



LISTS OF TESTS, CHARGES AND CLIENTS' CHARTER (TPOR)

Category – Composition / Nutritional Package

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
CFDS-NC001	Basic Nutritional Package, including: <ul style="list-style-type: none"> • Energy (by calculation) • Carbohydrate (by calculation) • Protein / Nitrogen • Total Fat • Total Ash • Moisture 	20 days	General Food Products	\$100
CFDS-NC002	Moisture	10 days	General Food Products	\$10
CFDS-NC003	Total Ash	10 days	General Food Products	\$10
CFDS-NC004	Total Fat	10 days	General Food Products	\$30
CFDS-NC005	Nitrogen (Protein)	10 days	General Food Products	\$50
CFDS-NC006	Carbohydrate by Calculation	10 days	General Food Products	\$100
CFDS-NC007	Energy by Calculation	10 days	General Food Products	\$100
CFDS-NC008	Total Dietary Fibre (TDF)	*20 days	General Food Products	\$50
CFDS-NC009	Micro Nutrients (per micro nutrient)	20 days	General Food Products	\$60
CFDS-NC010	Caffeine	20 days	Tea, Tea Products, Coffee, Coffee Products & Beverages	\$30
CFDS-NC011	Total Sugar Content (HPLC)	25 days	Beverage, Food and Food Products	\$60



CFDS-NC012	pH	5 days	Processed Drinking Water, Beverages and Food Products	\$20
CFDS-NC013	Total Soluble Solids (°Brix)	5 days	Beverages	\$20
CFDS-NC014	Water Activity	10 days	Rice	\$20
^{NA} CFDS-NC015	Acidity	5 days	-	\$10
^{NA} CFDS-NC016	Net Weight	5 days	-	\$10
^{NA} CFDS-NC017	Net Volume	5 days	-	\$10
^{NA} CFDS-NC018	Fatty Acids	-	Mixed Fat Spread Biscuits/Cookies	\$250
^{NA} CFDS-NC019	Cholesterol	20 days	-	\$120
^{NA} CFDS-NC020	Milk Fat	-	-	\$30

Note:

1. All test is accredited for ISO 17025 except for Test / Service Code marked with **superscript (NA)** is not accredited.
2. *For TDF, Number of samples received per batch is 2. For more than 2 samples, TPOR is more than 25 days.



Category - Food Additives

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
CFDS-A001 CFDS-A002	Anions & Cations by IC (per element) <ul style="list-style-type: none"> Without sample preparation With sample preparation ^{NA}Chloride ^{NA}Fluoride Nitrate Nitrite ^{NA}Sulphate 	20 days	General Food Products Except for Nitrate and Nitrite, meat and meat products	\$15 \$30
^{NA} CFDS-A003	Artificial Sweeteners (per compound) <ul style="list-style-type: none"> Cyclamate Saccharin Aspartame 	20 days	General Food Products	\$30
^{NA} CFDS-A004	Non-Permitted Food Colours (per colour)	20 days	General Food Products	\$120
^{NA} CFDS-A005	Permitted Food Colours (per colour)	20 days	General Food Products	\$20
CFDS-A006	Preservatives (per compound) <ul style="list-style-type: none"> Benzoic Acid Sorbic Acid Sulphur Dioxide ^{NA}Formaldehyde ^{NA}Boric Acid 	20 days	General Food Products	\$50

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Category - Food Contaminants

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
^{NA} CFDS-C001	Benzene in soft drinks	20 days	-	\$100
CFDS-C002	Biotoxin (per toxin) <ul style="list-style-type: none"> Aflatoxins B1, B2, G1 and G2 Ochratoxin ^{NA}Paralytic Shellfish Poisoning (PSP) ^{NA}Amnesic Shellfish Poisoning (ASP) ^{NA}Diarrhetic Shellfish Poisoning (DSP) 	20 days	For Aflatoxin: <ul style="list-style-type: none"> Corn, Nuts and Nuts Products (Solid Sample) Corn, Nuts and Nuts Products (Oil Sample) Chilli Pepper, Paprika & Red Pepper Rice For Ochratoxin: <ul style="list-style-type: none"> Cereal-based products Coffee and coffee products Chilli and chilli products 	\$120
^{NA} CFDS-C003	Chlorine in drinking water	-	Drinking water	\$10
^{NA} CFDS-C004	Melamine & Cyanuric Acid	25 days	-	\$150
^{NA} CFDS-C005	Melamine, Cyanuric Acid, Ammeline & Ammelide	25 days	-	\$200
^{NA} CFDS-C006	Polychlorinated Biphenyls (PCBs)	-	-	\$130
^{NA} CFDS-C007	Phthalates	-	-	\$300
^{NA} CFDS-C008	Steroids (Per adulterant) <ul style="list-style-type: none"> Sildenafil Tadalafil Dexamethasone Vardenafil 	25 days	General Food Products	\$120
^{NA} CFDS-C009	Slimming agent (Per adulterant) <ul style="list-style-type: none"> Sibutramine 	25 days	General Food Products	\$120



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Category - Food Residues

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
CFDS-R001	Drug Residues (Antibiotic), per compound <ul style="list-style-type: none"> Chloramphenicol Nitrofurantoin Metabolites AMOZ Nitrofurantoin Metabolites AOZ 	10 days	Seafood and Seafood Products	\$120
^{NA} CFDS-R002	Multiresidue pesticides screening by LCMS	Screening: 5 days Confirmation and Quantification: additional 10 days	Fresh Fruit and Vegetables	\$100
CFDS-R003	*Pesticide residues (per compound)	Screening – 5 days Confirmation and Quantification – additional 10 days	Fresh Fruit and Vegetables	\$50
CFDS-R004	Pesticide Residue (per group) <ul style="list-style-type: none"> Organophosphorus (OP) Synthetic Pyrethroid (SP) ^{NA}Dithiocarbamates (Dithio) 	Screening: 5 days Confirmation and Quantification: additional 10 days	Fresh Fruits and Vegetables except Dithiocarbamates	\$120

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- * Accreditation status for pesticide residues (per compound) is depending on the compound requested.



Category – Halal / Authentication

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
CFDS-HA001	Alcohol content, per alcohol: <ul style="list-style-type: none"> Ethanol ^{NA}Methanol 	10 days	General Food Products	\$50
CFDS-HA002	Carminic Acid using HPLC	20 days	General Food Products	\$50
CFDS-HA003	DNA Speciation – by Molecular Biology <ul style="list-style-type: none"> Porcine DNA Bovine DNA ^{NA}Chicken DNA ^{NA}Sheep DNA 	Validated Sample Matrix: 15 days Non Validated Sample Matrix: 30 days	<ul style="list-style-type: none"> Raw Meat Processed Meat Dairy Products Oil-based Products Cereal-based Products Beverages 	\$250
^{NA} CFDS-HA004	Pig bristle identification	5 days	-	\$50
^{NA} CFDS-HA005	Pig skin identification	5 days	-	\$70
CFDS-HA006	Protein Speciation – by Immunoassay <ul style="list-style-type: none"> Porcine Protein 	10 days	Gelatin and gelatin-based product	\$200

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Category – Others

Test / Service Code	Type of Analysis	TPOR	Validated Sample Matrix	Charges
CFDS-0001 CFDS-0002	Heavy Metals and Trace Elements (per element) <ul style="list-style-type: none"> • By AAS • By AAS with digestion <ul style="list-style-type: none"> ○ Arsenic ○ Cadmium ○ Lead ○ Mercury 	10 days 20 days	General Food Products	\$30 \$50
CFDS-0003 CFDS-0004	Heavy Metals and Trace Elements (per element) <ul style="list-style-type: none"> • By ICP • By ICP with digestion <ul style="list-style-type: none"> ○ Arsenic ○ Cadmium ○ Lead ○ Mercury ○ ^{NA}Calcium ○ ^{NA}Magnesium ○ ^{NA}Potassium ○ ^{NA}Sodium ○ ^{NA}Iron ○ ^{NA}Zinc ○ ^{NA}Copper 	10 days 20 days	General Food Products	\$10 \$50
CFDS-0005	Freshness Tests (per test) <ul style="list-style-type: none"> • Histamine 	10 days	Seafood and Seafood Products	\$50
CFDS-0006	^{NA} Rancidity Test (per test)	-	-	\$50
CFDS-0007	^{NA} Food alert / Others	-	-	\$300

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