



## FISH PACKAGES

### MICROBIOLOGY

Parameters	Technique
<b>Package 1 - Microbiology package</b>	
Total Plate Count (TPC)	Pour plate
Total Coliforms (TC)	Pour plate
Escherichia coli (E-Coli)	Pour plate
Staphylococcus aureus	Spread plate
Salmonella	Enrichment/Streak plate
Vibrio cholera	Enrichment/Streak plate
<b>Package 2 - Microbiology package + Listeria</b>	
Total Plate Count (TPC)	Pour plate
Total Coliforms (TC)	Pour plate
Escherichia Coli (E-Coli)	Pour plate
Staphylococcus aureus	Spread plate
Salmonella	Enrichment/Streak plate
Vibrio cholera	Enrichment/Streak plate
Listeria monocytogenes	Enrichment/Streak plate
<b>Others</b>	
See Microbiology food parameters	

### CHEMISTRY

<b>Heavy metals</b>	
Arsenic (As)	GF-AAS
Beryllium (Be)	MP-AES
Cadmium (Cd)	GF-AAS
Chromium (Cr)	MP-AES
Cyanide (Cn)	Spectrophotometric
Lead (Pb)	GF-AAS
Mercury (Hg)	FIMS
Nickel (Ni)	MP-AES
<b>Freshness</b>	
TVB-N	Titrimetry
TMA-O	Titrimetry

Organochlorine Pesticides (OCP)	GC-MSMS
Organophosphorus Pesticides (OPP)	GC-MSMS
Polycyclic aromatic hydrocarbons (PAHs)	GC-MSMS
Polychlorinated biphenyls (PCBs)	GC-MSMS
<b>Elemental Analysis</b>	
Aluminium (Al)	MP-AES
Arsenic (As)	GF-AAS
Antimony (Sb)	MP-AES
Beryllium (Be)	MP-AES
Boron (B)	MP-AES
Cadmium (Cd)	GF-AAS
Calcium (Ca)	MP-AES
Chromium (Cr)	MP-AES
Cobalt (Co)	MP-AES
Copper (Cu)	MP-AES
Iron (Fe)	MP-AES
Lead (Pb)	GF-AAS
Magnesium (Mg)	MP-AES
Manganese (Mn)	MP-AES
Mercury (Hg)	FIMS
Nickel (Ni)	MP-AES
Phosphorous (P)	MP-AES
Potassium (K)	MP-AES
Selenium (Se)	MP-AES
Silver (Ag)	MP-AES
Sodium (Na)	MP-AES
Tin (Sn)	MP-AES
Zinc (Zn)	MP-AES
<b>Contaminants</b>	
Cyanide (Cn)	Spectrophotometry
<b>Others</b>	
Histamine	TLC
Sodium chloride/Salt	Titrimetry