

ADDITIVES AND CONTAMINANTS

No.	PARAMETER	TYPES OF SAMPLE	SERVICES PROVIDED BY
1	3-MCPD	SAUCE AND FOOD INGREDIENTS	HQ
3	PRESERVATIVE: <ul style="list-style-type: none"> • SULPHUR DIOXIDE • BENZOIC ACID • BORIC ACID • FORMALDEHYDE • SORBIC ACID • NITRATE/NITRITE 	ALL FOODS	HQ AND ALL BRANCHES
4	PRESERVATIVE: <ul style="list-style-type: none"> • PROPIONIC ACID 	BREAD AND FLOUR CONFECTION	HQ AND ALL BRANCHES
5	COLOURING SUBSTANCES (AS STIPULATED UNDER REGULATION 21 OF FOOD REGULATIONS 1985 <ul style="list-style-type: none"> • DETECTION BY PAPER CHROM • NON-PERMITTED COLOUR (SUDAN COLOURS, PARA RED) BY HPLC 	ALL FOODS ALL FOODS ALL FOODS	HQ AND ALL BRANCHES HQ AND ALL BRANCHES HQ
6	FLAVOUR ENHANCER: <ul style="list-style-type: none"> • MONOSODIUM L-GLUTAMATE 	NEAT SALT	HQ
7	ANTIOXIDANT: <ul style="list-style-type: none"> • PROPYL • OCTYL • DODECYL GALLATE • BUTYLATED HYDROXYANISOLE (BHA) • BUTYLATED HYDROXY-TOLUENE (BHT) • TERTIARY BUTYL HYDROQUINONE (TBHQ) 	EDIBLE OIL, FAT, GHEE, ESSENTIAL OIL, PARTIAL GLYCEROL ESTER, COCONUT CREAM, COCONUT CREAM POWDER, PEANUT BUTTER, CHEWING GUM, PASTRY BISCUITS AND OTHER FOODS.	HQ
8	FOOD CONDITIONER: <ul style="list-style-type: none"> • AMMONIUM CHLORIDE • PHOSPHORUS PENTOXIDE • LECITHIN • CALCIUM CHLORIDE 	ALL FOODS	HQ
9	METAL CONTAMINANTS: <ul style="list-style-type: none"> • ANTIMONY • ARSENIC • CADMIUM • COPPER • LEAD • MERCURY • TIN • ZINC • OTHER METALS 	ALL FOODS	HQ AND ALL BRANCHES
10	DRUGS RESIDUES: <ul style="list-style-type: none"> • NITROFURAN METABOLITES* • BETA-AGONIST 	MEAT	HQ
11	DRUGS RESIDUES: <ul style="list-style-type: none"> • CHLORAMPHENICOL 	MEAT	JOHOR/HQ
12	NON-NUTRITIVE SWEETENING SUBSTANCES:	ALL FOODS	HQ

NO.	PARAMETER	TYPES OF SAMPLE	SERVICES PROVIDED BY
	<ul style="list-style-type: none"> • CYCLAMATE • SACCHARIN 		
13	AFLATOXINS: <ul style="list-style-type: none"> • B1 • B2 • G1 • G2 	ALL FOODS	HQ, PENANG AND IPOH
14	<ul style="list-style-type: none"> • ACIDITY (AS ANHYDROUS CITRIC ACID) • ACIDITY (AS MALIC ACID) • TOMATO SOLIDS • TOTAL SOLIDS • ESSENTIAL OIL • FRUIT CONTENT • SOLUBLE SOLIDS (BY REFRACTOMETRY) 	FRUIT, VEGETABLES AND THEIR PRODUCTS. ALSO JAM, FRUIT JELLY, MARMALADE& SERI KAYA	HQ AND ALL BRANCHES
15	<ul style="list-style-type: none"> • NON VOLATILE ETHER EXTRACT • VOLATILE ESSENTIAL OIL • TOTAL ASH 	SPICES	HQ AND ALL BRANCHES
16	<ul style="list-style-type: none"> • REDUCING SUGARS (DEXTROSE ANHYDROUS) • SUCROSE • IDENTIFICATION OF SUGARS (BY HPLC-ELSD) 	SWEETENING SUBSTANCE	HQ AND BRANCHES HQ
17	<ul style="list-style-type: none"> • CAFFEINE (COFFEE) CONTENT • COCOA PASTE • CRUDE FIBRE • WATER SOLUBLE EXTRACT 	TEA, COFFEE, COCOA AND RELATED PRODUCTS	HQ AND ALL BRANCHES
18	<ul style="list-style-type: none"> • LACTOSE • LACTIC ACID • MILK FAT (GERBER METHOD) • MILK FAT (ROSE-GOTTLIED METHOD) • MILK FAT (GLC) • NON-FAT MILK SOLIDS • TOTAL MILK SOLIDS 	MILK, MILK PRODUCTS AND MILK CHOCOLATE	HQ AND ALL BRANCHES
19	<ul style="list-style-type: none"> • ACID VALUE • CHLORESTEROL (GLC) • CLOUD POINT • COLOUR • DENSITY/SPECIFIC GRAVITY • FAT CONTENT • FATTY ACID COMPOSITION • FREE FATTY ACID • IODINE VALUE • KREIS RANCIDITY TEST • MINERAL OIL • MOISTURE AND IMPURITIES • PEROXIDE VALUE • REFRACTIVE INDEX • SALT CONTENT • SAPONIFICATION VALUE • SLIP MELTING POINT • UNSAPONIFIABLE MATTER • FATTY ACID PROFILE 	EDIBLE FAT AND EDIBLE OIL	HQ AND ALL BRANCHES

No.	PARAMETER	TYPES OF SAMPLE	SERVICES PROVIDED BY
	<ul style="list-style-type: none"> • WATER 		
20	<ul style="list-style-type: none"> • MICROSCOPIC IDENTIFICATION • NICOTINE 	TOBACCO AND TOBACCO PRODUCTS	HQ AND ALL BRANCHES
21	<ul style="list-style-type: none"> • ALCOHOL CONTENT • METHANOL • ESTER CONTENT 	ALCOHOLIC BEVERAGES	HQ AND ALL BRANCHES
22	<ul style="list-style-type: none"> • ACIDITY • ASH CONTENT • ASH-SULPHATE • ASH-TOTAL • ASH-ACID SOLUBLE • ASH-ACID INSOLUBLE • ASH-WATER INSOLUBLE • CRUDE FIBRE • DRAINED WEIGHT (CANNED FOOD) • FAT CONTENT • MOISTURE (OVEN DRYING) • MOISTURE (VACUUM OVEN DRYING) • NON VOLATILE MATTER • PROTEIN CONTENT • SALT CONTENT • SOLUBLE SOLIDS (TOTAL BRIX) • STARCH (MICROSCOPLC IDENTIFICATION) • TOMATO SOLIDS • TOTAL SOLIDS • TOTAL NITROGEN 	GENERAL FOODSTUFF AS PER REQUIRED UNDER THE FOOD REGULATIONS 1985.	HQ AND ALL BRANCHES