	Basmati Rice
Shriveled/Shrunken	Basmati Rice
Insect/Weevilled Damaged	Basmati Rice
Refractions as other than foreign matter	Basmati Rice
Red streak kernels	Basmati Rice
Pecks	Basmati Rice
Glutinous kemels	Basmati Rice
Foreign & oil-breeding crops & admixture	Basmati Rice
Unshelled kernels	Basmati Rice
Presence of Kesari Dal	Basmati Rice
pH Value	Fruit Juices, Fruit Pulp & Concentrates
Density	Fruit Juices, Fruit Pulp & Concentrates
Viscosity	Oils & Fats

  
Sabeerati A M  
Assistant Director



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



# EXPORT INSPECTION COUNCIL

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

New Delhi

Annexure-1

## SCOPE OF APPROVAL

Name of the laboratory: Edward Food Research & Analysis Centre Ltd, Kolkata  
Validity of approval : Up to and including: 28.11.2019

Date of issue: 29.11.2017

Page 7 of 7

Flash Point	Oils & Fats
Impurities	Oil Seeds
Colour (Y+5R)	Oils & Fats

### Water-1

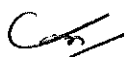
(For exports to all countries including European Union)

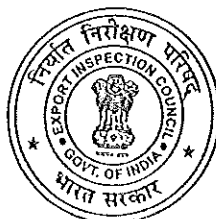
Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Biological</b>	
Colony Count @37 <sup>o</sup> C	As per Council Directive 98/83/EC
Colony Count @22 <sup>o</sup> C	As per Council Directive 98/83/EC
Coliform Bacteria	As per Council Directive 98/83/EC
<i>E.coli</i>	As per Council Directive 98/83/EC


### Water-2

(For exports to all countries including European Union)

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
<b>Physical &amp; Chemical</b>	
Colour	Water as per IS:10500:2012 & IS:4251:1965
Odour	Water as per IS:10500:2012 & IS:4251:1965
pH Value	Water as per IS:10500:2012 & IS:4251:1965
Taste	Water as per IS:10500:2012 & IS:4251:1965
Mineral Oil	As per IS:10500:2012
Chromium	Water as per IS:10500:2012 & IS:4251:1965
<b>Biological</b>	
Standard Plate Count	Water as per IS 4251-1967
Proteolytic bacterial count	Water as per IS 4251-1967
Lipolytic bacterial count	Water as per IS 4251-1967
Total Coliform	Water as per IS:10500:2012 & IS:4251:1965
<i>Escherichia coli</i>	Water as per IS:10500:2012

  
Sabeerali A M  
Assistant Director



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