

FOOD CHEMISTRY SECTION (as of 01 July 2019)

No	Types of Analysis	Client's Charter (TPOR)
Food Additives		
1	Permitted Food Colours - Qualitative - Quantitative	10 days 20 days
2	Sweeteners - Qualitative - Quantitative	10 days 20 days
3	Preservatives - Qualitative - Quantitative	10 days 20 days
Food Nutritional Labelling		
4	Basic Nutritional Labelling comprises the following analysis: - - Total Fat - Total Ash - Moisture - Nitrogen /Protein - Energy (By Calculation) - Carbohydrates (By Calculation)	20 days
Food Compositions		
Proximate Analysis		
5	Acidity	10 days
6	Moisture	10 days
7	Total Ash	10 days
8	Nitrogen/Protein	10 days
9	Total Fat	10 days
10	Total Dietary Fibre	20 days
11	Randicity Tests	10 days
12	Kreis Test	10 days
13	Peroxide Value	10 days
Anions & Cations		
14	a. without sample preparation	10 days
15	b. with sample preparation	20 days
Heavy Metals and Trace Elements by ICP-OES / ICP-MS		
16	a. without sample preparation	10 days
17	b. with sample preparation	20 days
Heavy Metals and Trace Elements by AAS		
18	a. without sample preparation	10 days
19	b. with sample preparation	20 days
20	Mercury by Mercury Analyzer	10 days

21	Caffeine	20 days
22	Volume content	5 days
23	Net Weight	5 days
24	pH	5 days
25	Vitamin C	25 days
26	Boric acid	10 days
27	Total Soluble Solids (OBrix)	5 days
28	Phosphorus	10 days
29	Water Activity	5 days
Mycotoxins		
30	Aflatoxins B1, B2, G1 and G2	25 days
31	Ochratoxins	25 days
32	Deoxynivalenol	25 days
33	Steroids	25 days
34	Slimming agents	25 days
35	Melamine & Cyanuric Acid	25 days
Pesticide Residues		
36	For (Insecticide) residue analysis and (Fungicide) residue analysis in agriculture commodities	10 days
Drug residues		
37	Veterinary drugs - Chloramphenicol - ELISA - Nitrofurantoin Metabolites : AOZ - Nitrofurantoin Metabolites : AMOZ	10 days
Other Contaminants		
38	Scombroid toxin - Histamine	10 days
39	Dyes (Antimicrobial residues)	10 days
40	Parasite treatment residue Anthelmintics (Ivermectin)	10 days
41	Benzene in soft drinks	20 days
42	Formaldehyde in Fish	10 days
43	Non- Permitted Food Colours	20 days
44	Alcohol analysis (Methanol)	10 days
45	Food alert / others	25 days
8 Authentication / Halal Related Analysis		
46	DNA-based species identification (Routine Sample) Scope: Meat-based products, Cereal-based products, Dairy products.	21 days
47	DNA-based species identification (Non-routine Sample)	45 days

	Scope: All samples not listed in routine sample scope.	
48	Pig Skin Authentication	10 days
49	Pig Bristle Authentication	10 days
50	Protein-based species identification	14 days
51	Alcohol analysis (Ethanol)	10 days